Grove

THE BIG ORANGE BOOK

your complete Leisure Accessory Wholesaler

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Welcome to the latest Grove catalogue. Inside you will again find many new products and product ranges.

We trust that the information in this catalogue is as current as possible, including more sizes and specifications for your convenience. All steps have been taken to ensure that the information is as complete as possible, but your comments are always very welcome.

Our on-line facility is becoming more popular for obtaining new product information and special offers. Setting up an account only takes minutes and allows you to check stock availability and prices at any time. If you are not already using this facility please speak to your sales contact for more information.

Thank you for your continued support!

The Grove team

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Large enough to cope Small enough to care

Contents

Contents

your complete Leisure Accessory Wholesaler   T: 0161 367 7070

Wheel Rims

Prins LD1361 rim
4.5J x 13" 4 Stud   **005016**

Prins LD1360 rim
5J x 13" 4 Stud   **005004**

Prins LD1362 rim
4.5J x 13" - B + B   **005038**

Lemmerz rim
5.5J x 14" 4 stud   **005020**

Lemmerz rim
5.5J x 14" 5 stud (silver) **005025**
6J x 15" 5 stud   **005030**

Trailer wheels & tyres
Wheel rim with 4 ply tyre
400-8" No cut out   **005048**
500-10"   **005050**

Alloy Wheel Rims

Alloy rim
Dion 5.5J x 14" 5 stud 112mm p.c.d.
775kg load per wheel
Tyre range: 165R 14, 175R 14, 185R 14, 195R 14,
175/65R 14, 175/70R 14, 185/70R 14, 195/65R 14,
195/70R 14 **005145**

Alloy wheel lock nuts
M12 Set of 4
005148

Alloy wheel bolt
STW M12R
005147

Wheel Trims - Caravan wheel trims available singly or 12 per outer

Alaska
Supplied in pairs
13" White/chrome   **006020**
14" White   **006021**

Tourer
Supplied in pairs
13" Silver   **006000**
13" Ivory   **006001**

Alaska
Supplied boxed in a set of 4
13" Silver   **006016**
14" Silver   **006017**

Motorhome wheel trims
Supplied boxed -in a set of 4
15" Silver   **006022**
16" Silver   **006024**

Wheel cover protectors
Protect your investment by protecting your wheel and tyre from UV, wind and rain. Available in assorted colours. Usually available in blue, green and burgundy please specify if colour is important. Sold individually
Single axle   **007347**
Twin axle   **007348**

Spare wheel accessories

AL-KO side lift jack
Can be fitted to all caravans manufactured after 1980. The jack is easy to position and operate and is supplied with mounting brackets which are bolted to the main chassis members immediately behind the wheel. The jack can also be used as an aid to levelling. Can be lowered to 85mm and raised to 375mm. The mounting bracket design ensures correct positioning and operation. WARNING: When in use the caravan must be attached to the towing vehicle.

AL-KO 800kg side lift jack
Maximum load 1600kg, static load 800kg
AL-KO side lift jack in a bag **007364**
AL-KO side lift jack boxed **007351**

AL-KO 1000kg side lift jack
Maximum load 2000kg, static load 1000kg **007357**

AL-KO 2 tonne scissor jack
For caravans manufactured after 1980 on AL-KO chassis with a maximum total weight of 2000kg. Static load 1000kg. Maximum load 2000kg Specifically developed for use on tandem axle caravans **007359**

Side lift jack bracket kit
Suitable for use only with Al-Ko Side Lift Jack or 2 Tonne Jack.
Comprises of 2 x galvanised mounting brackets and fixing kit
007403
Spare bracket
007402

007359

Spare wheel carriers

AL-KO spare wheel carriers
For AL-KO chassis with fixing holes. Check AL-KO technical brochure for wheel size compatibility. Telescopic action for easy wheel removal and replacement.
AL-KO part no. 241859 for chassis with a distance between the main members of 1260mm - 1515mm **004004**
AL-KO part no. 241860 for chassis with a distance between the main members of 1510mm - 1815mm **004015**
AL-KO part no. 1287180 for chassis with a distance between the main members of 1410mm - 1715mm. Pre-assembled **004006**

Stack Jack axle stands
Set of 4 aluminium axle stands.
Max capacity 2722kg per jack.
Extends 28-43cm.
For stabilizing only - Not for lifting
007358

Tyre gauges

Digital tyre keyring gauge
● LED light
Available singly or 8 per outer **007377**

Digital tyre & tread gauge
● 360° connection
● Tread depth gauge
Available singly or 6 per outer **007373**

Programmable digital tyre & tread gauge
● 360° connection
● Automatically stores recommended tyre pressure
● Tread depth gauge
Available singly or 6 per outer **007374**

Rolson digital tyre gauge
● Simple push button operation
● LCD display in PSI and bar
007366

Compressors

Air compressor inflater/deflater
12v digital air compressor for tyre inflation and inflator for air beds & other leisure accessories. Preset pressure mode with automatic cut off. High intensity LED white light. Handy storage case and a tyre deflation valve. Inflates a tyre to 35psi in under 3 minutes
017304

Cordless air compressor
Rechargeable version of 017304 with the additon of a removable tyre pressure gauge
017306

Digital air compressor
12v. Preset pressure mode with automatic cut off. Red light for SOS and high intensity LED light. Handy storage case and a tyre deflation valve. Inflates a tyre to 35psi in under 3 minutes
017303

Digital air compressor
12v 120psi. Self select pressure mode with automatic switch off. Complete with 2 piece adapter kit. Fitted with fused cigarette lighter plug and approximately 3.3m of cable. Built in white light for direction and red light for alert/SOS. Flexible air hose with screw set.
Available singly or 6 per outer
017305

Towball accessories

Towball
50mm ball. 'E' approved.
Available singly or 10 per outer
007062

AL-KO towball kit
Extended necked towball includes 2 x 50mm nuts, bolts and spring washers
008003

AL-KO towball boot
Black plastic
008006

Towball boot
Black plastic
Loose (50) **012191**
Packaged **014460**

Towball boot with reflector
Black plastic
014465

High tensile bolt sets
Available singly or 10 per outer
45mm **007073**
55mm (in Ring Packaging) **014475**
65mm **007084**
75mm **007095**
75mm (in Ring Packaging) **014478**
100mm **007085**

Ring towball cover
Chrome **014452**
Black **014455**

AL-KO soft ball
Supplied in a display box of 24
Red **012200**
Black **012201**
Blue **012202**

W4 Cover-up
Tow ball cover with grease reservoir. Supplied in a counter display box of 20 pieces
012205

Spacers
13mm **007040**
25mm **007051**

Drop plates
51mm **007007**
76mm **007018**
100mm adjustable **007029**

AK300 coupling head
The AL-KO AK300 is designed for a draw shaft of 50mm. Spacers are available for smaller draw shafts - See AL-KO spares in section 1 of the spares section
007361

AL-KO soft dock
Can be used on AL-KO coupling heads AK7, AK10/2 and AK252. Supplied in a display box of 12
007159

Chassis spares
Note: More chassis spares can be found in the spares section of the catalogue

WOW Bulk offers of 50 or more are available

Corner steady nuts
16mm thread ø **007428**
20mm thread ø **007429**

One shot nuts
Supplied 10 per outer
20mm thread ø **007662**
25mm thread ø **007689**

Breakaway cables
Note: Cables should be connected as per instructions to ensure effective operation.

AL-KO
A - Standard **007130**
B - Detachable **007135**

W4
Available singly or 10 per outer. Poly-bagged and header carded.
C - Breakaway cable **007118**
D - Plastic coated cable **007120**
E - Cable with split ring **007125**
F - Easy fit cable **007127**

Corner steady braces & wheel wrenches
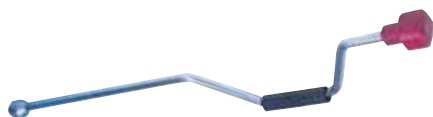
AL-KO corner steady brace
Available singly or 10 per outer
007168

Budget corner steady brace
007167

Grove extension sockets
For use with cordless drills for lowering and raising corner steadies.
Available singly or 10 per outer
30cm **007164**
45cm **007163**

Budget wheel brace
007166

Master wheel wrench
Chrome plated carbon steel body with 17/19mm vanadium socket. Telescopic handle gives adjustable length of 375-495mm. TUV/GS approved. Available singly or 10 per outer
007169

Chassis & towing

Hitch covers

W4 hitch tidy
White P.V.C. weather - proofing cover with drawstring for secure fixing.
Available singly or 10 per outer
007335

W4 'A' Frame cover
Hard-wearing cover which protects the hitch, handbrake mechanism and cable storage ports.
Available singly or 5 per outer
007336

PVC hitch cover
Supplied 10 per outer
Black   **007337**
White   **007338**

AL-KO deluxe hitch cover
To cover the towing hitch/stabiliser
Suitable for the AKS2004/3004
stabiliser **007350**

Nylon hitch cover
PVC coated green nylon cover with drawstring.
Available singly or 10 per outer
007340
Printed with your company name and logo. Minimum order of 100 pieces. Alternative colours also available
007341

National hitch covers
PVC coated nylon cover with drawstring.
Available singly or 10 per outer
England **007342**   Scotland **007343**   Wales **007344**

Heritage "Keep Calm and Caravan" hitch cover
100% cotton canvas hitch cover with drawstring. Wet and rotproof. High quality desirable product
007345
Also available in cost effective nylon
007339

The Heritage range also available in a mains cable bag (see section C) **016177** and a peg bag (see section T) **109563**

WOW Heritage range. Choose your colour, change the crown for your logo or even display your phone number? - all for the same unit cost. Minimum order quantity - 50. Please speak to your sales contact for more details. For personalised product please allow 6 weeks for first time orders and 4 weeks for repeat orders to receive your delivery.
Hitch cover **007346**

Shock absorbers

Octagon shock absorbers
Designed to complement AL-KO Euro Axles. Colour coded for easy weight identification – provides the ultimate in road holding and ride comfort.
Set of 2.

AL-KO

Axle weights (gvw)	Single	Tandem	Part No.
Green	Up to 900kg	Up to 1600kg	**007425**
Blue	901 - 1300kg	1601 - 2600kg	**007426**
Red	1301 - 1800kg	2501 - 3500kg	**007427**
Black	1801 - 4000kg	3501 - 7500kg	**007424**

Levelling accessories

Wheel chock
A vital safety device when parking up or changing a wheel.
Available singly or 24 per outer
007312
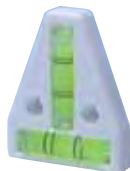
Levelling device
Available singly or 10 per outer
007295
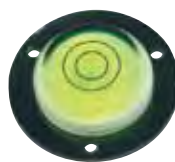
W4 Target level
Circular spirit level for 360° levelling indication.
Self adhesive   **007297**
10 per outer
Magnetic   **007298**
Available singly or 10 per outer

3 piece level set
Available singly or 12 per outer
007293

Jumbo foot jack pads
Budget priced set of four pads and pins
Green. Available singly or 10 per outer   **007385**
Spare jumbo foot and pin green   **007384**
Black. Available singly or 10 per outer   **007379**
Spare jumbo foot and pin black   **007378**

Stabilizer jack pads
Set of four plastic jackpads
007380

W4 grip trak
Ridged on both sides of track for maximum wheel to ground traction
007368

Levelling accessories FIAMMA®

007320

Level PRO (2)
Dimensions (mm) 430 x 170.
Maximum height 90.
Maximum axle weight 5 tons.
Grey
Available singly or 6 per outer
007320

007328

Anti slip plate (2)
To help prevent slipping on paved surfaces. Suitable for all blocks except Level System Jumbo. Grey
007328

Level Up (2)
Dimensions (mm) 570 x 200.
Maximum height 130. Maximum axle weight 5 tons. Grey **007326**

Level Plate (2)
Anti skid system for installation on Fiamma level up. It increase traction, avoiding skids and slipls on smooth surfaces and helps to prevent sinking on soft ground. Grey
007329

Kit Level Up (2)
As above with washable Polyester carry bag. Easy to carry with comfortable shoulder strap with velcro **007316**

Level System®

Magnum (2)
Dimensions (mm) 500 x 200. Maximum height 90.
Maximum axle weight 8 tons
Available singly or 6 per outer
007322

Jumbo (2)
Dimensions (mm) 600 x 260. Maximum height 120.
Maximum axle weight 12 tons
007323

Kit Level Up Jumbo (2)
Dimensions (mm) 580 x 240. Maximum height 140. Maximum axle weight 8 tons. Grey. Comes with washable Polyester carry bag. Easy to carry with comfortable shoulder strap
007318

Level bag S
For level pro (007320), magnum (007322) and wheel saver (007331)
007332

Level bag
For level up (007326)
007333

Wheel savers
Ideal for long stays or storage. Suitable for wheels up to 70cm diameter. Dimensions (mm) 460 x 210. Maximum height 60. Grey
007331

Chock level (2)
Lightweight chock for use with Level up, Pro and Magnum on longer stays. Comes with 2 steel hooks to firmly fasten two chocks when used on levels **007327**

Leaf type stabilisers

Driver stabiliser
Comes with quick release kit, 4.5" friction discs and standard L bracket to suit AL-KO and similar taperline chassis
007800

4 Hole car plate
007804

2 Hole car plate
007805

TC car plate
007808
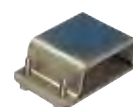
Clamp on adaptor
007816

Toggle screw
007819

L bracket
007812

Extended L bracket
007814

Slipper block
007822

Quick release kit
007834

Tommy bar 10mm
007828

4.5" Friction discs
007825

4" Friction discs
007824

Stronghold stabiliser
2 year mechanical warranty, with quick release mechanism and fast fit 'L' bracket that clamps onto the chassis which eliminates drilling. Fitted with 2 x 4" friction discs. Supplied with canvas carry bag.
007775

Stabilisers & Spares

AL·KO

AL-KO AKS 1300 stabiliser

The AKS 1300 stabiliser has been developed for caravans and trailers up to a maximum gross weight of 1360kg

AKS 1300 Stabiliser	007950
AKS 1300 security device	007960
Integral barrel lock	002118

AKS 1300 Triple pack consisting of stabiliser, security device, towball and safety ball
007970

AL-KO MkII AKS 3004 stabiliser

The MkII AKS 3004 stabiliser has been developed for caravans and trailers from 200kg up to a maximum gross weight of 3000kg

AKS 3004 Stabiliser	007938
AKS 3004 Security device	007940

MkII AKS 3004 Triple pack consisting of stabiliser, security device, towball and safety ball
007939

Winterhoff WS3000 stabiliser

The arrangement of the front and rear friction elements reduces the unpleasant pitching movement of the car/trailer combination. The slender design guarantees excellent angular flexibility for manoeuvring.
WS 3000 stabiliser
007850
Robstop security device
007860

Friction pads
1300 stabilisers - side
007957

AKS security barrel and two keys
007723

Friction pads
For Winterhoff WS3000 Stabiliser from Aug 2002 onwards
007852

Side friction pads
To 1993 for 2000/2500 stabilisers
008004
From 1994 2004/3004 stabilisers
008005

Towball kit
008003

Towball cover
008006

Front/rear friction pads
2004 stabilisers
007935
3004 stabilisers
007936

AKS 1300 security device
Comes with necessary fittings
007960

AKS 3004 security device
Fits all models of 2004/3004 stabilisers
007940

AKS 2700 security device
008007

Winterhoff Robstop security device
Supplied complete with safety ball 007860

Stronghold Winterhoff hitchlock
Designed for Winterhoff WS3000. Sold secure and insurance approved. Comes with carry case. Weight 2.6kg
001705

Stronghold AL-KO hitchlock
Designed for Alko Hitches, AK130, AK160, AKS1300, AKS2004 and AKS3004. Sold Secure and Insurance Approved. Comes with carry case. Weight 2.6kg
001703

AL-KO deluxe hitch cover
To cover the towing hitch. Suitable for all AKS2004/3004 stabilisers 007350

AKS 3004 4x4 handle
Replacement handle for 4x4's to avoid fouling of the rear door
007934

AL-KO Safety ball
Locks into hitch head for extra security. Supplied in a display box of 24 **002120**

AL-KO soft ball
Supplied in a display box of 24

Red	012200
Black	012201
Blue	012202

Jockey wheels

AL-KO

AL-KO 48mm jockey assembly
Budget priced jockey assembly.
Available singly or 5 per outer **007194**

AL-KO heavy duty assemblies
48mm ø stem
With soft wheel **007192**
With pneumatic wheel **007197**

AL-KO jockey assembly
48mm ø stem
plastic wheel rubber tyre **007195**

AL-KO pin stop lock jockey assembly
48mm ø stem **007191**

Pneumatic jockey wheel and clamp
48mm ø stem **007174**

Jockey wheel and clamp
48mm ø stem **007172**

Jockey wheel and clamp
34mm ø stem **007170**

AL-KO Premium jockey wheel 48mm
Incorporates weight gauge. Maximum dynamic load bearing capacity 300kg with static capacity 180kg. Tube diameter 48mm with a grooved rubber wheel (230 x 80mm).
Boxed **007193B**

AL-KO manoeuvring handle
For use with caravan and trailer jockey wheel assemblies with 48mm diameter stems
007250

EASY WHEEL SET

WOW
Demonstration DVD available

Reich Easy Wheel set
Transform your existing jockey wheel into a double jockey wheel. Increase your manoeuvrability on any surface. Quick and easy assembly / disassembly. **007210**

Spare wheels

For 34mm jockey assembly
Overall ø 160mm
Spindle hole length 60mm
007171

For std 48mm jockey assembly
Overall ø 195mm
Spindle hole length 60mm
007173

Al-Ko Soft wheel
Overall ø 240mm
Spindle hole length 90mm
007196

Al-Ko pneumatic wheel & tyre
Overall ø 250mm
Spindle hole length 90mm
007199

Pneumatic wheel & tyre
Overall ø 250mm
Spindle hole length 90mm
007189

Jockey wheel clamps

Jockey wheel clamp
Suitable for 48mm tube
007276

007639

007640

007619

007620

AL-KO jockey wheel clamps AL-KO
Pressed steel for 90S/3 assembly **007639**
Pressed steel for 161S & 251S assemblies **007619**
Cast clamp for 161S & 251S assemblies **007640**
Cast clamp for 161S & 251S assemblies (inc bolts) **007620**

007642

007178

13 pin electrics - Please note that all UK caravans produced from Sept 2008 have a 13 pin plug fitted as standard

13 pin plug
Available singly or 10 per outer
012037

13 pin socket
Available singly or 10 per outer
012038

13 pin alignment tool
A simple tool to re-align the pins when the plug and socket have not separated correctly. Available singly or 10 per outer
012050

7 pin 12N plug to 13 pin socket
Available singly or 10 per outer **012044**

13 pin plug to 7 pin 12N socket
Available singly or 10 per outer **012043**

7 pin electrics

12N plug	012003
12S plug	012014
12N socket with fog cut out	012025
12S socket	012036

Available singly or 25 per outer

Socket cover black	012163
Socket cover grey	012165

Available singly or 50 per outer

Plug and ball cover holder   **012058**
Available singly or 10 per outer

Socket gasket   **012047**
Available singly or 20 per outer

AL-KO 7/13 Pin plug holder
Suitable for either 7 or 13 pin plugs **012060**

12N   **12S**

13 pin socket to 7 pin 12N/12S plugs
Enables a car with 12N and 12S sockets to connect to a caravan with a 13 pin plug
Available singly or 10 per outer
012041

012042   **012045**
13 pin plug to 7 pin 12N/12S trailing sockets
Enables a car with a 13 pin socket to connect to a caravan with 12N / 12S plugs

Prewired sockets
Please see additional prewired sockets on page A9

Wiring kit
12N **014006**

Wiring kit
12S **014017**

Wiring kit
Twin **014028**

Coiled cable kits
Consists of a length of cable which extends to 1.2m and has a 7 pin plug on each end. Kit contains a 7 pin socket to mount on caravan A frame.
12N **014310**
12S **014311**

Relays

W4 Combi Master
Combined fridge power supply and charging relay enabling the fridge to operate *and* an auxiliary battery to be charged whilst towing
014076

W4 Self Switching Combi Master
The same specification as the Combi Master but with the addition that it senses the vehicles battery level - switching off when there is insufficient power available. So the vehicles power can continue to be used when the engine is switched off without worrying that the auxiliary battery or fridge will be draining your vehicles battery
014077

Ring relays
Combination
Split charge relay for charging auxiliary battery & operating a refrigerator whilst towing. With automatic cut off
014405

Audible
Rear mounting sensor relay
014407

ERL11   **ERL7**
Automotive relays
12V 40A
Centre pin not used
ERL11
12V 20/30A
ERL7

Socket mounting and bumper protection

Socket mounting plates
Manufactured from mild steel plate.

Single	**012087**
Double straight	**012096**
Double 'T'	**012105**

Available singly or 25 per outer

Bumper protection
Protects your vehicle whilst hitching up
With two socket mounting points **012109**

Mini bumper protection plates **012110**
Available singly or 10 per outer

RING Automotive

3' Trailer board
H135 x W915 x D70mm
4m cable 12N plug
015248

4' Trailer board
H140 x W1230 x D70mm
4m cable 12N plug
015259

Towing accessories

WOW All relays are easy to select from the 'Which relay do I need?' chart on the pack. They are easy to fit using the full instructions provided. Suitable for 12V negative earthed vehicles

Combination relay
Split charge relay for charging auxiliary battery or operating a refrigerator whilst towing
014405

Audible relay
Rear mounting sensor relay
014407

WOW Comprehensive 18 page 'Towing Electrics' guide with each kit giving handy tips on legal requirements and wiring diagrams

Single socket
N type with fog cut out **014390**
S type **014392**

Twin socket
With fog cut out **014395**

Plastic plugs
12N **014313**
12S **014329**
Available singly or 10 per outer

Metal plugs
12N **014314**
12S **014332**

Plastic sockets
12N **014312**
12S **014328**
Available singly or 10 per outer

Metal sockets
12N **014315**
12S **014330**

Socket seal kit
Available singly or 10 per outer
014470

Socket cover
Black **014457**

Towball covers
Chrome **014452**
Black **014455**

High tensile bolts
2 per pack
55mm **014475**
75mm **014478**
Available singly or 10 per outer

Socket plates
Single **014445**
Twin **014450**
Available singly or 10 per outer

Complete towing stand
Ask your sales contact for details
014479

Trailer lamps
Small square
014424

Towball boots
Black **014460**
Black with reflector
014465

Towing mirrors

HANDY mirror range

This range of "E" marked mirrors feature the unique "Handy" ratchet system which gives minimal vibration and maximum stability. Simple to install and remove: the unique "Handy" ratchet allows a tight fit to the existing mirror every time. Attaching to the vehicle's existing mirror these universal fitting mirrors are suitable for most vehicles and include models suitable for vans and motorhomes as well as cars, and will fit left or right hand mirrors.
Glass size 190mm x 120mm. All available singly or 6 per outer.

Handy XL standard mirror
Arm length 310mm
120140

Handy XL extended mirror
As per the XL version this mirror has extended arms for a wider field of vision.
Arm length 370mm
120142

Handy Super Flex mirror
This model has wide angle arms to make it suitable for most vans and motor homes.
Arm length 230mm
120144

Standard towing mirror
Excellent value clip-on 'E' marked extension mirror.
Glass size 150mm x 110mm.
Arm length 220mm
Available singly or 20 per outer
120154
Spare straps **120153**

Excellent view towing mirror
After initial set up the bracket can be left on, head and extension mirror can be removed. Virtually vibration free with excellent visibility. 'E' marked.
Glass size 185mm x 120mm.
Arm length 270mm
Available singly or 20 per outer
120168

Available singly or 10 per outer
With blind spot   **120167**
Spare straps   **120169**

WOW The XXL fits vehicles with tall wing mirrors such as the Ford Transit

XXL towing mirror
Large head for improved vision and safety, extra long securing straps make this mirror suitable for vehicles with large wing mirrors. 'E' marked.
Glass size 185mm x 120mm.
Arm length 200mm
Available singly or 20 per outer
120158

Reich Mirror Control
The Reich **MIRROR CONTROL** enables you to adjust the caravan's clip-on mirrors from inside the vehicle without any other assistance. With infrared remote control, the mirror can be adjusted regardless of horizontal or vertical installation. The adjustment is done by the use of electro-motors fed by the internal batteries supplied.
Available to order

Towing mirrors

All mirrors are "E" approved, quick and easy to fit to most vehicles and are available singly or 10 per outer.

RV98T towing mirror
Adjustable arms, mirror head ajustable through 360° and shatterproof glass.
120148

RV3100 towing mirror
Adjustable arms, mirror head ajustable through 360°, shatterproof glass and complete with built-in blind spot.
120150

RV3200 towing mirror
Removeable arm, mirror head adjustable through 360°, shatterproof glass and complete with built-in blind spot.
120151

Towing safety

Caravan Weight Control

The Caravan Weight Control (CWC) gives you 100% control over the total weight and the partial weights of the individual wheels. Using the handy balance may easily prevent excess and uneven loads which may have a negative impact on vehicle handling.

- Can measure the load per wheel up to 1000Kg yellow or 1500kg orange
- Totals the weight once measured on either a single or twin axle vehicle
- Can be used as a nose weight gauge
- Requires 3 x AAA batteries (not included)
- Simple to use
- Weighs 1 Kg

1500Kg orange **007304**
1000Kg yellow **007305**

TLC Towbar load control

A new, accurate digital gauge for measuring the weight of the hitch on the towball. The unit is both lightweight and compact. The TLC's accuracy and reliability is due to the use of load cell technology. The TLC is small and light enough to take with you. The twin version will automatically take into account the different load distribution involved.

- Digital read out in 1Kg steps
- Clear to read
- Safe function without spring
- Maximum nose weight 100Kg

Requires 2 x AA batteries (not included)
Single axle **007306**
Twin axle   **007308**

WOW Simple to use - Accurate, lightweight and compact

NOTE: The TLC MUST be removed before towing

W4 weigh-it extra

Calibrated in both pounds and kilograms. Measures nose weight up to 250lbs/115kg
007310

Warning triangle

E approved.
Available singly or 10 per outer
007387

Beam converters

Headlamp beam adaptor for continental driving. By law, at any time - day or night, when driving in Europe you must convert your headlamps to avoid dazzling other road users.
015606

Rear view lens

Manufactured from optical grade PVC with viewing angles of upward 13° sideways 25° and downward 28°, these lenses help eliminate the blind spot and therefore make reversing safer.

9"x 7"	**120137**
10" x 8"	**120138**
14" x 11"	**120139**

Grayston coil spring assisters

To stiffen and raise suspension by approximately 38mm. *To measure the size - jack the vehicle up to take weight from springs then measure the gap between two parts of the spring*

GE13	18mm-25mm	**008019**
GE14	26mm-38mm	**008008**
GE15	39mm-51mm	**008027**
GE15A	52mm-65mm	**008036**

Combination lights

Jokon wrap round
Combines stop/tail, flasher, reverse and fog lamp. 385mm x 112mm
015007

Jokon wrap round small
Combines stop/tail, flasher and fog lamp. 305mm x 112mm
015004

Jokon wrap round
Combines stop, tail, flasher and fog lamp. 385mm x 112mm
015006

Hella wrap round/reverse
Combines stop/tail flasher and reverse
015011

Hella mini wrap round/reverse
Combines stop/tail, flasher and reverse
015009

Hella wrap round
Combines stop/tail flasher and fog lamp
015010

Jokon combination lamps
Combines stop/tail, flasher and fog lamp
Left hand lamp	015012
Spare lens	015023
Right hand lamp	015034
Spare lens	015045

Britax 9002 lamp
015056

Britax 9300 wrap round
Combines stop/tail, flasher, fog and reverse. 382mm x 130mm
015050

Caraluna caravan

MK1 left hand
015001

MK1 Right hand, fog light
No longer available

MK2 left hand
015000

MK2 right hand, fog light
015003

MK2 left hand, fog light
015017

MK2 left hand fog clear lens
015021

MK2 right hand clear lens
015020

Caraluna motorhome

MK1 left hand
No longer available

MK1 Right hand, fog light
No longer available

MK2 left hand, reversing light
015013

MK2 Right hand, fog light
015014

Caraluna modular
Dimensions (HxWxD): 612 x 163 x 92mm

Left hand
014490

Right hand (as illustrated)
014491

Caraluna vertical
Dimensions (HxWxD): 406 x 168 x 80mm

Left hand - Includes fog
014493

Right hand - Includes reverse
014494

Number plate lamps

Britax number plate lamp
Small   015476

Hella number plate lamp
Small   015479

Hella number plate lamp
Large   015483

Marker lamps

Front

**Hella oblong
front marker**
Lamp   015461

**Jokon EL61
front marker**
Lamp   015457
Lens   015458

**Britax 881
front marker**
Lamp   015438

**Jokon
front marker**
Lamp   015465
Lens   015466

**Hella oval
front marker**
Lamp   015444

**Jokon PL96
front marker**
Lamp   015454
Lens   015455

**Britax 814
front marker**
Lamp   015384

**Britax 764
front marker**
Lamp 015337

**Hella
front marker**
Lamp 015375

**Britax 536
front marker**
Lamp 015450

Side

**Hella oblong
side marker**
Lamp   015463
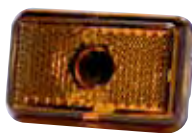
**Jokon EL61
side marker**
Lamp   015459
Lens   015460

**Britax 883
side marker**
Lamp 015440

**Jokon
side marker**
Lamp   015467
Lens   015468

**Hella oval
side marker**
Lamp   015446

**Jokon PL96
side marker**
Lamp   015456

**Britax 813
side marker**
Lamp   015404

**Jokon
side marker**
Lamp   015472

**Jokon side
marker with
screw on lens**
015473

**Jokon
side marker**
Lamp   015470
Lens   015471

**Jokon oblong
side marker
red/white**
015474

Rear

**Hella oblong
rear marker**
Lamp   015464

**Jokon EL61
rear marker**
Lamp   015452
Lens   015453

**Britax 882
rear marker**
Lamp   015442

Reflectors

Self adhesive reflectors
105 x 50mm. 79mm hole centres.
10 per outer
Red   015268
Amber   015277
White   015286

Reflective red triangle (2)
Screw on, pack of 2. Height max: 155mm,
Width max: 135mm, Hole centres: 70mm.
Available singly or 10 per outer
015492

W4
250 x 70mm
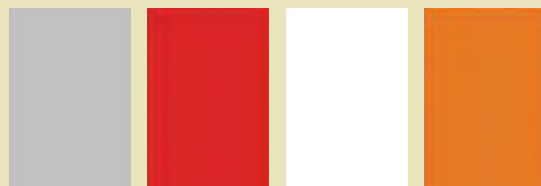
Repair stickers
Headlight reflective repair tape (silver vinyl)   013620
Red lens repair tape (red vinyl)   013621
clear lens repair tape (clear vinyl)   013623
Orange lens repair tape (amber vinyl)   013622
10 per outer

Number plates

AJ51 WXX
Reflective yellow **013305**
Reflective white **013313**
100 per outer

Bordered yellow **013303**
Bordered white **013322**
100 per outer

Euro GB yellow **013304**
Euro GB white **013323**
100 per outer

Bordered Euro GB yellow **013314**
Bordered Euro GB white **013318**
100 per outer
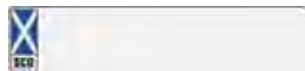
Scottish yellow **013311**
Scottish white **013310**
100 per outer

Border Scottish yellow **013309**
100 per outer

AA51 WXX
Cymru yellow **013312**
100 per outer

Square yellow **013317**
100 per outer

123456789ABC
DEFGHJKLMNO
PQRSTUVWXYZ
Digit starter pack
100 of each digit
013407
Individual digits (100)
013408
Followed by number or letter
3D digits (50)
013409
Followed by number or letter
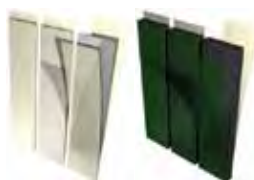
Adhesive pads
20 per outer
1mm **013523**
6mm **013524**
Bulk 150 per outer
1mm **013525**
6mm **013526**

Staticlean fluid
Apply to the acrylic sheet (and to the reflective if required) before use in order to reduce static
013512
Sponge pad bottle
013421

Acrylic plates
50 per outer
Oblong **013306**
25 per outer
Square **013315**

Self adhesive stickers All stickers are sold 10 per outer

Euro GB
Large oval
180 x 135mm
013604

Euro GB
122 x 88mm (W4)
013605

Euro Scotland
122 x 88mm (W4)
013575

Euro Cymru
122 x 88mm (W4)
013580

Euro plate stickers (W4)
40 x 110mm
Adapt your number plate for European driving
GB **013608**   SCO **013578**
Cymru **013583**   Ireland **013589**

Euro GB
Rectangle
60 x 48mm
013607

Scotland flag
Medium rectangle
110 x 65mm (W4)
013577

Wales flag
Medium rectangle
110 x 65mm (W4)
013582

Ireland flag
Medium rectangle
110 x 65mm (W4)
013588

Kernow flag
Medium rectangle
110 x 65mm (W4)
013596

Kernow
Large oval
140 x 100mm (W4)
013595

AA GB Magnetic badge
Large oval
180 x 135mm
013598

GB sticker
Large oval
180 x 135mm
013603

GB sticker
Large oval
140 x 100mm (W4)
013602

GB sticker inside
Large oval
140 x 100mm (W4)
013606

GB sticker
Small oval
100 x 62mm (W4)
013601

GB plaque
Small oval
80 x 58mm
013600

NI
Large oval (W4)
140 x 100mm
013586

SCO
Large oval (W4)
140 x 100mm
013576

Cymru
Large oval (W4)
140 x 100mm
013581

IRL
Large oval (W4)
140 x 100mm
013587

No smoking
Round (W4)
small 75mm Ø **013616**
Large 100mm Ø **013617**

Fresh water
60 x 55mm (W4)
013618

60mph
100mm ø (W4)
013609

Tracking fitted
110 x 65mm (W4)
Motorhome **013613**
Caravan **013614**

Vital statistics
60 x 48mm (W4)
013619

Tyre pressure
60 x 48mm (W4)
013615

LPG sticker
100 x 100mm (W4)
013610

Caravan movers

Move Control Jumbo by Reich

Moving your caravan could cause backache and even injury. Let Move Control Jumbo take care of the heavy work

- Designed to ISO 9001:2000 CE / TÜV approved
- One model to fit the majority of single axle caravans (with or without shock absorbers). Transfers to new caravan easily
- Fitting brackets available for non standard chassis and to accommodate spare wheel carrier and jacking points
- TWIN axle version is 4-wheel drive
- Motor and gearbox inside the chassis and not in spray area of the wheels
- Longer rollers – the grooved area covers the complete tread on any tyre for better traction in wet conditions
- Softstart and softstop electronics for smooth operation – no stress on chassis – exact positioning for easy connection to towing vehicle
- Remote control as standard but can be hard wired with cable provided if problems with radio interference or battery failure
- Cross actuation as standard, rollers can be put on/off from one side of the caravan with a hand brace or cordless power tool – no effort required
- **5 year warranty**

Single axle	**006900**
Twin axle	**006925**

Reich Move Control Eco-Line

- Softstart and Softstop operation
- Aluminium rollers
- Individual operation of each driving unit with optimum force
- Motor drive (automatic engagement)
- Perfect ground clearance by design
- Max vehicle weight: Single axle 1800kg
  Twin axle 2800kg
- Weight: Single axle 36kg
  Twin axle 75kg
- **5 year warranty**

Single axle	**006926**
Twin axle	**006927**

Other Reich movers

We keep in stock for your convenience the following Reich Move Control movers:

Comfort single axle	**S00126**	Comfort single axle with motor drive	**S00125**
Comfort twin axle	**S00130**	Comfort twin axle with motor drive	**S00129**
		Compact single axle	**S00124**
		Compact twin axle	**S00128**
		Cross single axle	**S00127**
		Cross twin axle	**S00131**

The Truma mover

Truma manoeuvring assistant

- Very light - Weighs just 34kg
- Low-wear aluminium rollers
- Softstart and Softstop for jerk-free manoevering
- Cross actuation as standard (manual engagement and disengagement of aluminium rollers from one side)
- No drilling or welding of chassis required (no need for TUV approval)
- Power consumption: Max 120A, Average 20A
- Max vehicle weight 1800kg (on a 15% gradient)
- **5 year warranty**

Single axle	**006800**

Caravan mover spares

Note: More mover spares can be found in the spares section of the catalogue

Reich manual engagement Handset

Single axles	**006930**
Twin axle	**006932**

Battery isolator switch
Max rating 100A - can withstand 500A for 5 seconds **010325**
Battery isolator switch key
10 per outer **010015**

Housing for isolator switch
006960

Wheel carrier bracket GB
To allow the Al-Ko spare wheel carrier to be moved to fit Reich movers
006978

Towing protectors

Waterproof – Strong – Impact absorbing – Durable – Soft non-scratch fleece – UV protected material

The next generation of universal fit protective towing covers. One piece construction with "T-FIT system" for quick and easy fitting. Double vented design for enhanced fit. Protects lower van front windows from impact damage, over 85% of van covered. Duo-tone, black and grey. Hi-viz reflective strips for added visibility on the road. Exclusive fitted, push operated and removeable "LED eye lights" for day and night use whilst towing. 8 x strap and click system for easy adjustability. Strap loops hold your straps in place whilst towing. A-frame strap and click system. A-frame seal stretches to adjust to different A-frames. Steadies strap and click system stops dirt going behind the cover from the undercarriage. Velcro fastening for extra fit. Uses awning channels to secure the cover to the van. Accessories pack included to enable you to expose the front marker lights neatly.

Tow pro lite - New universal fit towing protector

Fits caravans up to 2.5m with 2 awning rails
Front marker lights shine through side pieces
Accessories pack included
2 LED eye lights included
Designed to fit a wide variety of new and used caravans
106701

Caravan Covers *Maypole*

Maypole caravan top covers
- Superior top cover offering protection for your caravan top
- Water resistant heavy duty silver polyester material
- Ideal for winter storage
- UV stable material ensuring long product life
- Elasticated straps with nylon coated steel hooks
- Elasticated hem for tailored fit
- Storage bag included
- Additional straps supplied to allow different fitment options
- 12 months warranty

Caravan top cover	up to 14'	**106830**
Caravan top cover	14-17'	**106831**
Caravan top cover	17-19'	**106832**
Caravan top cover	19-21'	**106833**
Caravan top cover	21-23'	**106834**
Caravan top cover	23-25'	**106835**

Maypole caravan covers
- Breathable material allows condensation to evaporate
- Superior cover offering excellent water resistance
- Easy to fit (fitting instructions included)
- Ideal for winter storage
- UV stable
- Nylon straps for a secure fit
- Elasticated hem for tailored fit
- Storage bag included
- 2 zips for easy access
- 12 months warranty

Technical specification
Layers: 4
Composition: SB+SB+FILM+SB***
Bond Pattern: rectangle oval
Weight: 163gm/m2
Water resistance: 1000mm
Rain test: <0.1
***SB = Spunbound polypropylene
***Film = Better water resistance than a membrane

Caravan Cover	12-14'	**106801**
Caravan Cover	14-17'	**106802**
Caravan Cover	17-19'	**106803**
Caravan Cover	19-21'	**106804**
Caravan Cover	21-23'	**106805**
Caravan Cover	23-25'	**106806**

Wheel clamps

Stronghold wheel clamps come with a 2 year mechanical warranty. All clamps have high security pick free locks supplied with 3 keys giving thousands of key combinations. High visibility yellow units. Wheel clamps are supplied in robust plastic carry storage cases with colour pictorial fitting instructions.

The alloy wheel clamp
- Sold Secure
- Fits 13" to 15" rim sizes
- Fits 165mm to 205mm tyre sizes
- Easy fit onto security wheel bolt within 20 seconds
- Robust case hardened anti-saw steel construction
- Supplied with 10mm allen key

001722

The Scimitar alloy wheel clamp
- 50mm alloy wheel spoke gap required
- Fits wheel size 13"-15
- Fits tyre sizes 165mm-205mm
- Easy fitment in under 30 seconds
- Case hardened with patented lock
- Weight 6kgs
- Colour fitting instructions

001730

The strongarm wheel clamp
- Sold Secure
- Fits 12" to 14" rim sizes
- Fits 155mm to 190mm tyre sizes
- Easy fit onto security wheel bolt/nut within 5 seconds
- Locks onto the wheel instead of over the tyre
- Robust steel construction
- Case hardened anti-saw bar feature
- Fits over bolt on wheel trims

001714

The wheel clamp
- Fully adjustable for wheel diameter and width
- Covers wheel nuts, wheel trims and alloy wheels
- Electro-plated arms for rust protection
- Robust heavy duty steel construction

8"-10" fits 100-175 tyre **001716**
10"-14" fits 155-205 tyre **001718**
14"-16" fits 185-250 tyre **001720**

Hitchlocks and security devices

Stronghold hitchlocks come with a 2 year mechanical warranty. The hitchlocks can be fitted hitched or unhitched. All locks have high security pick free locks, supplied with 3 keys giving millions of key combinations. Supplied with robust plastic carry storage cases and colour pictorial fitting instructions. DO NOT USE WHILST TOWING

Stronghold AL-KO hitchlock
- Sold Secure
- Fits Alko Hitches, AK130, AK160, AKS1300, AKS2004 and AKS3004 (all versions)
- Easy fit in under 10 seconds
- High visibility yellow
- Case hardened steel body and locking bolt

001703

Strongbox hitchlock
- Fits Alko, Albe, Winterhoff, Harrison, B&B and most other original open handle hitch types
- High visibility yellow
- Robust steel construction
- Anti-prising lip

001701

Stronghold Winterhoff hitchlock
- Sold Secure
- Fits Winterhoff WS3000 hitches
- Easy fit in under 10 seconds
- Supplied with steel security ball for the un-hitched position
- Case hardened anti-saw location pins

001705

The leg lock
- 2 year mechanical warranty
- Electro-plated for rust protection
- Robust heavy duty steel construction
- Dual locking system
- Supplied with 3mm allen key and hexagon adjustor key

001707

AKS 1300 security device
Comes with necessary fittings
007960

AKS 3004 security device
Fits all models of 2004/3004 stabilisers **007940**

AL-KO safety ball
Locks into hitch head for extra security. Supplied in a dispaly box of 24
002120

AKS 2700 security device
008007

Winterhoff Robstop
Sold Secure GOLD security device to fit the Winterhoff WS3000 stabiliser. Supplied complete with safety ball
007860

AL-KO Secure wheel clamps

SOLD SECURE 1 DIAMOND WHEEL LOCKS

The AL-KO Secure Wheel lock has proven itself year after year to be a superb caravan security device. Available as a standard fitment to many 2006 caravans onwards it has been tested to Diamond standard from SOLD Secure and is **the only product on the market with this level of security.**

Years of research and development into the methods and practices employed by caravan thieves ensures that AL-KO Secure protects your caravan. The AL-KO Secure Lock provides over 30,000 security combinations together with a drill resistant lock and anti-pick tumbler mechanism ensuring that your caravan is safer than it has ever been from theft. At home, on site or in storage, there is no better product to protect your investment.

There are 3 models - Compact kit, Plus kit & Premium kit - plus the option of buying the lozenge insert on it's own. Some locks are not available in all models. Where the item is not held in stock the AL-KO number is shown to assist identification.

Receiver plate

Lozenge insert only

For use where owners change their caravan and own a Secure wheel lock. Simply use the existing barrel with the new lozenge insert and re-register.

Compact kit

For use on AL-KO chassis vehicles with the receiver plate pre-fitted. Lozenge with full instructions and key registration documents supplied.

Plus kit - *must be professionally installed*

For use on AL-KO chassis vehicles where no receiver plate is pre-fitted, but the brake drum is pre-drilled. Lozenge and receiver plate with full instructions and key registration documents supplied.

Premium kit - *must be professionally installed*

For use on AL-KO chassis vehicles with no receiver plate pre-fitted and brake drum is not pre-drilled. Brake drum (2051) plate, lozenge and receiver with full instructions and key registration documents supplied.

Where the Grove Number is "special" please speak to your sales contact for current price and availability

Lozenge No. 1 - Bailey 14"
Used only by Bailey

	Grove No.	AL-KO No.
Lozenge insert	Special	1389041
Compact Kit	001907	1287642
Plus Kit	001916	1287716
Premium kit	001941	1287727

Lozenge No. 27 - Pegasus 14"
Used only by Bailey on Pegasus & Olympus models

	Grove No.	AL-KO No.
Lozenge insert	Special	1552665
Compact Kit	001889	1289779
Plus Kit		
Premium kit		

Lozenge No. 20 - Pageant 6 14"
Used only by Bailey on Pageant series 6 models

	Grove No.	AL-KO No.
Lozenge insert	Special	1550532
Compact Kit	001882	1289576
Plus Kit	Special	1289578
Premium kit		

Lozenge No. 22 - Senator 6 14"
Used only by Bailey on Senator series 6 models

	Grove No.	AL-KO No.
Lozenge insert	Special	1551031
Compact Kit	001883	1289577
Plus Kit	Special	1289579
Premium kit		

Lozenge No. 28 - Unicorn 15"
Used only by Bailey on Unicorn models

	Grove No.	AL-KO No.
Lozenge insert	Special	1555231
Compact Kit	001884	1289824
Plus Kit		
Premium kit		

Lozenge No. 8 - Salida 14"
Used only by Lunar

	Grove No.	AL-KO No.
Lozenge insert	Special	1389050
Compact Kit	001903	1287650
Plus Kit	001913	1287723
Premium kit	001944	1287736

Lozenge No. 11 - Quicksilver 14"
Used only by Lunar

	Grove No.	AL-KO No.
Lozenge insert	Special	1389051
Compact Kit	001904	1287651
Plus Kit	001915	1287724
Premium kit	001945	1287737

Lozenge No. 24 - Lunar 5514 14"
Used only by Lunar

	Grove No.	AL-KO No.
Lozenge insert	Special	1551986
Compact Kit	001895	1289166
Plus Kit	Special	1289205
Premium kit		

Lozenge No. 31 - Lunar 14"
Used only by Lunar

	Grove No.	AL-KO No.
Lozenge insert	Special	1555305
Compact Kit	001887	1555497
Plus Kit		
Premium kit		

Lozenge No. 21 - Lunar Venus 14"
Used by Lunar and Avondale

	Grove No.	AL-KO No.
Lozenge insert	Special	1550918
Compact Kit	001888	1288559
Plus Kit		
Premium kit		

Lozenge No. 10 - Dion 14"
Used by Avondale

	Grove No.	AL-KO No.
Lozenge insert	Special	1389049
Compact Kit	001902	1287649
Plus Kit	001911	1287722
Premium kit	001940	1287735

Lozenge No. 2 - Hawk 14"
Used by various manufacturers

	Grove No.	AL-KO No.
Lozenge insert	Special	1389042
Compact Kit	001900	1287647
Plus Kit	001910	1287667
Premium kit	001942	1287728

Lozenge No. 19 - Hawk 15"
Used by various manufacturers

	Grove No.	AL-KO No.
Lozenge insert	Special	1389048
Compact Kit	001908	1287990
Plus Kit	Special	1287725
Premium kit	001943	1287736

Lozenge No. 29 - Vortex 14"
Used by Coachman

	Grove No.	AL-KO No.
Lozenge insert	Special	1553574
Compact Kit	001885	1289825
Plus Kit		
Premium kit		

Lozenge No. 30 - Vortex 15"
Used by Coachman

	Grove No.	AL-KO No.
Lozenge insert	Special	1553575
Compact Kit	001886	1289826
Plus Kit		
Premium kit		

Lozenge No. 14 - Debut 14"
Used only by Swift

	Grove No.	AL-KO No.
Lozenge insert	Special	1389052
Compact Kit	001897	1287991
Plus Kit	001918	1287668
Premium kit	001950	1287738

Lozenge No. 15 - Challenger 14"
Used by Swift on Challenger & Conqueror models

	Grove No.	AL-KO No.
Lozenge insert	Special	1389816
Compact Kit	001892	1287992
Plus Kit	Special	1287996
Premium kit		

Lozenge No. 6 - Challenger 15"
Used by Swift on Challenger & Conqueror models

	Grove No.	AL-KO No.
Lozenge insert	Special	1389053
Compact Kit	001893	1287652
Plus Kit	Special	1287726
Premium kit	Special	1287739

Lozenge No. 16 - Rimfire 14"
Used by Swift on GTS, Vogue Cameo & Spectrum models

	Grove No.	AL-KO No.
Lozenge insert	Special	1389817
Compact Kit	001909	1287993
Plus Kit	001917	1287997
Premium kit		

Lozenge No. 17 - Rimfire 15"
Used by Swift on GTS, Vogue Cameo & Spectrum models

	Grove No.	AL-KO No.
Lozenge insert	Special	1389818
Compact Kit	001896	1287994
Plus Kit	Special	1287998
Premium kit	Special	1288328

Lozenge No. 5 - Mirage 14"
Used by Swift

	Grove No.	AL-KO No.
Lozenge insert	Special	1389043
Compact Kit	001906	1287644
Plus Kit	001914	1287717
Premium kit	001946	1287729

Lozenge No. 4 - Mirage 15"
Used by Swift

	Grove No.	AL-KO No.
Lozenge insert	Special	1389044
Compact Kit	001905	1287645
Plus Kit	Special	1287718
Premium kit	Special	1287730

Lozenge No. 3 - Star 14"
Used by Swift on a range of models

	Grove No.	AL-KO No.
Lozenge insert	Special	1389046
Compact Kit	001898	1287643
Plus Kit	001912	1287720
Premium kit	001949	1287732

Lozenge No. 18 - Star 15"
Used by Swift on a range of models

	Grove No.	AL-KO No.
Lozenge insert	Special	1389819
Compact Kit	001899	1287995
Plus Kit	Special	1287999
Premium kit	Special	1288329

Lozenge No. 23 - Roven 14"
Used by Swift on a range of models

	Grove No.	AL-KO No.
Lozenge insert	Special	1551985
Compact Kit	001894	1289106
Plus Kit	Special	1289107
Premium kit	Special	1289108

Lozenge No. 25 - Storm 14"
Used by Swift on a range of models

	Grove No.	AL-KO No.
Lozenge insert	Special	1552663
Compact Kit	001890	1289487
Plus Kit	001921	1289488
Premium kit		

Lozenge No. 26 - Storm 15"
Used by Swift on a range of models

	Grove No.	AL-KO No.
Lozenge insert	Special	1552664
Compact Kit	001891	1289489
Plus Kit	001920	1289490
Premium kit		

Security

FIAMMA SECURITY

Security handles

Security device made from solid painted aluminium with 30mm diameter and 2mm thickness. It also serves as a conventional handle to make entering and exiting the vehicle easier. Adapts to all doors opening both to the right and to the left

Security 31
31cm white   **001201**
31cm grey   **001200**

Security 46
46cm white   **001203**
46cm grey   **001202**

Security 46 PRO
Special version of Security for motor home doors or for applications where a strong structure is required. Made in light but solid aluminium. Delivered with Kit Security Lock that offers major safety and strength thanks to a third fastening point on the door
46cm white   **001204**

Security 31

Security 46

Security 46 PRO
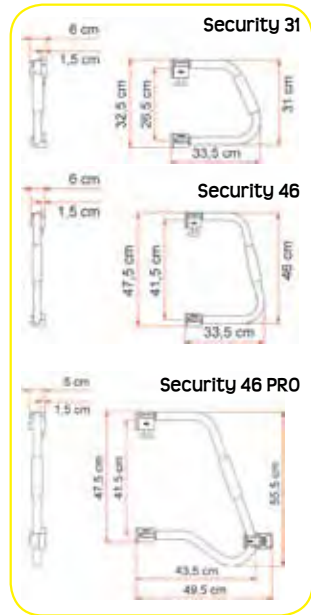
SAFE DOOR®

Safe Door®

Safety block for motor home or caravan door. It works as an anti-theft device as it is made from sturdy anodized aluminium without plastic parts. It is easily installed to the vehicle wall with bolts and internal support brackets
white   **001205**

Safe Door®

Safe Door® Frame

A Safe Door® that is installed on the side frame of the door or garage compartment with self-tapping screws.
white   **001207**

Safe Door® Frame
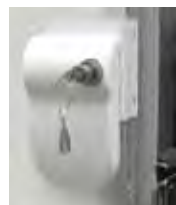
Safe Door® Magnum

A Safe Door® with extended length to 20cm in order to cover the locks of camper doors
White   **001211**

Safe Door® Magnum

Trailer hitchlocks

AL-KO coupling lock

A compact and sturdy universal 50mm ball coupling lock. Available singly or 5 per outer
002092

Grayston hitchlock

To fit 50mm ball couplings. Supplied with 2 keys
002087

Trailerlock Mk2

Fits into hitch head. Comes with allen key and 2 keys. Suitable for 50mm ball couplings
002090

AL-KO AKS 1300 lock

Integral lock for the AKS1300 stabiliser. Comes with 2 keys
002118

AL-KO AK 10 lock

Integral lock for Al-Ko AK 7, 9 + 10 hitches. Comes with 2 keys.
Available singly or 10 per outer **002105**

AL-KO AK 13 lock

Integral lock for Al-Ko AK13, AK21 and AKS 2700 stabiliser. Comes with 2 keys **002116**

Locks and keys
Exterior door locks

WOW A left hand lock fits on a door with the hinges on the left as you look from the outside

Caraloc 680
001001

Caraloc 700
Left hand   001078
Right hand   001089
Exterior only   001091
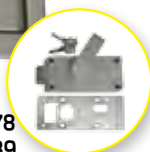
W4 external locker door lock
Replacement door lock assembly complete with WD lock and 2 keys. Used by manufacturers on external lockers
001169

Caraloc 640
Left hand complete   001103
Right hand complete   001105
Left hand interior only   001104
Right hand interior only   001106

Caraloc 2000
Left hand complete   001012
Right hand complete   001014
Left hand interior only   001013
Right hand interior only   001015
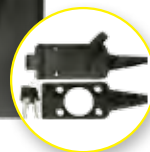
Zadi round door lock
Right hand black   001131
Left hand black   001132
R/H cream   001133
L/H cream (black interior) 001134

Compartment lock assembly
Complete assembly and 2 keys
001168

Keys
All keys are supplied individually packed in outers of 3

MC keys
To fit Caraloc door locks 1-80
001147 followed by key number

WD keys
72 keys numbered between 1 and 199.
001155 followed by key number

Zadi key
70 keys numbered between 9600 and 9800.
001152 followed by key number
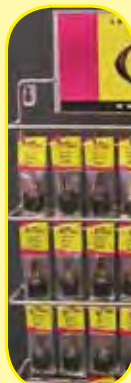
W4 Identitags (4)
10 per outer
001135

Key merchandisers
Includes 3 keys of each available number

MC 1-40   **001149**
MC 41-80   **001150**

WD 72 keys between 1 and 199 **001160**

Zadi 70 keys between 9600 and 9800 **001153**

Caraloc
Spare barrel
Supplied with 2 MC keys
001130

Security barrel
To replace caraloc and WD standard barrels with a high security lock with over 1000 combinations. Comes with removal tool and 4 keys
002127

WD Series
Spare barrelS
Supplied with 2 WD keys

WD standard barrel with removal tool   **001164**

WD short barrel   **001166**

A short WD barrel lock with a female thread to enable attachment to gas locker door mechanisms.
001167

Zadi
As used on Hartel doors and Vecam lock assemblies
Spare barrel
Supplied with 2 Zadi keys
001154

Snake-Cut Lock
Replacement barrel lock cylinder, complete with one fold-away key fob and one over-moulded key. As used by Coachman Caravans
001170

Locker locks
1 Black oblong 50mm
001161

2 Black square 45mm
001180

3 Black square 45mm inc cover
001162

4 Chrome
001182

Alarm systems

IDM4 Alarm kit
A keypad operated alarm system utilising the latest power saving technology. The system is able to operate for many months from its integral battery, thus removing reliance on the leisure battery. The main features are:
- Stylish keypad with 10,000 possible codes, sensor and battery test functions and programmable settings
- 3 possible power sources – plug-top charger, leisure battery, solar panel (optional extra)

002174

IDM alarm spares

IDM PIR sensor
Fits IDM 2, 3 & 4
002173

IDM charger
Fits IDM 2, 3 & 4
002171

IDM battery
Fits IDM 2, 3 & 4
002172

RF100 advanced alarm system
A keyfob operated alarm system utilising the latest power saving technology. The system is able to operate for many months from its integral battery, thus removing reliance on the leisure battery. The main features are:

- Pocket keyfob complete with arm/disarm button, 2 x 12v switching channels (also 230v via adaptor), secure rolling code algorithm, low battery detection
- PIR, tilt/movement and contact sensors
- Low battery consumption
- Charging via leisure battery, mains or optional solar panel
- Outputs for triggering paging and tracking systems

002176

Caravan alarm system
Two multifunction, 4 button easy to use remote key fobs. Micro processing tilt/motion sensor. Advanced interior movement sensor. Auto charging battery back up siren. Visual or non visual status LED illumination. Easy connection design **002150**

Safes & padlocks

AL-KO Personal effects safe
Complete with removable internal shelf, mounting plate, with all fixing and 2 keys. External Dimensions: 300 x 240 x 200mm, Internal Volume: 14 Litres, Outer wall thickness: 3mm, Weight: 8.5kgs
002165

Waterproof laminated padlock
Available singly or 20 per outer
001177

Waterproof 65mm padlock
10 per display outer
001174

Security cable and lock
10 per outer **001176**

Rolson heavy duty chain and padlock
3 per outer **001178**

Key rock

Safe Can
Store your valuables where the thief won't find them. All labels and cans are 100% genuine and supplied by the manufacturer under licence. Recognised by Police Forces, Neighbourhood Watch groups and Insurance Companies worldwide as an excellent deterrent to theft, the Safe Can is an ideal place to hide money, jewellery and valuables. Just unscrew one end to reveal a great hiding place. Supplied 10 per outer

Key rock **002256**   Soup   **002252**   Beans   **002253**

Supplied 50 per outer
Assorted soup, beans, spaghetti **002250**

Other security

Remote control P.I.R.
Detects human movement - 110° arc. 105dB alarm. Activated by remote control (2 with batteries supplied). The P.I.R. is also battery powered (4 x AA not supplied). Can be used free standing or wall mounted **002160**

Solar powered dummy camera
Solar panel with rechargeable batteries. Flashing red light. Robust and weather proof body. Indoor and outdoor use. Operational during day and night.
Wall mountable with 360° rotating base
002216

Personal alarm with LED
Super bright 1 LED 13000-15000 MCD. Supplied with 4 AG13 batteries. 102dB alarm. When pin is pulled out alarm will sound. **002167**

Corner steady lock
For use with AL-KO premium corner steady
007436

Engraver 3V
Rolson pen style engraver. Security mark your valuables for easy identification.
002260

Plugs, sockets, multisockets and testers

Ring 12v MultiSockets & testers

RING Automotive

Enables multiple use of 12v appliances with cigar lighter plugs. All come with battery status indicator with the exception of 011701 & 011710. All are blister packed with euro slot

Twin MultiSocket & tester
Available singly or 10 per outer
011702

Triple MultiSocket & tester
Available singly or 10 per outer
011703

4-way MultiSocket & tester
Available singly or 10 per outer
011704

Can Multi-Socket & tester
10 amp 12v DC can shaped multi socket with battery analyser, width adjusting fitment collar, guide light rings and coiled cable. Available singly or 10 per outer
Twin with twin USB   **011714**
Triple   **011716**

USB MultiSocket charging adaptor
12v USB charging socket suitable for MP3 and mobile phone recharging. Available singly or 10 per outer **011710**

Twin MultiSocket
Available singly or 10 per outer **011701**

Twin MultiSocket 12v/USB & tester
Allows the recharging of MP3 players and mobile phones. Available singly or 10 per outer **011712**

12/24v plugs and sockets

Lighter type socket
12/24v, surface mounted, heavy-duty socket. 20amp
011695

Lighter type socket & cap
12/24v. Panel mounted, with a dust and splash proof cap. Push fit mounting. 20amp
011698

DIN to Lighter type converter
12/24v. Converts any single pole socket to a lighter-type socket. No fuse. 8amp
011691

DIN socket & cap
Single pole socket surface mounted with a dust & splash-proof cap. 16amp
011690

DIN multisocket
12/24v. Three single pole sockets mounted on a 90 x 36mm panel. 16amp
011693

Universal plug
12/24v. Heavy duty suitable for use in both lighter type sockets and single pole sockets. 8 amp fused
011665

Universal plug
12/24v. Heavy duty suitable for use in both lighter type sockets and single pole sockets. 16 amp fused, built in power indication LED
011694

Bendable universal plug
A heavy duty plug similar to 011665 but can be angled at up to 90°. 8 amp fused
011696

Standard DIN plug
12/24v basic single pole plug without a fuse. Rated 8amp
011689

Standard DIN plug
A high-quality single pole plug without a fuse. Rated 15amp
011697

Coiled extension lead
12/24v. 8amp fused universal plug with coiled cable (0.6 to 3m) **011699**

Lighter socket extension 3.6m
12/24v. Heavy-duty extension lead rated to 20amps. Lighter-type plug on one end, lighter-type socket on the other. Length 12 feet, 3.6 metre **011682**

4-way multi-plug power adaptor
Provides 12v power from a lighter type socket to appliances. Contains the following plugs: 1 x 2.5mm mini jack & 1 x 3.5mm mini jack and 1 x 2.1mm power & 2.5mm power connections **011688**

Electrical

Plugs, sockets, multisockets and testers

W4 illuminated cigar socket
Flush fitting in 28mm round hole. 12v
011671

W4 surface mounted lighter socket
Flush mounted socket for permanent fixing.
10 per outer **011669**

W4 lighter socket
Inline socket. 10amp. 10 per outer
011649

W4 fused lighter Plug
With 5amp fuse. 10 per outer **010647**

W4 2-way adaptor
Converts a lighter type socket to a double socket - internally fused at 15amps. Available singly or 10 per outer **011685**

W4 cigar plug/socket lead
Adaptor lead to extend lighter type sockets to a distance of 2 or 5 metres. Fuse (5 amp) built into plug. Available singly or 10 per outer
2m **011675**   5m **011680**

W4 Dual USB charging point
Available singly or 10 per outer
011720

W4 DIN socket
Single pole flush fitting socket **011631**

W4 DIN plug & socket
Single pole 8A plug & socket. 10 per outer
011630

Hella plug and socket
Single pole plug. Available singly or 10 per outer
011635
Single pole socket & cap
011646

W4 adapt-it
2 pin 12v plug to lighter type socket adaptor. 10amp. Available singly or 5 per outer **011650**

W4 adapt-it 2
3 pin 12v plug to lighter type socket adaptor. 2amp. Available singly or 5 per outer **011652**

W4 adapt-it 3
Parallel pin 12v plug to lighter type socket adaptor. 10amp. Available singly or 5 per outer **011654**

W4 adapt-it 4
2 fully insulated crocodile clips to lighter type socket adaptor with 1 metre cable. 10amp. Available singly or 5 per outer **011655**

W4 adapt-it 5
Single pole plug to lighter type socket adaptor. 8 amp. Hella type. Available singly or 5 per outer
011657

Berker sockets

230V 13A socket
White **038800**
Anthracite **038801**
Brown **038802**

Rocker switch
White **038828**
Anthracite **038829**
Brown **038830**

Rocker switch twin
White **038832**
Anthracite **038833**
Brown **038834**

12V single pole socket
White **038808**
Anthracite **038809**
Brown **038810**

TV aerial point
White **038812**
Anthracite **038813**
Brown **038814**

TV/satellite point
White **038816**
Anthracite **038817**
Brown **038818**

Satellite point
White **038820**
Anthracite **038821**
Brown **038822**

USB charging point
White **038824**
Anthracite **038825**
Brown **038826**

12V cigar socket
Anthracite **038805**

Single frames
Granite **038851**
White **038852**
Anthracite **038853**
Brown **038854**
Chrome **038855**
White & lid (IP44) **038870**
Anthracite & lid (IP44) **038871**

Back box
038850

Double frames
Granite **038860**
White **038861**
Anthracite **038862**
Brown **038863**
Chrome **038864**

Triple frame
Anthracite **038866**

Clipsal plugs, sockets and switches

Beige **Please note:** Clipsal beige plugs and sockets have been discontinued by the manufacturer. Products shown are currently still available. Unfortunately other Clipsal beige items are not available even by special request

2 pin plug
10 amp polarised plug
038610
W4 2 pin 12 volt plug. 10 per outer **038609**

2 pin socket
15 amp polarised socket
75mm x 32mm
038615

Single switch
75mm x 32mm
038625

Coax socket
75mm x 32mm
038620

Mounting box
For units measuring
86mm x 32mm
038650

Coax and 2 pin socket
86mm x 32mm
038635

Double switch
230v 10 amp two gang 1 way/2 way.
86mm x 32mm
038640

Illuminated single switch
86mm x 32mm
038645

2 pin socket
15 amp polarised socket
87mm x 87mm
038617

2 pin socket and coax
87mm x 87mm
038678

Fused switch with neon
230v 13 amp fused switch with neon indicator
038675

Coax socket
87mm x 87mm
038622

Plug
13 amp
038672

Blanking plate
038686

3 pin plug
2 amp
038600

3 pin socket
2 amp
038605

Black / Brown/ silversand

2 pin plug
12v polarised plug
038613

2 pin socket
12v polarised socket.
75mm x 32mm
038614

Single switch
10 amp switch.
75mm x 32mm
038633

Coax and 2 pin socket
86mm x 32mm
038638

Double switch
10 amp. Two gang switch.
86mm x 32mm
038643

Single gang socket
Brown and silver sand
038682

2 pin socket and coax
12v 2 pin polarised socket and coax socket 87mm x 87mm
038681

Silver sand surround only
038684

Single surface mounting box
89mm x 89mm x 30mm
038663

Divided box
For two single sockets. Dimensions Overall: 175mm x 85mm Recess: 165mm x 75mm
038669

Single flush mounting box
89mm x 89mm x 30mm
038662

Single flush mounting box
With push on black trim.
89mm x 89mm x 30mm
038664

Twin flush mounting box
With push on black trim.
149mm x 89mm x 30mm
038674

W4 mains backing boxes
Suitable for flush fitting of most 13 amp sockets. Box simply pushes into cavity. Integral lugs click into position to retain box and clamp on partition when pulled forward. Self adjusting for material thickness 1-10mm. Available singly or 10 per outer
Single **038723**
Double **038724**
Twin **038725**

CBE sockets and switches

WOW CBE switches and sockets are supplied in three parts. Please order the support frame and "nl" frame as well as the switch or socket required.

Single support frame grey
86x78mm **038500**

Double support frame grey
139x78mm **038503**

Triple support frame grey
192x78mm **038506**

Single module "nl" frame	Light grey 038509	Dark grey 038518
Double module "nl" frame	Light grey 038512	Dark grey 038521
Triple module "nl" frame	Light grey 038515	Dark grey 038524

12V Switch
2 way. Grey **038527**

12V Switch & LED
Grey **038530**

12V Double switch
2 way. Grey **038533**

12/24V Switch & 3 position step switch
2 way. Grey **038563**

Pump & light switch
Grey **038560**

230V uk socket
Comes with back box
Grey **038536**

12V lighter type socket
Grey **038545**

12V watertight lighter type socket
Grey **038548**

12V Single pole socket
Grey **038551**

USB charging socket
Grey **038539**

TV & satellite socket
Grey **038542**

12V lighter type, TV & satellite socket
Grey **038554**

12V single pole, TV & satellite socket
Grey **038557**

CO detector
Grey **038572**

LPG detector
Grey **038575**

12V battery tester
4 level indication.
Includes frame and spacer. Grey **038569**

Waste & fresh water level indicator
4 level fresh and full indication waste. Includes 2 x 4m cables, frame, spacer and probes. Grey **038566**

Fresh water level indicator
4 level indication.
Includes 4m cable, frame, spacer and probe. Grey **038578**

Waste water level indicator
4 level indication.
Includes 4m cable, frame, spacer and probe. Grey **038581**

Fuse holder 4 fuse
Grey **038590**

Digital clock
LCD 65x32x11mm
038584

Fuse holder 50A
038587

Back box
50mm 34mm depth
038593
45mm 22mm depth
038596

(W4) Electrical 1 - Bulb and Fuse

Complete stand

Complete with 10 packs of 48 of the best selling items in this range. Items marked * are not included on the stand **010700**
All sold in outers of 10 unless otherwise stated

Bulb terminoligy

Ba = bayonette fitting
G/GX = Bi-pin connector
S = Single contact
E = Eddison screw fitting
GU = Twist lock Bi-pin connector
d = Double contact

WOW All W4 pack-it items can be ordered loose at a preferential rate. Please speak to your sales contact for details.

12v 4W Ba9s
Side/No. plate
010511

12v 10W Ba9s
Halogen
Side/No. plate
010650 *

12v 5W capless
Tail/side
010556

12v 5W Ba15s
Tail/side
010512

12v 21W Ba15s
Indicator
010510

12v 21W Ba15s
Amber. *Indicator*
010564
Offset pins
010595

12v 21/5W
Ba15d
Stop/tail
010509

12v Ba15d
Tail/interior
5W **010550**
21W **010553**

12v G4 Halogen (2)
Interior
5W **010543**
10W **010563**
20W **010591**

240v 25W G9
halogen
Interior
010544

12v G4
30° MR11
dichroic
Interior
10W **010533**
20W **010534**

12v GX5.3
36° MR16
dichroic
Interior
10W **010651**
20W **010652**

12v LED GX5.3 36°
MR16 dichroic
Interior. Available singly
15 LED **010655 ***
20 LED **010656 ***

230v GU10
40° dichroic
Interior. Available singly
20W **010588 ***
50W **010589 ***

230v LED GU10
40° dichroic
Interior. Available singly
15 LED **010657 ***
20 LED **010658 ***

12v Ba15s
Interior
10W **010551**
15W **010552**

12v Ba15s
Halogen
Interior
5W **010558 ***
10W **010559 ***

12v 24W
B22d
Interior
010560 *

12v E14
Interior
15W **010554 ***
25W **010555 ***

230v B22d
Globe bulb
Interior
25W **010590 ***
40W **010596 ***

230V 25W E14
Pigmy bulb
Interior
010561 *

230v 25W E14
Golf ball bulb
Interior
010562 *

12v Festoon
Interior/Awning
5W **010508**
10W **010513**
18W **010557**

10A in-line fuse holder
010516

Blade fuse holder
010642

4 Way blade fuse box
010594

LED Blade fuses (3)
LED glows when fuse blown
5A **010670 ***
10A **010671 ***
15A **010672 ***
20A **010673 ***

Mini blade fuses mixed (8)
2 x 5A, 10A, 15A & 20A
010631 *

Mini blade fuses (3)
5A **010605**
10A **010610**
15A **010615**
20A **010620**

Blade fuses mixed (10)
2 x 3A, 5A, 10A, 15A & 20A
010633 *

Blade fuses (3)
3A **010634**
5A **010635**
7.5A **010636**
10A **010637**
15A **010638**
20A **010639**
25A **010640**
30A **010641**

30 x 6.35mm fuses (3)
3A **010519**
5A **010520**
10A **010521**
15A **010518**

Mains fuses 30mm mixed (6)
2 x 3A, 5A & 13A
010644

Continental fuse mixed (6)
2 x 8A, 16A & 25A
010643

20 x 5mm fuses (3)
1A **010632**
2A **010522**
3.15A **010523**
5A **010524**
10A **010525**

Bulb and fuse kits

W4 Inside/outside bulb and fuse kit

Contents:
20mm fuses (*1A, 2A, 3A, 5A & 10A*)
30mm fuses (*5A, 10A & 15A*)
Mains fuses (*5A & 13A*)
Blade fuses (*3A, 5A, 10A & 15A*)
12v bulbs x 9 (*Stop and tail, flasher/ fog, no. plate, tail, 10W spot, 15W spot, 10W G4, 5W festoon & 10W festoon*).
Available singly or 25 per outer
010800

W4 Budget bulb and fuse kit

Contents:
12V bulbs x 7 (*5W festoon, 4W Ba9s, 5W capless bulb, 5W Ba15s, 10W Ba15s, 21W Ba15s & 5/21W Ba15s*)
Blade fuses (*10A, 15A*)
010801

W4 Motor home headlight kits

Contents:
12V bulbs x 7 (*5W festoon, 4W Ba9s, 5W capless bulb, 5W Ba15s, 10W Ba15s, 21W Ba15s & 5/21W Ba15s*)
Blade fuses (*10A, 15A & 20A*)
Mini blade fuses (*10A & 15A*)
Plus the following
H1 headlight bulb **010803**
H4 headlight bulb **010804**
H7 headlight bulb **010805**

Universal bulb kit

Contents: H1, H4 & H7 headlight bulbs. 11 assorted bulbs, 3 assorted blade fuses and 2 assorted mini blade fuse
010802
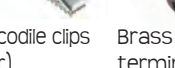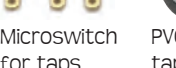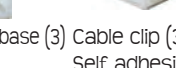
(W4) Electrical 2

Complete stand

Complete with 10 each of the 48 best selling items in this range.
Including the W4 fused lighter plug on page C2 and the TV pack-it range
on page D10 **010598**
All sold in outers of 10

WOW Cable terminals are colour coded for easy identification
Red for fitting to 0.5-1.5mm² cables
Blue for fitting to 1.5-2mm² cables
Yellow for fitting to 4-6mm² cables
Workshop bulk packs can be found in section Q

Push-On terminal (3)
Male 6.35mm
Red **010569**
Blue **010570**

Push-On terminal (3)
Female 2.8mm
Red **010575**

Push-On terminal (3)
Insulated female
6.35mm
Red **010566**
Blue **010567**

Piggy back terminal (3)
6.35mm
Blue **010573**

Push-on terminal & cover (4)
Female 6.35mm
010503

Ring terminal (3)
Blue 6mm ⌀ **010578**
Yellow 8mm ⌀ **010579**

Self stripping cable connectors (4)
Blue **010506**

30A Terminal strip
6 way
010500

15A Terminal strip
12 way
010504

2A Terminal strip
12 way
010531

Cable clip (10)
Flat 10mm
010501

Cable clip round (10)
6mm **010502**
10mm **010565**

Cables ties
100 x 2.5 mm (6)
010526
190 x 4.8 mm (3)
010527

Releasable cable ties (3)
300 x 4.8 mm **010593**

Crocodile clips (pair)
5A **010517**

Crocodile clips (pair)
50A **010529**
25A **010530**

Brass battery terminals (Pair)
010645

Press switch
010514

Bolt set (3)
For towing sockets
M5 X 35mm
010515

Microswitch for taps
010583

PVC insulation tape 19m x 4.5mm
010507

Cable tie base (3)
010528

Cable clip (3)
Self adhesive
010592

WOW All W4 pack-it items can be ordered loose at a preferential rate.
Please speak to your sales contact for details.

Voltage testers

W4 Battery tester
Useful gadget for checking power in all sizes of dry cell batteries.
Available singly or 10 per outer
016093

DC voltage tester
6-24v DC tester with neon indicator complete with 1 metre lead and crocodile clip.
Available singly or 10 per outer
016041

The intelligent screwdriver
Tests voltage, continuity, bulbs, fuses and much more. Availabe singly or 10 per outer **016092**

Digital voltage tester
This product is easy, safe, quick and accurate to use. It will detect AC voltage, is a neutral checker and performs earthline connection checks.
20 per outer **016091**

W4 Compact digital multimeter
Tests AC/DC voltage, DC current, resistance. Audible continuity check. Automatic low battery indicator. Available singly or 10 per outer **016094**

W4 Digital multimeter
Tests AC/DC voltage, DC current and resistance, diode & transformer check. Audible continuity check. Auto polarity indication. With Impact resistant holder and plug in leads. Battery supplied. Available singly or 10 per outer **016096**

Rolson Digital multimeter
Tests AC/DC voltage, DC current, decibel ratios, continuity, diode & transistors. With plug in leads. Battery supplied. Available singly or 24 per outer **016097**

Battery, bulb & fuse tester
Checks power level of most 1.5V & 9V batteries. Also checks power level of most fuses and bulbs. Easy to read meter. Requires 9V battery. Available singly or 12 per outer **019210**

Emergency power

4 in 1 Universal power adapter
230V, 12V and USB charging system. Adaptors for iPhone (4 generations), Blackberry, PSP and others.
4 per outer
017101

3 in 1 Universal power adapter
12V and USB charging system. Adaptors for iPhone (4 generations), Blackberry, PSP and others.
5 per outer
017102

Emergency phone charger
Suitable for charging Nokia, Samsung, Iphone, Ipod and Motorola. Includes mini USB adaptor. Supplied with AA battery. 12 per outer
011750

5 in 1 charger
Comes with five different adaptors to charge various phone brands such as Siemens, Nokia and Sony Ericsson through car cigarette socket.
6 per outer
017100

230v plugs, sockets and accessories

Mains site plug
230v male 3 pole 16A plug complying with BS4343 and IEC 309 CEE17
Available singly or 10 per outer
W4 packed **016007**
Bulk loose **016008**

Mains coupler
230v female 3 pole 16A plug complying with BS4343 and IEC 309 CEE17
Available singly or 10 per outer
W4 packed **016018**
Bulk loose **016019**

Mains hook-up adaptor U.K.
Enables a mains lead to be connected to a 13A 3 pin socket
Available singly or 10 per outer
W4 packed **016118**

Mains hook-up adaptor continental
Enables a mains lead to be connected to a continental 13A 2 pin socket
Available singly or 10 per outer
W4 packed **016125**

13A trailing socket
230v male site plug with 13A trailing socket. Available singly or 10 per outer **016090**

W4 Mains angled inlet
Surface mounted 230v male 3 pole 16A inlet complying with BS4343 and IEC 309 CEE17
016029

W4 flush mains inlet
230v male 3 pole 16A mains inlet with lever release in an IP44 housing.
Installation hole: 100x100x80mm (HxWxD). Available singly or 10 per outer. White **016045**

Cover and pins
Fits 016036, 016038, 016039 and 016043 (by cutting fins).
160 x 100mm
016040

Oblong flush mains inlet
230v male 3 pole 16A mains inlet in an IP44 housing. Installation hole: 150x92x65mm (HxWxD)
016036

W4 flush mains outlet
230v female 13A socket in an IP44 housing. Installation hole: 150x92x65mm (HxWxD)
016039

W4 waterproof flush socket
IP55 230v 13A socket in an IP44 housing. Installation hole: 150x92x65mm (HxWxD)
016043

W4 flush dual 230v/12v outlet
230v female 13A socket & 12v lighter type socket in an IP44 housing. Installation hole: 150x92x65mm (HxWxD) **016038**

Garage socket
230V female 3 pole 16A mains outlet. IP44
016049

W4 waterproof socket
230v 13A socket IP55
016044

Travel adaptor
UK 3 pin socket to Euro 2 pin plug 7.5A capacity. Available singly or 10 per outer **016130**

230v mains testing equipment

W4 mains tester
For electrical safety. Considered essential on the continent. Tests Earth, Live and Neutral. Available singly or 5 per outer
016099

W4 mains testing kit
For checking the polarity directly from site electrical post. Components can be used separately
016095

W4 Universal mains testing kit
All you need to test the site supply at source, both in the UK and Europe. Especially useful for testing for polarity reversal
016100

230v mains leads and accessories

Heritage "Keep Calm and Caravan" mains cable bag
100% cotton canvas hitch cover with drawstring. Wet and rotproof. High quality desirable product **016177**
Also available in more economical Nylon **016176**

WOW Heritage range. Choose your colour, change the crown for your logo or even display your phone number? - all for the same unit cost. Minimum order quantity - 50. Please speak to your sales contact for more details. For personalised product please allow 6 weeks for first time orders and 4 weeks for repeat orders to receive your delivery. Mains cable bag **016178**

The Heritage range also available in a hitch cover (see section A) **007345** and a peg bag (see section T) **109563**

Mains extension lead
Specification 16A 230V cable to BS6500 1975
10m lead **016171**
25m lead **016172**

Mains cable
100m roll **016175**

Mains lead bag
Reinforced nylon bag **016174**
Printed bags
Minimum 100 **016173**

WOW Printed bags have the same unit cost as standard bags (for single colour printing) minimum quantity 100. Please speak to your sales contact for more details. For personalised product please allow 6 weeks for first time orders and 4 weeks for repeat orders to receive your delivery.

W4 cable keeper & storage bag **016267**

W4 cable keeper
Will hold up to 25 metres of cable **016266**

Cable connecting case
Waterproof safety box for housing the connection when using 2 mains cables
016170

Cord wheel
Stores up to 45 meters of cable, cord, rope or flat hose keeping it tangle free and ready for use.
6 per outer **016268**

Cables
Priced per metre. Sold in rolls.

7 core Black PVC sheath with PVC insulated cores - 21 x 0.2mm 100m roll	011542
7 core Black PVC sheath with PVC insulated cores - BS 16452004/5 100m roll	011544
7 core Grey PVC sheath with PVC insulated cores - 6 of 21 x 0.3mm and 1 of 35 x 0.3mm 30m roll	011553
Twin flat Twin core flat cable 2 x 32/0.2, 8 amp, (1.0mm²) black sheath, 30m roll	011586
Mains cable 3 x 2.5mm² with orange outer sheath 100m roll	016175

Mains power supply

CEC mains unit 225SPN
Fully insulated enclosure containing a 40A RCD and two single pole, neutral switched MCB's (10A and 6A). Used in conjunction with a charging system and distribution panel the 225SPN can supply and protect all aspects of power supply to a caravan or motor home.
Dimensions: 183x118x104mm (HxWxD)
017050

CBE DS120 mains distribution unit
The DS120 is a RCD main switch with a double pole 13A MCB to control and protect various mains circuits. 138x180x85mm
017004

W4 mains electrical pack
Contains all the necessary components for a safe and efficient mains installation in a caravan. Full fitting instructions supplied
016277

Mains and 12v power supply

Stellings
Powered by Sanken

STE48 Mains consumer unit
Charger Specification
- 230v AC Input 1.5A 50/60HZ
- 18A Maximum output current
- 14.5v Maximum output voltage
- Protected from output faults
- Operating temp. -25°C to +50°C

Main Unit Specification
- 0-16A 230v AC Input (Site Limited)
- 3 x 10A MCB - 40A RCD Protected
- Water & Space Heater Outputs
- BS EN 60335-2-29 Approved

Available singly or 5 per outer
017125

Wiring harness adapters
STE48 to Nord NE143RM **017128**

017127 STE48 to Nord NE143DU

WOW All Stellings products have a 2 year guarantee.

CBE DS300 12V distribution unit
With 9 fused circuits
017006

CEC PMS 3
Power management system combining mains/12V distribution and protection with a 18A battery charger. Terminal block connections for easy installation. 40A RCD, 3 resettable MCBs (10A, 6A & 6A), polarity indicator, pump switch, battery selector switch and battery condition indicator
Vertical **017040**

Horizontal **017041**

CEC PMS 4
A combined mains 230v AC and 12v DC distribution unit. Earth leakage protection via 40A RCD device. Over current protection via 3 x MCB devices (10A, 6A & 6A). Reverse polarity 240v neon indicator. 12A or 18A charger with overcurrent, short circuit and thermal protection. Six fused outputs via automotive blade fuses. Connecting kit with all necessary plugs and sockets provided. Dimensions: 225x335x115mm
017051

CEC ESM 2000/2 supply module
Designed to operate on a mains supply of 185-265 volts AC. The 40A RCD gives protection against earth faults and also acts as the main switch. Includes 3 resettable MCBs, to protect against overcurrent.
Allocation of the MCBs is as follows:
MCB1 (10A) - Sockets / heater
MCB2 (6A) - Water heater / Lights
MCB3 (6A) - Fridge / Charger
Includes a transformer/charger. Provides 12V circuits with power and charges the 12V battery when connected to the mains supply. 18A maximum output.
Dimensions: 225x123x255mm (HxWxD)
017045

Mains and 12v power supply continued...

CF8 charger

Fully automatic electronic charging plus 230/12v conversion. 12A max charge depending on battery state. Up to 4.5A continuous current on transformer. Features include 3 x 10A switched and fused outlets for the vehicle accessories, battery condition monitor, automatic self re-setting, current overload and thermal trip. Dimensions: 162x206x110 (HxWxD)

Black **017024**   Brown **017026**

CF9 charger

Fully automatic electronic charging plus 230/12v conversion. 12A max charge depending on battery state. Up to 4.5A continuous current on transformer. switched selection of source, car or auxiliary battery. Double pole illuminated mains switch. Safety - the C9 incorporates no less than 8 protection devices to eliminate overheating and over current problems. Dimensions: 105x300x140mm (HxWxD)

Brown **017028**

Chargers

CBE chargers

Designed specifically for the caravan, motorhome and marine markets. These chargers have thermal protection from overheating and short circuit and reverse polarity protection on 12V. For lead acid and gel batteries. TUV approved. Available in 10A or 16A maxiumum charge versions. Automatic operation, once voltage is reached it will continue to charge for 90mins (lead acid) or 8hrs (gel). Continuous maintenance 13.5V (lead acid) and 13.8V (gel). After 10 hours of maintenance the charger will switch to standby and charge again only when the battery drops below 13V. Dimensions: 180x140x85mm (LxWxD)

10A CB510 **017000**
16A CB516 **017001**

STE47 3 stage charger 18A

- 230v AC Input 1.5A 50/60HZ
- 18A maximum output current
- 14.5V maximum output voltage
- Protected from output faults
- Operating temp. -25°C to +50°C
- BS EN 60335-2-29 Approved

Available singly or 5 per outer
017138

3 stage 18A open charger

Specification as 017138 without cover
017124

CEC 3 stage charger 18A

A light weight and efficient leisure battery charger. Thermal, short circuit and overload protection. Fan protection. 3-stage charging – bulk mode, absorption mode and float mode – charges your battery to 100% capacity. Operates from 184v to 264v AC. Temperature operation -25°C to +50°C. Dimensions: 176x162x74mm (LxWxD)
017053

X70 ce charger 12.5A

A lightweight compact battery charger and power supply with a stabilised output for maximum efficiency and control. L195 x W115mm x H70mm
017020

X80 ce charger 16.5A

A lightweight 230V AC low noise forced cool battery charger and power supply with increased power for additional accessories. L195mm x W115mm x H90mm
017022

Open charger for CEC 18A

This open charger can be used on all CEC units. May need slight adjustment on the fixing points on older models. If you are using this on an ESM2000 make sure the small switch on the side is pointing at "FLOAT" not "3 stage". Dimensions: 167x113x59mm (LxWxD)
017052

Impulse battery charger
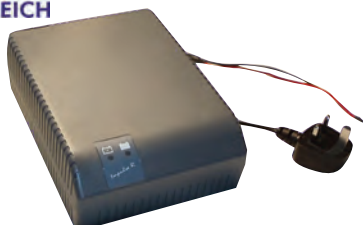
The Impulse is a fully automatic computer controlled and safeguarded power supply and charger. TUV/GS approved, designed with double insulation. Operates in low voltage situations (e.g. 200v) to help prevent damage the leisure battery

- High frequency technique
- Weight 1.5Kg
- Can be used as a power supply without battery
- Suitable for lead acid and gel batteries
- Automatic overheating reset
- LED fault finding

10 amp **017070**

Control panels and indicators

Zig VM4 voltmeter
Only two connections required for accurate up to date battery condition. The meter's scale reads from 8 to 15 Volts with warning areas either side of the optimum voltage. Black **017030**

Zig CPX7 control panel
The ZIG CPX7 battery condition meter allows both car and caravan battery voltages to be monitored from the caravan depending on which is being used to supply power. Dimensions 60x95x50mm. Black **017034**

Zig MK1 control panel
Three way switched and fused 12v distribution panel, analogue battery condition monitor and power source selector switch. Black **017032**

CEC Custom volt meter
Provides a useful indication of the voltage available at your battery terminals **017055**

CBE 12V battery tester
4 level LED indication. Includes frame and spacer. Grey **038569**

CEC KT9SCU distribution panel
Switch the power from car/cab batteries and van/auxiliary batteries or isolate both. Includes pump isolation switch which will inhibit the inboard or outboard water pump. Pump running indicator displays water pump activity **017057**

Zig WG4 water gauge
12v water guage suitable for all water tanks. It can also be fitted to portable water carriers. At the push of a button the gauge provides an accurate reading. Dimensions: 65x85x60mm (HxWxD) Probe: 8 Inches (cut to size)
Black **017036**   Brown **017038**

CBE PC200 control panel
LCD control panel only. Microprocessor controlled digital system. Includes: Clock, battery (car and aux) level indication, fresh water level indication (%), internal and external temperature display, and controls for lights, water pump, fridge, car battery charging and exterior lights. Fuse protection and save battery function. Dimensions: 192x78mm
017003

WOW To make up a PC200 kit add the following items to the control panel.
017006 DS300 12V distribution and fuse protection
017000 10A charger or **017001** 16A charger
Fresh water tank probe **017007** 400mm or **017009** 300mm
017010 Waste water tank probes
017012 Cables for probes - please order 1 for fresh and 1 for waste if necessary - not illustrated
017013 Cables for control panel - not illustrated
017015 Cables with internal and external temperature sensors
038587 50A fuse and fuse holder

017000 or 017001

017006

017015

038587

017010

017007 or 017009

CBE Waste & fresh water level indicator
4 level fresh and full indication waste. Includes 2 x 4m cables, frame, spacer and probes. Grey **038566**

CBE Fresh water level indicator
4 level indication. Includes 4m cable, frame, spacer and probe. Grey **038578**

CBE Waste water level indicator
4 level indication. Includes 4m cable, frame, spacer and probes. Grey **038581**

Truma text control
Control your Truma heaters with the Text Control that allows you to turn on and off your Truma product by simple text message. **017130**

More chargers

CTEK chargers

Charges all types of batteries to the maximum capacity. Lightweight and portable. Enables the leisure battery to provide as much as 25% more power than the 'on board' system. Can significantly prolong a battery's life. Can help prevent a 'dead' battery. Can be permanently connected to ensure perfect battery condition. Guaranteed for 2 years

MXS 3.6 charger 3.6A (Battery size 1.2ah to 120ah) **010025**
MXS 5.0 charger 5.0A (Battery size 1.2ah to 160ah) **010026**
MXS 7.0 transformer/charger 7.0A (Battery size 14ah to 225ah) **010027**

RING POWERING • **Smart battery charging** • **Diagnostics** • **Repair and maintenance**

Smartcharge+ fully automatic chargers, ideal for charging 12v batteries. Supplied with 230v 13A plug. Connect and forget, can be left permanently connected. De-sulphation and recondition battery maintenance tools and LED display. Includes USB charging socket (except +8) LED light and hook. Fast, safe battery charging with multiple charge rates

Smartcharge+8
2 to 8A Dimensions: 259x133x70mm (HxWxD)
010047

Smartcharge+12
2 to 12A Dimensions: 259x133x70mm (HxWxD)
010049

Smartcharge+16
2 to 16A Dimensions: 335x160x92mm (HxWxD)
010051

Ring Standard Charge 8

12v, 8A fully automatic battery charger. Fast (8A) and slow (3.7A) charge rate settings. Easy to read LED indicators clearly show charger status. Reverse polarity indicating LED. Ideal for DIY, enthusiasts and standard battery charging. Dimensions: 215x260x100mm (HxWxD). For leisure batteries up to 120Ah
010054

Ring Standard Charge 12

12v, 12A fully automatic battery charger. LED display screen shows battery voltage and charge rate applied. Fast (12A) and slow (3.7A) charge rate settings. Reverse polarity indicating LED. Ideal for DIY, enthusiasts and standard battery charging. Dimensions: 215x260x100mm (HxWxD). For leisure batteries up to 180Ah
010056

Ring Workshop Charge 20

12v, 20A fully automatic battery charger. Tough metal and rubber construction for professional use. Fast (20A) and slow (3A) charge rate settings. 80A jump start function. High quality professional battery chargers. Dimensions: 215x265x230mm (HxWxD).
010058

Dry cell batteries

Counter display stand 019150

Duracell alkaline batteries

Size AA MN 1500 (4)	20 per outer	019126
Size AA MN 1500 (2)	20 per outer	019135
Size AAA MN 2400 (4)	10 per outer	019140
Size C MN 1400 (2)	10 per outer	019117
Size D MN 1300 (2)	10 per outer	019108
Size 9v MN 1604	10 per outer	019144

Zinc Chloride batteries

High quality dry cell batteries at a budget price.

Size AA (4)	24 per outer	019204
Size C (2)	24 per outer	019202
Size D (2)	12 per outer	019200
Size 9v	24 per outer	019206
Clock battery MN9100 (2)	12 per outer	019145
Hob/igniter battery E23A	10 per outer	019147

Please note that the image is for illustration purposes only the manufacturer will change periodically.

019145   **019147**

Inverters

PowerSource inverters

The PowerSource modified sine inverters are internally protected by a fuse. For extra peace of mind the cigar lighter plug is also fused. An audible alarm sounds when the input voltage drops to 10.6v. The PowerSource will automatically shut down when the input voltage exceeds 15v DC. If the battery voltage drops below 10.0v the PowerSource will automatically cut off, leaving enough voltage to crank/restart the vehicle. The inverter will automatically shut down if draw exceeds the maximum rating of the PowerSource. If the internal temperature reaches 65°C the PowerSource will shut down automatically. Made from light weight durable ABS

150w	1 x AC socket & 1 x 2.1A USB	**017215**
300w	1 x AC socket & 1 x 2.1A USB	**017230**
500w	1 x AC socket & 1 x 2.1A USB	**017234**

MP:75 Mininverter 75w

Transform your vehicle into a mobile office or home from home and never be caught short of electrical power again! Simply insert the MP:75 into your car's cigarette lighter socket and plug in any appliance upto 75w e.g. laptop
017212

E:Can Inverter 150w

12v DC to 230v AC can sized modified sine inverter suitable for cup holders, 150w power suitable for laptop computers, video game consoles, MP3 players and many other applications, USB charging point to allow the recharging of electronic devices, coiled DC lead. Max Power Rating: 150W. Peak Power Rating: 240W. Operates from 10-15 volts. Low battery shutdown protection, over voltage protection, overload protection and temperature protection
017213

PowerSourcePro Inverters

High quality modified sine inverters, ideal for the professional user requiring mains power for heavy duty applications. Power shown is the continuous power rating (for 12 hours). Includes USB charging port. Digital display shows application wattage and battery voltage. Both 2100W and 3100W versions include a wired remote control.

3100W 017243

2100W 017241

1100W 017238

Applications
Domestic TV, games consoles, refrigerator, pro drill, jigsaw, strimmer, office laptop, PC & monitor, fan

Applications
Domestic TV, games consoles, refrigerator, toaster, hairdryer, pro drill, jigsaw, strimmer, circular saw, angle grinder, office laptop, PC & monitor, fan, fan heater

Applications
Domestic TV, games consoles, refrigerator, toaster, hairdryer, kettle, oil filled radiator, pro drill, jigsaw, strimmer, circular saw, angle grinder, hot air gun, pressure washer, office laptop, PC & monitor, fan, fan heater

Ring remote switch
Provides convenient remote on/off control of the 1100W PowerSource Inverter.
017245

Wire5
A pair of multi-wire battery connectors. For round battery terminal posts. Connect up to 5 cables. Simply tighten the screws onto wires.
017tbc

Battery accessories

Battery box deluxe

Features a 100A battery isolation switch, a battery power meter (at a touch of a button test the battery's condition), a 12v lighter type socket, external connections, and an adjustable carry handle. Made from impact resistant polypropylene. Accommodates all batteries up to (LxWxH) 356x208x228mm. **010322**

Battery boxes

Acid resistant plastic boxes. Comes with battery strap, 2 retainers and a buckle. Internal Dim (mm):
270x195x190
010320
410x200x200
010321

Lift-Off battery clamps
Suitable for all standard round battery terminals. Colour coded. Pair (packed). Available singly or 10 per outer
010009
Bulk pack. 150 pairs per outer
200100

Battery isolator switch
12v 100A. Max rating 500A for 5 seconds **010325**
Isolator switch housing only
006960
Isolator switch key only
10 per outer **010015**

W4 battery strap retainers
2 per pack. 10 packs per outer
010324

Electrical

Leisure batteries

Note: All batteries are despatched from a local distribution depot. Please check when ordering for current lead times.

Powerstart batteries *Minimum order quantity of 5 assorted.*

XV24MF - 86ah
Sealed leisure battery with dual post terminals, magic eye indicator, reinforced case, advance plate technology and a 3 year guarantee
Dimensions: (mm)
L257 x W172 x H220
Weight 18.8kg **010300**

XV27MF - 96ah
Sealed leisure battery with dual post terminals, magic eye indicator, reinforced case, advance plate technology and a 3 year guarantee
Dimensions: (mm)
L302 x W172 x H220
Weight 21.2kg **010304**

XV31MF - 110ah
Sealed leisure battery with dual post terminals, magic eye indicator, reinforced case, advance plate technology and a 3 year guarantee
Dimensions: (mm)
L330 x W172 x H242
Weight 23.3kg **010306**

LV22MF - 75ah
Leisure battery with magic eye indicator and a 2 year guarantee
Dimensions: (mm)
L266 x W175 x H225
Weight 16.9kg **010302**

LV25MF - 90ah low box
Sealed leisure battery with magic eye indicator and a 2 year guarantee
Dimensions: (mm)
L354 x W175 x H190
Weight 21.1kg **010309**

LV26MF - 100ah
Leisure battery with magic eye indicator and a 2 year guarantee
Dimensions: (mm)
L302 x W172 x H225
Weight 21.1kg **010308**

UK Giant batteries *Minimum order quantity of 5 assorted (UK Giant and Platinum - subject to geographic limitations)*
Built with extra deep cycle plates and glass fibre seperators to prolong life. Durability is increased with the use of anti-vibration glue and plate locks to help combat damage by vibration.

UK Giant 75ah
Leisure battery with magic eye indicator and a 2 year guarantee
Dimensions: (mm)
L267 x W172 x H222
Weight 16.3kg **010315**

UK Giant 100ah - low box
Sealed leisure battery with magic eye indicator and a 2 year guarantee
Dimensions: (mm)
L351 x W174 x H188
Weight 22.6kg **010317**

UK Giant 110ah
Leisure battery with magic eye indicator and a 2 year guarantee
Dimensions: (mm)
L350 x W175 x H225
Weight 24.9kg **010316**

Platinum batteries *Minimum order quantity of 5 assorted (UK Giant and Platinum - subject to geographic limitations)*
Envelope and fibre glass separation for longer life. Thick Grid Technology for greater capacity and deep cycle durability. Fast charge capability.

Platinum 75ah
Leisure battery with magic eye indicator and a 2 year guarantee
Dimensions: (mm)
L267 x W172 x H222
Weight 16.3kg **010310**

Platinum 100ah - low box
Sealed leisure battery with magic eye indicator and a 2 year guarantee
Dimensions: (mm)
L351 x W174 x H188
Weight 22.6kg **010313**

Platinum 110ah
Leisure battery with magic eye indicator and a 2 year guarantee
Dimensions: (mm)
L350 x W175 x H225
Weight 24.9kg **010311**

Solar panels

Watt-peak (Wp) is a measure of the nominal power of a photovoltaic solar panel under laboratory illumination conditions. It is important to buy a quality product that is guaranteed to give you many years of service. Solar Technology panels are based on the finest crystalline technology, which is more efficient than amorphous or other film technologies. Solar Technology panels are all accredited with the internationally recognised IEC 61215 certification that guarantees robust construction and high performance in all weather conditions. 10 year module warranty – 20 year cell output warranty.

Solar TECHNOLOGY INTERNATIONAL

18Wp **010356**   28Wp **010357**   43Wp **010359**

	Power (Watt peak)	Size (mm)	Weight (kg)	Amps per hour	Amps per day
010356	18	638 x 278 x 25	2.2	1.21	Up to 8.47
010357	28	559 x 407 x 25	2.8	1.71	Up to 11.90
010359	43	634 x 534 x 35	4.3	2.5	Up to 17.50

Caravan panel kits

Complete with all necessary cables, connectors, charge control and fitting instructions

18Wp   **010356**
28Wp   **010357**
43Wp   **010359**

Solar panel stand

Universal stand to suit every panel size up to 43Wp
010362

WOW Display stand
Free of charge with the purchase of 2x18Wp, 3x 28Wp and 2x 43Wp panels **010363**

80Wp **010364**   120Wp **010366**

	Power (Watt peak)	Size (mm)	Weight (kg)	Amps per hour	Amps per day
010364	80	1198x534x35	7.9	5	Up to 35.00
010366	120	1483x671x35	11.5	7.93	Up to 55.51

Motorhome panel kits

Complete with all necessary cables, connectors, charge control, digital multi meter, sikaflex adhesive, angled fixing brackets and fitting instructions

80Wp   **010364**
120Wp   **010366**

Solar panels

Folding solar panel kits

The new PV Logic range of folding solar panels are perfect for anyone looking for a highly portable system which is quick and easy to use. Each panel has it's own integrated stand, charge controller and battery connectors, so all you need to do is open it up, stand it up and connect it to your battery for instant power.
These rugged weather proof panels are supplied with a premium padded carry bag.
Available singly or 5 per outer
40W **010351**
60W **010352**
90W **010353**

	Power	Size closed(mm)	Weight (kg)	Typical Watts per day
010351	40	500 x 353 x 76	7	260
010352	28	500 x 500 x 76	8.5	390
010353	43	700 x 520 x 76	11.5	585

Solar briefcase panel 13w

Made with a high impact plastic case and built-in stand, flashing LED and internal cable storage. Magnetic catches on handles keep panel closed when not in use. Dimensions: 510mm x 37mm closed. Weight 4.5kg. Output 13W, 1.08A/hour in best conditions. Overcast approximately 50% loss.
Available singly or 5 per outer **010350**

Solar autotrickle charger 12v

Designed for motorhomes when in storage to send a maintenance level charge to the battery, helping prevent flat batteries. Simply sits on the dashboard or windscreen and connects to the 12v cigar lighter socket.
Complete with suction cups (for windscreen mounting), LED charge indicator, 12V DC power plug, battery clips and 2.7 metre lead. Can be left connected overnight.
● Solar panel trickle charger to manage battery drain in parked vehicles.
● Can be connected to the cigarette lighter or directly to the battery.
● Will not overcharge or damage batteries.
● Charging voltage 13-14V, open circuit 22V.
● Applicable for all types of 12v batteries
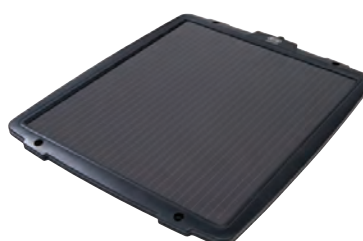
Power 1.5W   Dimension: 520x170x30mm (HxWxD) **010370**
Power 2.4W   Dimension: 525x265x35mm (HxWxD) **010373**
Power 6W   Dimension: 580x385x60mm (HxWxD) **010377**

EFOY
ENERGY FOR YOU

If you want to use electrical power in your leisure vehicle exactly the way you do at home, you'll find mobile power sources quickly show their limitations. The EFOY COMFORT fuel cells are the solution for people who don't want to do without all the conveniences of home. These fuel cells will keep your batteries charged even in winter and allow you to park wherever you want - regardless of the weather and the season.

How does the EFOY work?

The EFOYs built in regulator constantly monitors the battery voltage. If the voltage drops below 12.3V, it will automatically switch on to recharge the battery. Once it's recharged, the EFOY will revert automatically to standby mode. You don't have to worry about a thing. EFOY makes sure that your battery will always be charged.

Technical data

Grove No.	010336	010340	010342
EFOY COMFORT	**80**	**140**	**210**
Maximum power	40 W	72 W	105 W
Charge capacity / day	80 Ah	140 Ah	210 Ah
Nominal voltage	12 V	12 V	12 V
Charge current @ 12 V	3.3 A	6.0 A	8.8 A
Nominal consumption / kWh	0.9 l	0.9 l	0.9 l
Connectable batteries	12 V rechargeable lead batteries (lead acid, lead gel or AGM)		
Weight	7.0 kg	7.5 kg	8.2 kg
Dimensions (L x W x H)	44.3 x 20.2 x 28.8 cm		
Operating temperature	-20 to +40 °C		
Warranty[1]	2 years[2]	2 years[2]	5 years

[1] The valid warranty conditions apply
[2] Warranty can be extended to 5 years as an option

Fuel cartridge	**M5** 010347	**M10** 010348
Nominal capacity	5.5 kWh / 460 Ah	11.1 kWh / 925 Ah
Volume	5 l	10 l
Weight	4.3 kg	8.4 kg
Dimensions (L x W x H)	19 x 14.5 x 28.3 cm	23 x 19.3 x 31.8 cm
Capacity in days	15[3]	30[3]

[3] Based on experience; actual days of utilisation depending on the usage pattern

EFOY®COMFORT
The best energy supply for your travel enjoyment

WOW New longer fuel lead for more installation options

Accessories

EFOY COMFORTs are supplied with all necessary accessories required for installation.

WOW Items without Grove numbers can be ordered as specials

Ref	Description	Grove No.	Efoy No.
A	Control panel for EFOY 600-2200	010332	157 077 003
B	Control panel for EFOY COMFORT		157 077 053
C	Data Line		157 077 033
D	Insulated exhaust hose	010326	151 904 003
E	Surface mounting panel for EFOY 600-2200	010333	157 077 020
F	Surface mounting panel for EFOY COMFORT		157 077 054
G	External face plate		151 903 013
H	Off heat elbow		151 903 014
I	Off heat flange		151 903 023
J	Off heat tube	010327	151 904 001
K	Fuel cartridge holder		151 905 021
L	Belt for fuel cartridge holder		151 908 003
M	Mounting plate for EFOY COMFORT		151 908 020
N	Belt for mounting plate		151 908 022
O	Connecting line to EFOY		151 906 004
P	Battery fuse 2A-sense line		151 906 007
Q	Battery fuse 15A-power line		151 906 024
R	Complete charge line		151 906 034
S	Power line extension 8m	010328	151 906 006
T	Sense line extension 8m	010329	151 906 005
U	Service fluid	010334	150 903 001

A   B   C   D

E   F   G   H

I   J   K   L

M   N   O   P   Q   R   S   T   U

Lumo lighting Interior lighting *lighting on the move*

www.lumo.eu.com

12v dc lighting specifically designed for use in caravans and motorhomes

Fluorescent wall / ceiling lights
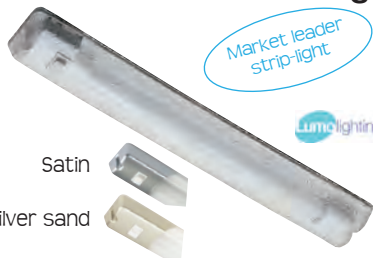
Satin

Silver sand

Market leader strip-light

Lumo 1
12v 8W switched fluorescent
Available singly or 10 per outer
Clear/white   **018046**
Satin ends   **018049**
Silver sand ends   **018048**

Lumo XL
12v 8W switched fluorescent
Available singly or 10 per outer
Satin   **018060**
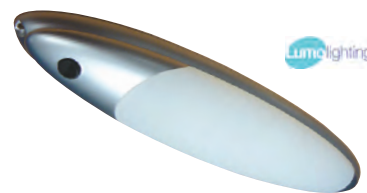
Ellipse
Stylish elliptical 12v 2 x 8W switched fluorescent, wall or ceiling light
Silver Sand   **018276**
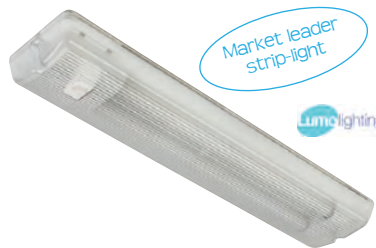
Market leader strip-light

Lumo 3
12v 2 x 8W switched fluorescent
Clear/white   **018057**

Lumo 13
12v 13W switched fluorescent
Clear/white   **018062**

LED tubes
T5 LED30 tube   **018044**
Includes instructions on how to replace an 8W fluorescent tubes with an LED tube. Under no circumstances should the tube be simply swapped. It must be wired directly to the 12v d.c. supply. Available singly

Halogen wall / ceiling lights

Coronet
Discreet 12v switched wall or ceiling light. 10W G4
Silver sand   **018273**

Crown
12v switched ceiling light. 20W G4
Silver sand   **018260**
Satin (illustrated) **018258**

PL tube wall / ceiling lights

Coronet
Discreet 12v switched wall or ceiling light.
Chrome 9W   **018274**

Crown
12v switched ceiling light.
Chrome Ice 9W   **018261**

Halogen spot lights and down lights

MiniSpot
12v switched. 10W halogen MR11 dichroic
White   **018350**
Satin/Chrome   **018359**
Black   **018360**
Silver Sand   **018362**

Dora SpotLite
12v switched. 10W halogen MR11 dichroic
Brushed Nickel **018370**

EyeLite
12v. 5W G4. Ideal bunk light, surface mount or recess. Push diffuser to switch on/off
Satin **018016**

Saturn DownLite
switched surface mount or recess 10W G4 halogen
Satin **018375**

PL-S tubes
Replacement 4-pin tubes in cool white
7W   **019528**
9W   **019533**
11W   **019537**

How to Choose Your Lighting

	LED Light Emitting Diode						HALOGEN Tungsten Halogen						FLUORESCENT/CFL Fluorescent/ Compact Fluorescent					
Good																		
OK																		
Poor																		
	Energy Efficiency	Light Output	Shows Colour	Heat	Cost	Life	Energy Efficiency	Light Output	Shows Colour	Heat	Cost	Life	Energy Efficiency	Light Output	Shows Colour	Heat	Cost	Life

Replace your traditional bulbs with low energy LED bulbs...
Replace halogen in down lights with:
A LED12 TransAx   **018024**

Replace halogen in spot lights with:
B LED1 Capsule   **018014**
C LED12 MR11   **018013**
Available singly or 10 per outer

LED lights

LED Rigid StripLite
Can be cut to size every 3 LEDs.
18 LED   300mm **017978**
30 LED   500mm **017979**

LED24 StripLite
2W LED Switched. Available singly or 10 per outer
satin   **018000**
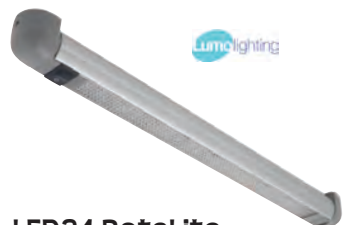
LED24 RotaLite
2W LED rotating head, switched
Grey   **018001**

LED20 RotaLite Mini
2.4W LED rotating head, switched
Satin **017999**

LED01 ecospot
1W LED, switched
Brushed Nickel   **017984**

LED01 Lily spot light
1W LED, switched
Brushed Nickel   **017983**

WOW Teoni has a slightly longer head than Lily and is conical shaped

LED01 Teoni
1W LED, switched
Brushed Nickel **018023**

LED01 SpotLite
1W LED, switched
Chrome **018010**

LED01 FlexSpot
1W LED, switched
Brushed Nickel **018022**

LED9 CeilingLite
0.75W LED, switched.
Surface mount or recess
Satin **018009**

Ciara Eyeball DownLite
1W LED, switched
Chrome **017980**

LED01AD DownLite
1W LED Brushed
Nickel **018008**

LED021L DownLite
2W 21LEDs. Warm White
Brushed Nickel **018004**
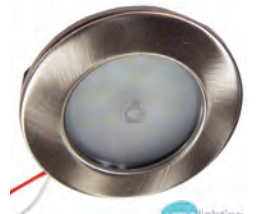
LED09 Touch DownLite
2W 9LEDs. Warm White
Brushed Nickel **017991**

LED21 Sensor CupboardLite
Satin **017997**

LED Coronet
Discreet 12v switched wall or ceiling light 3.5W LED.
Chrome   **018019**

LED Crown
12v switched wall or ceiling light 3.5W LED.
Satin   **018017**

WOW Ask your sales contact about the superb lumo LED Lighting sales unit
018380

LED MouseLite
1W LED, switched
Satin **018005**

LED21 CeilingLite
1.75W unswitched with 'dimming facility', water-resistant
White   **018002**
Satin   **018003**

LED AwningLite
Easy to install, smooth, stylish water-resistant external light
10W halogen + LED
With 'Find-Me' day/night photocell controlled LED giving security with low battery drain
White   **018390**
Satin   **018392**
LED12
Consuming only 3W
White   **018391**
Satin   **018393**

LED Theo awning light
30 LED 2.4W   **018395**

Lighting on the move

Labcraft DESIGN LED LIGHTING # Interior lighting

Labcraft linear
Budget range. 12v switched fluorescent. Low profile, low energy - only 4.5A @ 12v with tough polycarbonate lens. 351 x 78 x 24mm

8W **018215**
16W **018220**

Labcraft pearl
12v switched fluorescent
8W White 427 x 45 x 35mm **018210**
13W White 655 x 45 x 35mm **018212**

Labcraft trilite KL8
12v switched flurescent, 8W. Supplied with one 8w tube but up to two more tubes can be added. Long bulb life - 10,000 hours. 381 x 78 x 24mm
018240

Labcraft DL
12v switched fluorescent
DL9 8w light 353 x 58mm **018172**
DL9 diffuser **018194**
DL14 13w light 582 x 58mm **018183**
DL14 diffuser **018205**

Labcraft XL 16
12v 2 x 8w recessed switched fluorescent. Strong durable unit. 800 lumens (2 x 8W tubes emit 800 lumens of light **018162**

Square light
12v light with input of only 16w but output equivalent to a 100w light bulb using only $\frac{1}{4}$ of the energy normally required. The tube will also last up to 4 times longer than a 100w light bulb.
Square light **018322** Spare tube **018331**

Labcraft DESIGN LED LIGHTING # LED lights - with 2 year guarantee

Nebula LED strip light
12v switched. The Nebula incorporates the Orizon LED strip in a tough aluminium housing to provide a bright low profile surface mounted solution. Length 625mm
018025

Orizon LED striplight
12v. Budget light with 24 high intensity LEDs in a weather proof casing. 522mm x 17mm x 10mm **018028**

LED pole light
12v. Length 600mm. The LED pole light is the perfect solution for illuminating areas such as inside cupboards and wardrobes (strong enough for hanging purposes). Low energy 2.2W
018026

Callisto downlighter
12v. Super bright Power LED. Ideal for use in bathrooms, chilled/refrigerated areas and as an external light source
018039

2D bulb
4 pin 12v 16W
W4 **010587**
Available singly or 10 per outer
Labcraft **018331**
Available singly

Common replacement interior bulbs
Note: For more bulbs see C4.

Fluorescent tubes
10 per outer
Replacement 8W tube **018249**
Replacement 13W tube **018257**

LED tubes — Lumo lighting
Available singly
T5 LED30 tube **018044**

12v G4 Halogen (2) 10 per outer
5W **010543**
10W **010563**
20W **010591**

240v 25W G9 halogen. 10 per outer
010544

12v G4 30° MR11 dichroic. 10 per outer
10W **010533**
20W **010534**

12v GX5.3 36° MR16 dichroic. 10 per outer
10W **010651**
20W **010652**

12v LED GX5.3 36° MR16 dichroic. Available singly or 5 per outer
15 LED **010655**
20 LED **010656**

230v GU10 40° dichroic. 10 per outer
20W **010588**
50W **010589**

230v LED GU10 40° dichroic. Available singly or 5 per outer
15 LED **010657**
20 LED **010658**

LED1 Capsule Available singly or 10 per outer
018014

LED12 TransAx
018024

12v G4 MR11 dichroic. Available singly or 10 per outer
LED 12 **018013**

12v Ba15d 10 per outer
5W **010550**

12v Ba15s 10 per outer
10W **010551**
15W **010552**

12v Ba15s Halogen. 10 per outer
5W **010558**
10W **010559**

12v Festoon 10 per outer
5W **010508**
10W **010513**
18W **010557**

Assorted interior lighting

LED sticky light set
Bright white LED that can last up to 100 hours on a single set of batteries. Simply stick to any surface. Push to activate the 3 LEDs. Each light requires 3 x AAA batteries (not supplied)
8 per display box **019740**

W4 LED handy lamp
Powered by USB lead (supplied) or 3 x AA batteries (not supplied). Available singly or 10 per outer
019498

W4 LED instant light
Ideal for cupdoards or drawers. Powered by 3 x AG13 batteries supplied.
10 per outer
019497

W4 Clip-on LED light
Powered by 3 x LR44 batteries supplied.
10 per outer
019495

Zoe light RING
High power halogen reading light. Fully enclosed dichroic bulb, gives 30% more light than conventional downlighters. CE approved. 12v with quick release 10W bulb 30° MR11 G4 dichroic

Silver sand (illustrated)	**018335**
Matt chrome	**018336**
Spare bulb 10W MR11	**018339**

Available singly or 10 per outer

Fixed awning lights

AwningLite Lumio lighting
Easy to install, smooth, stylish water-resistant external light
10W halogen + LED
With 'Find-Me' day/night photocell controlled LED giving security with low battery drain

White	**018390**
Satin	**018392**

LED12
Consuming only 3w

White	**018391**
Satin	**018393**

Ultra awning light RING

Ultra awning light
Self-sealing weatherproof diffuser and multi-point fixing for easy replacement of existing awning lamp.
018431

Ultra security light
A unique security awning light with built in PIR movement detector. Offers automatic dusk to dawn activation for security and as a welcome light for occupants. Wide angle detector of 110°, detecting movement in a 7m range. 30 second "on" timer provides security without excessive battery drain
018435

Replacement lens   **018433**

Britax 891 awning lamp
12V switched light. Can be used as interior or awning lamp. Complete with 10W festoon bulb. Dimensions: 133 x 133mm

891 awning light	**018404**
Spare lens	**018415**
Spare switch	**018388**

Britax 896 awning lamp mk2
12V switched light. With rubber seal. Complete with 10W festoon bulb. Dimensions: 200 x 70mm

896 awning light	**018386**
Spare lens	**018387**
Spare switch	**018388**

LED Theo awning light Lumio lighting
30 LED 2.4W   **018395**

Astro LED awning light
12v. 24 high intensity LEDs encapsulated in a weatherproof casing. Low energy - only 2.2 W. 2 year guarantee. Total length 592mm **018043**

FIAMMA

LED awning light
31 LED 12v light made of solid painted aluminium.
Dim: 574x36x32mm (LxDxH)
018500

LED garage light
Similar to 018500 but complete with switch
018511

LED sensor light
Similar to 018500 but complete with light and movement sensors. It only lights up in the dark and will stay lit for 60 seconds when activated
018508

Electrical

Tent and awning lights

Link light RING

30cm solid 27 LED tent/awning light. Velcro or clip attachment for universal fitting. More add on units can be added for bespoke lighting solutions. Light output: 155 lumens per length.

Starter kit comes with 12V and 230V adaptors and 2m cables.
019646

Add on unit (requires starter kit) has 2m additional cable **019647**

Flexi light
90cm flexi 90 LED tent/awning light. Comes with 12V and 230V adaptors and 2m cables. Velcro or clip attachment for universal fitting. Light output: 294 lumens. Available singly or 6 per outer **019653**

Tent and awning lights
Shower proof battery powered LED tent light. Comes with pegs to attach to poles, and packaging is complete with test button.

- Light output: 45 lumens 2pk
                 60 lumens 3pk
- Run time: 8hrs 2pk
                 7hrs 3pk
- Operates from: 4 x AA supplied

Available singly or 6 per outer
2 Lights   **019640**
3 Lights   **019642**

FIAMMA

Rafter LED
12v switched telescopic rafter with 17 LED lights for use on all F45 awnings. Comes with switching bracket that allows power to the light as soon as the rafter is fitted. The bracket requires installation. Variable length (142-265cm).
018505

Kit awning LED
12v switched LED light with 2 x 10 LED lengths. Can be installed on F45 or F65 (including older versions). Comes with 5m of cable. Simply clicks into the front bar
018501

Awning arms LED
2 x 2 LED light kits containing 9 LED lights on each 30cm length (17x7mm). Each length comes with 5m of cable. For permanent mounting on the arms of any F45, F65 or ZIP awning.
018503

Kit cables rail
Ideal for hiding supply cables. 2 x Self adhesive lengths of 1225x13xx3mm. Made from PVC
018514

LED warning solar lights (2)
Kit of 2 lights (LxWxH) 8x5.5x2.5cm which automatically turn on at twilight. 6 red intermittent signals continue for hours and recharge around 500 times. Can be used on tie down straps, steps, bike carriers, and much more...
018520

Assorted lighting

Mercury clip-on light
Useful addition at a very low cost. 230v light with spring clip. Available singly or 10 per outer
018381

Mains awning lamp
230v external impact resistant light with double insulation. Complete with pole fixing clips, 5 metres of cable and fitted with a 13A fused domestic plug. 60w ES bulb. Available singly or 6 per outer **018450**

Rechargeable lanterns

Coleman
The Outdoor Company™
CPX 6
POWER SYSTEM

Bright, effective lighting with the added benefit of operating from batteries (sold separately) or the CPX 6V Rechargeable Power Cartridge (sold separately). The large format combined with LED bulbs are perfect for group camps or working at home.

CPX 6V Rechargeable power cartridge (RPC)
Run any CPX 6 product with this rechargeable battery cartridge. LED changes from red to green when fully charged, mains and 12v adapters included.
Dimensions: 28 x 34 x 33mm (HxWxD)
109823

CPX 6 Display stand
Ask your sales contact for details
109825A

CPX Duo LED lantern
Light panels have individual on/off switches
- Light output: Lantern -216 lumens
                     Panel - 91 lumens
- Beam distance: Lantern - 10 metres
                     Panel - 8 metres
- Run time: Lantern - 56hrs
                     Panel - 2.5hrs
- Operates from: 4D batteries or 6v RPC
- Size: 26.7cm H x 16.5cm W
- Weight: 1915g (with batteries)
109812

CPX Portable electronics charger
Charge your phone or other small electrical devices with this energy pack. Flexible power, storage compartment for cables, 5V and USB connections, up to 500mA.
- Operates from: 4D batteries or 6v RPC
- Size:9.7cm H x 11.1cm W x 15.5cm D
- Weight: 913g (with batteries)
109824

CPX Pivoting LED work light
- Light output: 158 lumens
- Beam distance: 241m
- Run time: 82hrs
- Operates from: 4D batteries or 6v RPC
- Size: 28cm H x 12.1cm W x 14.2cm D
- Weight: 1199g (with batteries)
109816

CPX Easy hanging LED lantern
Can be hung in multiple orientations - even sideways - incredibly bright portable, overhead lighting.
- Light output: High -141 lumens
                     Low - 58 lumens
- Beam distance: High -8 metres
                     Low - 5 metres
- Run time: High - 65hrs
                     Low - 155hrs
- Operates from: 4D batteries or 6v RPC
- Size: 24.9cm H x 12.9cm W
- Weight: 1310g (with batteries)
109809

CPX Heavy duty LED flashlight
- Light output: 172 lumens
- Beam distance: 347 metres
- Run time: 94hrs
- Operates from: 4D batteries or 6v RPC
- Size: 18.3cm H x 19.3cm W x 11.7cm D
- Weight: 1125g (with batteries)
109822

CPX led classic lantern
- Light output: High -115 lumens
                     Low - 72 lumens
- Beam distance: High - 7 metres
                     Low - 5 metres
- Run time: High - 85hrs
                     Low - 122hrs
- Operates from: 4D batteries or 6v RPC
- Size: 25.7cm H x 16cm W
- Weight: 1128g (with batteries)
109814

CPX Ultra high power LED spotlight
- Light output: 273 lumens
- Beam distance: 403 metres
- Run time: 50hrs
- Operates from: 4D batteries or 6v RPC
- Size: W
- Weight: 1199g (with batteries)
109821

Assorted rechargeable and wind-up products

Ventus eco lantern
- 5 x LED natural white light
- 2 x LED amber night light
- 12V, wind up (1mins winding = 20 mins light) or USB rechargeable
- Hanging, table top or wall mounted.

019779

Ring Mini eco lantern
- Eco friendly. Self wind lantern with 9 super bright LEDs
- Convex reflector for increased light output. Rechargeable with a 12v charger (included) 85mm x 175mm.

6 per outer
019590

Ventus eco safety station
Mains power station with automatic floodlight and audio alert when power fails
- 3 x powerful LED torches
- Also wind up (1 mins winding = 30 mins light) rechargeable

019774

Ventus My Magic torch and phone charger
Wind up (1 mins winding = 30 mins light), and USB rechargeable. Emergency phone charger. NO power? Just wind the handle whilst connected to your phone. Includes adaptors for Nokia, Motorola, Samsung, & iPhone and carry pouch

Silver   **019771**
Black   **019772**

Rechargeable lantern with remote
High quality plastic body lantern, with bright fluorescent light and long life rechargeable 6V battery. One full charge of approximately 18 hours will provide up to 5 hours of operating time. Supplied with replaceable 9W PL tube, remote control key fob, 12V and mains chargers. 6 per outer

019594

Rolson 4 LED windup dyno lantern
Soft rubberised finish and simple on/off push button. One minute of winding can generate up to 7-8 minutes of light Ideal for camping, boating, hiking, and emergencies
12 per display box
019592

Ventus eco mini torch
Wind up (1 mins winding = 60 mins light) or USB rechargeable. High/low beam LED, tough, impact resistant.
019770

Coleman Classic LED rechargeable lantern
- Charges from 230v AC or 12v DC (both chargers included)
- 12v charger can be stored in lantern base
- Weather resistant
- Light output: 64 lumens
- Beam distance: 6 metres
- Run time: 12 hrs
- Dimensions: 33.5 x 18 cm ø
- Weight: 2.8 kg
2 per outer
109820

Rolson 1 million candle power torch
- Battery type 6V-4Ah rechargeable lead acid.
- Lens size 82mm.
- Locking trigger switch for safety.
- Rubberised lens protector and grip.
- Built in hanging lanyard.
- 12V DC charger & 230V 50Hz AC adaptor.
- Halogen bulb.
- One full charge of 10-15 hours with AC charger provides 30mins of continuous operation
4 per outer   **019758**

Rolson 30 LED rechargeable spotlight
- 30 LEDs with 12000mcd Lum
- Rechargeable Ni-MH battery 12v 500mAh
- Durable ABS housing and PC transparent lens
- Charge time 6 hours approx
- Operates for approx 1.5 hours on one full charge
- Red and green charge indicator light
- Auto shutoff prevents full battery run down
- Lighting mode on/flash/off Supplied with 12v DC charger and 12v in car adaptor
6 per display box   **019753**

Rolson Dyno torch 3 LED
Super bright 3LED 13000MCD. Wind up 1 minute can generate 7-8 minutes of bright light. No batteries required With wrist strap. 12 per display outer **019726**

Ring Cyba-lite wind-up LED torch
Eco torch wind for 60 seconds for 5 minutes of super bright light. With 3 super bright LEDs!
019605

Battery lights

Rolson 24 LED bright light
Super bright 24 LED, with simple on/off push button operation, complete with hanging ring Ideal for camping or as a patio table light Supplied with 4 x D batteries. 6 per display box
019733

Rolson 30 LED multifunction lantern
Super bright 2 x 15 LED. Panels individually switched and rotated. 3D batteries supplied. 2 per display box
019749

Rolson 15 LED lantern with dimmer switch
Built in compas. 195mm high. 12000mcd. 3 x AA batteries supplied.
4 per display box
019593

Rolson 6 LED camping light
Ultra bright 6 LED lantern, with simple push button operation. Super bright 6 LED, 11000-13000LCD. Supplied with 3 x AA batteries.
3 per display box
019751

Rolson 72 LED camping light
Super bright 72 LED light with three strong magnets on reverse for mounting on most metal objects, along with swivel hook for hanging. Supplied with 4 x AA batteries.
5 per display box
019730

Rolson 12 LED pocket light
Super bright 4 LED front light. 8 LED side light. 3 x AAA batteries supplied.
7 per display box
019722

Rolson 9 LED Aluminium lantern/ torch
Handy sturdy torch which doubles as a lantern
10 per display box **019596**

Rolson 1 LED aluminium keyring torch
Pink and green assorted
24 per display box
019724

Rolson 4 LED Aluminium torch
Super bright 4 LED torch 12000-15000MCD. Rubber ON/OFF push button. Overall size 43 X 25mm.
16 per display box **019727**

Rolson LED keyring torch
Bright white LED 22000 MCD. Zinc alloy keyring. Supplied with 2 x CR 2016 button cell batteries. 10 per display box **019725**

Ring LED rubber torches
Shock proof rubber body, 3 super bright white LEDs, burn time up to 100,000 hours. Batteries included. 8 per outer
Small (2 x AA)   **019540**
Large (2 x D)   **019542**

Ring LED aluminium torch
9 super bright white LEDs. LED burn time up to 100,000 hours. Handy carry strap. 3x AAA batteries included. Ideal impulse buy to sit on counter top.
12 per display box
S00117

Coleman Focusing LED flashlight
- Light output: 83 lumens narrow
                       93 lumens wide
- Beam distance: 110 metres narrow
                       21 metres wide
- Run time: up to 7hrs
- Operates from: 3 x AAA supplied
- Size: 14.1cm L x 3.4cm ø
- Weight: 157g (with batteries)
109829

Work lights and assorted lights

Rolson 24 LED multipurpose light
Super bright LED. 3 x AA batteries supplied.
5 per display box
019734

Rolson 28 + 4 LED work light
Swivel head 28 + 4 LED worklight. Super bright white LEDs 13000-15000 MCD with magnet and swivel hook on reverse. 3 x AAA batteries supplied. 4 per display box
019599

Rolson 24 LED lamp with hook & magnet
Super bright 70mm 24 LED light requires 3 x AAA batteries. Ideal for garage, camping, emergency, household and numerous other applications. Complete with magnet on reverse and swivel hook to assist with hands free operation. 10 per display box
019735

Rolson 3 piece 10 LED headlight
- 3 mode switch - 4 LED on, 10 LED on, 10 LED flash and off
- Super bright LED light 12000 MCD
- Adjustable head band
- Supplied with 9 x AAA batteries

3 per outer **019765**

Rolson Flexi LED torch 7.5"
Reflector tube system for extra brightness. Shock proof and water resistant, anodized metal casing with 108mm flexible shaft. Pocket clip and three button cell batteries.
6 per outer **019729**

Rolson 20 LED work light
Ultra bright 20 LED lantern, with soft grip handle. 8LED`s at front of torch. 12LED`s on base stand gives hand free illumination Supplied with 4 x AA batteries.
6 per display box
019755

Workshop lights

Ring LED inspection lamp

Rechargeable and cordless for convenient use
- Charging indicator
- Compact design
- Suitable for professional, trade and DIY use
- Integral belt clip
- 15 High intensity LEDs
- Precision reflector providing wide angle light output
- Virtually unbreakable polycarbonate lens
- AC Charging point

Specifications: Light Output: 650 lux at 0.5m Battery: 1800mAH NiMH Mains adapter: Input 230v - 50Hz. Output 6v - 500mA LED: Class 1 Approved
019597

Rolson 36 LED inspection lamp on stand

- Manufactured from ABS.
- Light mode push button once for 0.5W torch / off / 36 LED light / off.
- Magnetic function: Two magnets on base of stand, one magnet on back.
- Plastic hanging hook with easy 360° rotation.
- Operates from 3 x AA batteries supplied.
- 36 LED 15000 - 18000 mcd.

4 per display box **019598**

Satellite TV on the move

One of the most common questions we get asked is: "What satellite TV channels can I get for free?" The answer is thousands.

Choosing the receiver. It won't matter which receiver you buy, the footprint (the area in which the satellite signal can be received) remains the same. What's the difference between Free-to-air, Freesat, and subscription boxes such as a SKY Digibox? Free-to-air receivers will receive all channels that are not subscription (subject to reception), the program guide will be "Now & Next". On Freesat you will get most of the same channels (although not all), with a 7 day TV guide allowing you to plan your viewing. A subscription box is designed for home use and will often be pre programmed for UK satellite reception and can become complicated to set up, especially abroad, but would receive all the channels that you would get at home (subject to geographical limitations). All our receivers have 12v inputs, are Free-to-air and are designed for mobile use. If you get a picture on the screen, then the receiver is working. Issues with the type of channels found are problems with dish alignment and / or geographical limitations.

Choosing the dish. There are many types of satellite systems: portable kits, crank-up manual and automatic systems, as well as roof mounted automatic domes. Put simply the larger the dish the further toward the edges of the footprint you will receive a signal, although planar dishes such as the Camos flat-sat are more efficient and so can be slightly smaller than a conventional dish equivalent. In the UK, all our systems should be able to pick up your favourite channels.

Satellite footprints. The footprint will vary for each dish and each satellite, and so should be used as a rough guide only. When travelling abroad the channels that you receive will vary, but most satellites will have some English language channels such as BBC World News, CNN, Bloomberg etc. To connect to the Astra 2 range of satellites (which broadcasts most of the UK's main channels) in much of continental Europe would require a much larger dish than would be practical on the move. Below is a map of the predicted reception area of a RoadPro 40cm Sat Dome.
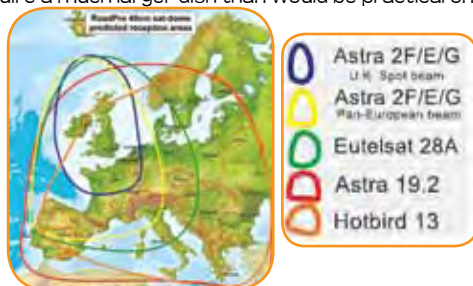
Astra 2F/E/G
By the end of 2013, all BBC, ITV, Channel 4 and Five TV channels as well as BBC radio stations will have moved to Astra 2E and Astra 2F.

Astra 2F/E/G Pan European
It is possible, and some say probable, that some of SKY's subscription channels will be broadcast on this beam when they are moved from their previous positions.

Thanks to RoadPro for the information on satellite reception!

WOW Many changes were made to the satellite broadcast network in 2012 and many more are to come in 2013 and 2014. The situation is constantly changing, and so the area in which you will receive certain channels may change at any time, therefore it is difficult to give definitive information at this time.

For listings of which TV channels are broadcast on which satellites try visiting www.kingofsat.net.

Roof mounted satellite systems
Automatic dome satellite systems

RoadPro domes powered by Wiworld
Complete protection against wind and weather. Roadpro domes offer the widest range of models of any sat-dome manufacturer. Average satellite search times of 30 seconds. One button operation, just switch it on!

- Operating voltage 12V
- Fixes to the roof with sikaflex and / or screws (mounting kit for neater installation available 039999)
- Space required for operation: 76cm diameter including mounting feet
- Search controller dimensions H x W x D mm: 42 x 245 x 146
- Search options: Astra 2 (N & S), Eurobird 1, Astra 1, Hotbird, Sirius, Atlantic bird 3, Hispasat
- Off-set dish inside a protective plastic cover
- All weather resistant white dome casing, can be painted
- Can be used with any satellite receiver including Freesat, Free to air & SKY receivers (not included)
- 3 year guarantee

Sat dome foot
Now sold individually
20cm x 13 cm **039999**

WOW Choose 30cm model where height is an issue - 40cm model for maximum coverage abroad. Use twin LNB version to use pause, record, or other functions of a recording receiver or to use 2 receivers at once. In motion versions allow passengers to watch TV or the driver to listen to the radio when travelling.

Part Number	Dish size (W x H cm)	LNB type	Weight approx. kg (Dish & motor)	Dome height cm	Current consumption Amps approx.	
					During search	In use (search complete)
Static models						
039990	46 x 25	Single universal	9.5	30	1.5	< 0.1
039992A	46 x 25	Twin universal	9.7	30	1.5	< 0.1
039992	46 x 35	Single universal	9.5	40	1.5	< 0.1
039990A	46 x 35	Twin universal	9.7	40	1.5	< 0.1
In motion models						
039993	46 x 35	Single universal	9.7	40	2.5	1.8

Automatic satellite systems

Maxview domes

The Maxview dome is a fully automatic dome satellite system which will remove the need for any manual tuning.

- Ideal for use in both the UK and Europe.
- Fast satellite acquisition with a typical search time for acquiring the satellite of between 30 to 60 seconds.
- Twin LNB version is ideal for use with PVR's, SKY+ or 2 receivers at the same time
- Receives transmissions from Astra1, Astra 2, Hotbird and more
- Lightweight, designed to be permanently mounted to a vehicle roof
- Kit includes: Clear and easy to use control box (receiver not included)
- Very easy to install - only connect the coaxial cable(s) to the control box, no need to connect a separate power supply to the dome
- All weather resistant and fully tested dome casing
- Compatible with all DVB-S std and high definition satellite receivers including SKY
- 3 year guarantee

- LNB Output: Single 1 - Twin 2
- LNB Type: Universal
- Polarisation: H & V
- Frequency Range: 10.7GHz 12.75GHz
- Antenna Gain: 33dBi
- Elevation Range: 18° - 64°
- Azimuth Range: Single unlimited - Twin 540
- Tracking Speed: 50°/s
- Search Time: Typically 30-60 sec
- Temperature Range: -20°C to +60°C
- Dome Weight: 9kg
- Dish size: Equivalent performance to a 40cm dish
- Dome Height: 40cm
- Dome Base: 70cm Ø

Single LNB	**040055**
Twin LNB	**040056**

Control box specification
- Power supply: 12-24V
- RS 232 upgrade port: Yes
- On/Off power switch: Yes
- 1 button search operation: Yes
- Satellites Programmed: Astra 2N, Astra 2S, Astra 1, Hotbird, Sirrius, AB3, Hispasat

Maxview Omnisat Seeker Wireless

Maxview's Omnisat Seeker Wireless system has been designed with the user in mind. Simple to use, easy and flexible installation options with elegant and modern styling. The ultimate in convience along with its latest features surpass any other automatic satellite system available on the market. The unique wireless backlit LCD control panel features animated display icons feeding back antenna status to the user at all times. The wireless feature allows unlimited mounting options and easy installation, making unsightly cable runs and fixing problems a thing of the past. The control box comes with unique versitile mounting brackets offering flexible installation options and can be coupled with any satellite receiver (not supplied) to give the ultimate package.

- 12V operation
- Maximum 2A consumption during search
- Average search time: 30-60 seconds typical
- Automatic lowering ignition safety system
- High quality 0.2db universal twin LNB
- Stores up to 15 satellites
- Pre-programmed with satellites including Astra 19.2E, Hotbird and Astra 28.2E
- Control box allows any satellite receiver to be connected
- Full customer service back up and support
- Low streamline profile 17cm
- Complete with all installation cables and accessories - plug and play

WIRELESS CONTROL PANEL:
- Wireless or hard wired (included) as standard
- Backlit LCD display
- Stand alone or magnetic wall mount bracket (included)
- Simple to operate
- Clock/Temperature display

CONTROL BOX:
- Compact size
- Future proof design - USB updates available for future satellites
- Universal mount
- Intergral easy access fuse

Available with either a 65cm satellite dish for use with receiving Freesat channels in the UK and Central Europe, or the larger 85cm version for an extended coverage area.

040050 Omnisat Seeker 65
- Antenna unit weight - 10kg
- 65cm offset aluminium antenna
- 36dB gain

040052 Omnisat Seeker 85
- Antenna unit weight - 11kg
- 85cm offset aluminium antenna
- 38.1dB gain

Manual crank up satellite systems

Camos flat-sat

Instead of a conventional dish, the Flat-Sat uses a planar antenna to catch a satellite's beam. This is a very efficient method and enables the "dish" to be much smaller, taking up less room on a vehicle's roof and making it easier both to install and use. The "flat-sats" have a performance of a larger diameter conventional dish and when it's in the parked position the unit's height is just 12cm.

The antenna's design makes it much more resistant to wind than a normal dish, allowing it to be used in conditions where other systems would have to be lowered for safety.

The dish is controlled from inside the vehicle using a ceiling-mounted cranking handle. It is essential to use a satellite signal finder for ease of use, see page D6.

Also available twin LNB enabling the functionality of Sky+ or other similar satellite receivers so that two channels can be watched at the same time.

If you are visiting Spain, Germany, Italy or Eastern Europe we recommend one of the larger crank-up "plus" satellite dishes

Flat sat	**039995**
Flat sat "plus"	**039996**
Flat sat twin LNB	**039997**
Flat sat "plus" twin LNB	**039998**

Maxview Omnisat 65 crank-up

Simply adjust the system from the comfort of your vehicle with the easy to operate direction unit, effortlessly raising and rotating the dish to locate and lock onto your favourite UK TV channels, anywhere in the UK and across into Europe.

- Improved handle design with clear and precise elevation display
- Low streamline profile, only 17cm in height in park position
- Elegant modern styling design
- No through the roof mast required, thus giving maximum flexibility on roof installations
- Designed for easier and improved installation
- Cable entry junction box allows for the system to be fitted in the most convenient position on roof
- Easy to align using the ceiling mounted 'Crank Up" handle and elevation zone map
- Twin LNB as standard - Designed for use with SKY +/HD or free to air receiver with hard drive recording. Alternatively can be used to feed two separate receivers for independent working
- All weather resistant construction
- Designed for permanent mounting, but can be transferred to another vehicle
- Complete with Operation and Set Up Guide
- 3 year guarantee
- When in park position, the system is compact and hidden out of view and only a little higher than most sky lights
- Antenna unit weight - 9kg
- 65cm Offset aluminium antenna
- 36dB gain

040014

Remote control portable satellite kits

WITH
TWIN
LNB

37
cm

Maxview's Omnisat VuQube remote controlled satellite system has been designed with the user in mind. Simple to use, easy and flexible. Portable, ultra lightweight with ergonomically designed carry handle. Dynamic dish levelling allows the system to be placed on uneven surfaces. Easily elevate & rotate the dish to locate the required signal with heavy duty LCD display wireless remote control (works to 15m). Complete with operation manual, Compass & set up guide

- Weighs only 4.5kg
- Twin LNB
- 37cm dish equivalent to 54cm offset dish
- All weather resistant casing
- Includes 2 x 10M of cable allowing easy positioning
- Dimensions H:46cm - W:42cm
- Powered by your receiver
- 2 year guarantee

040054

Maxview VuQube

Portable satellite kits

Maxview 54cm kit

Complete kit to receive all available Digital satellite TV and radio channels when used with a compatible satellite receiver. Ideal for use in the UK and central Europe. Designed specifically for touring vehicles. Suitable for a tent or awning (although signal quality may deteriorate under wet canvas). Can be used with any Free to air, Freesat or Sky receiver.
Includes: Portable satellite dish with folding LNB arm, 10m coaxial cable, tripod stand, satellite finder, satellite compass, easy to use zone map, holdall and all required fixings.

- Weight: Under 9kg
- Universal LNB: 10,70-12,75GHz
- LNB noise figure: 0,3dB typical
- 2 year guarantee

54cm **040001**   66cm **040002**

Maxview 66cm kit

WOW Upgrade your existing satellite kit to enable functions like Pause, Rewind and record on modern receivers

Twin LNB upgrade kit

Upgrade your single LNB version for use with SKY+ and other hard drive recording receivers with the Twin LNB upgrade kit. Can also be used with 2 receivers for independent viewing. Includes low noise 0.2dB LNB, adapter and 10m twin coaxial cable. Designed specifically for use with Maxview satellite dishes **040004**

Multimo mobile satellite dish

This compact portable satellite dish is suitable for use with analogue or digital transmissions. The Multimo can be used with any satellite receiver including SKY digiboxes. Although only 40cm wide, it performs like a 55cm dish and can be used Europe wide. Mounted on a base for use on a flat surface, it also has a clamp to attach it to a shelf, step, pole or tripod. Used with the Zehnder sat finder it only takes minutes to set up
Sinlge LNB **039980**
Twin LNB **039981**

Multimo carry bag

Made of hard-wearing, water-resistant nylon material and has a strong fabric handle and two zipped compartments: one for the dish itself and one for accessories and cable **039980A**

Multimo magnetic mounting foot

A powerful magnet which can be used with MULTIMO satellite dishes. It can be glued to the inside of the base and because it is slightly above the level of the base, it will not scratch the mounting surface. Glue is not supplied but we recommend an epoxy type such as Araldite. Please bear in mind that the efficacy of any magnet will be affected by paint or other materiasl which come between it and the steel surface on which it is being used **039980B**

Satellite tripods

Maxview tripod
Suitable for satellites up to 90cm with a universal mast fitting. Upper mast section rotates freely for ease of use to aid satellite alignment. Folds together for compact storage **040003**

Maxview deluxe tripod
Suitable for satellites up to 90cm with a universal mast fitting. Upper mast section rotates freely for ease of use to aid satellite alignment. Retractable upper mast section to lengthen the mast by up to 500mm. Helps to mount the dish clear of possible obstructions. Long legs and additional locking device ensure stability. Folds together for compact storage. Includes carry holdall **040005**

TV aerial masts

Maxview Unimax mounting mast
For mouning a TV aerial to the side of a vehicle. Can be permanently fixed using screw holes or temporarily fixed using the self adhesive backing. Designed for quick and easy installation. Lightweight design. Length 58cm **040089**

Maxview jockey wheel mast
For mouning a TV aerial to the jockey wheel. Light weight aluminium mast with universal fixing bracket. Designed for quick and easy installation. Complete in 5 sections. For temporary fixing only. Combined height of all 5 sections 360cm
040114

Mercury mast and clamp
Provides three 3' masts and a jockey wheel clamp. Suitable for use with both the Overlander and Tourer aerials and other aerials with a conventional 'V' bolt fixing **040112**

W4 Jockey wheel satellite pole
A sturdy 30" pole complete with two specially designed brackets for safe attachment to the caravan jockey wheel. Also supplied with a 'U' bolt for the fixing of the satellite dish. Keeps the dish in a safe and unobtrusive area, no tripod to trip over! **040119**

Maxview Unimax brackets
For mouning a TV aerial to the side of a vehicle. Can be permanently fixed using screw holes or temporarily fixed using the self adhesive backing.
Blister packed (2) **040017**
Loose **040086**

W4 aerial pole clamps
One pair of specially designed clamps. For safe attachment of an aerial pole to the jockey wheel. **040117**

W4 aerial pole kit
Fully telescopic lightweight pole kit extendable to 3.2m. Helps to receive a full range of TV signals with its infinite variety of height adjustments. Can be fitted to the jockey wheel with the special clamps provided **040115**

Signal boosters and finders

WOW British made 🇬🇧

Easy boost
Variable gain signal booster. Available as 2 or 4 outlet version. 12/24v operation.
2 Outlets **040063**   4 Outlets **040064**

Easy tune
Uniquely combines a TV booster with signal finder, so TV signal level is "visible" when setting gain. Available as 2 or 4 outlet version. 12/24v operation.
2 Outlets **040060**   4 Outlets **040061**

Maxview 12v/24v signal booster
Boosts digital and analogue signals in weaker signal areas. Variable gain to optimise strength. Professional gold plated "F" connectors for improved corrosion resistance and signal performance. 2 year guarantee **040062**

UHF TV signal finder
Designed and developed by a caravanner for the leisure market. 9v battery supplied **040057**

Worldwide UHF/VHF signal finder
For use anywhere in the world. 9v battery supplied **040058**

Pro TV and satellite signal finder
Used by professional aerial installers and now available to the leisure market. 9v battery supplied **040059**

Simple to use!
1. *Connect the aerial lead into the appropriate socket*
2. *Turn on the power switch*
3. *Rotate the aerial/dish until the greatest number of LEDs are lit. This indicates the strongest signal and the best position for your aerial or dish*
4. *Disconnect the finder and reconnect the aerial lead to your TV*

Maxview digital TV signal finder
Optimise signal reception before auto tuning TV/receiver. Assists aerial alignment for the best digital reception. Essential for use with a directional touring TV aerial. Ideal for Freeview / DVB-T. Includes battery and velcro mounts. 2 year guarantee **040048**

Maxview satellite compass
Alignment window to help locate the satellite signal zone for Astra and Hotbird satellites quickly and easily. Can be used as a normal navigation compass. Includes neck strap and user instructions **040013**

Maxview digital compass
Satellite alignment zone to help locate the direction of the satellite signal for all the main European satellites. Distortion feature to identify magnetic fields causing possible error to compass accuracy. Can be calibrated to maintain accuracy when placed near iron objects. All major European satellite positions pre-programmed, available at the press of a button. Modes ASTRA 1, 2 Hotbird, Digital Compass, time & Thermometer with back lid LCD display **040018**

W4 satellite finder
Easy to read analogue dial as well as an audible signal. Enables effective, quick and reliable satellite alignment for optimum reception. Adjustable gain and sensitivity to suit all situations **040009**

Maxview satellite finder
Varying audible tone and ascending visual LED display to help align satellite dish to the satellite. Signal sensitivity control for ease of satellite adjustment and alignment. Complete with flylead and full instructions. **040011**

Zehnder HP480 satellite finder
Varying audible tone and ascending visual LED display to help align satellite dish to the satellite. Signal sensitivity control for ease of satellite adjustment and alignment. Complete with flylead **040010**

Satellite and TV receivers

Vistron satellite receivers are designed and made in Germany and we think they are of excellent quality. There are three models in the range and they cover several options. We've made sure that they work perfectly with any 12V satellite system and that they are easy & straightforward for your customers to use.

WOW Vistron satellite receivers are preset with the channels in a sensible order. BBC1, BBC2, ITV, C4 etc. ideal for touring caravans and motorhomes. Other receivers will as standard put the list in the order in which the channels are found.

Vistron VT101 a 12V Free-to-air satellite receiver which receives thousands of TV and radio programs. 2 x Scart outputs. **039988**

Vistron V201 a 12V Free-to-air satellite receiver which receives thousands of TV and radio programs. Scart & HDMI outputs. **039982**

Vistron V230 a 12V HD Free-to-air satellite receiver with HD output and the ability to record onto a USB or external hard drive, HDMI & phono outputs. **039986**

Maxview free-to-air satellite receiver Receives thousands of TV and radio programs. Mains and 12V leads supplied as standard **040020**

Maxview free-to-air satellite receiver with "Easy find" LNB Built in satellite signal finder which receives thousands of TV and radio programs. Mains and 12V leads supplied as standard **040020A**

Maxview receiver bracket 040087

USB Freeview receiver 039987

Specification	VT101	VT201	VT230	Maxview	Maxview with Easy find LNB
Type of receiver	Free-to-air	HD Free-to-air	HD Free-to-air	Free-to-air	Free-to-air
Power supply	12V	12V	12V	12v or 230v	12v or 230v
Scart socket	Yes x 2	Yes	No	Yes x 2	Yes x 2
HDMI socket	No	Yes	Yes	No	No
Phono socket	No	No	Yes	No	No
Electronic Programme guide	Now and Next	Now and Next	Now and Next	Now and Next	Now and Next
Available channel positions	4000	6000	6000	Thousands	Thousands
Timer function	Sleep timer	Yes	Yes 10 positions	Yes 10 positions	Yes 10 positions
Preprogrammed for satellites	Astra 1, Astra 2, Hotbird, Turksat 1C	Astra 1, Astra 2, Hotbird, Turksat 1C	Astra 1, Astra 2, Hotbird, Turksat 1C	Astra 1, Astra 2, Eutelstat, Hotbird & more	Astra 1, Astra 2, Eutelstat, Hotbird & more
Remote control	Yes	Yes	Yes	Yes	Yes
Remote control sensor	Yes	Yes	Yes	Yes	Yes
Power consumption	12W, 1A at 12V	16.8W, 1.4A at 12V	30W, 2.5A at 12V	5W 0.5W on standy	5W 0.5W on standby
Dimensions H x W x D	35 x 190 x 140mm	35 x 230 x 140mm	35 x 230 x 140mm	40 x 230 x 140mm	40 x 210 x 135mm
Weight (approx.)	450g	450g	580g	660g	660g
Comes with	12V lead, remote control, remote sensor, receiver	12V lead, remote control, remote sensor, receiver	12V lead, remote control, remote sensor, receiver	12V lead, mains lead, remote control, remote sensor, receiver	12V lead, mains lead, remote control, remote sensor, receiver, Easy find LNB
Part no.	039988	039982	039986	040020	040020A

TV aerials

Maxview Gazelle aerial
Streamlined Omni-directional aerial designed to receive all available analogue and digital terrestrial UHF TV, FM and DAB signals through 360°. Designed specifically for use on any touring or HGV vehicle. Includes: variable gain signal booster, 5m co-axial cable and fitting instructions. Frequency range 40-860MHz. 2 year guarantee **040008**

Maxview Omnimax aerial
Omni-directional aerial designed to receive all available analogue and digital terrestrial UHF TV, FM and DAB signals through 360°. Designed specifically for use on any touring or HGV vehicle. Includes: variable gain signal booster, 5m co-axial cable and fitting instructions. Can be used on a pole, suction base, magnetic base or permanently mounted. Frequency range 40-860MHz. 2 year guarantee **040006**

Maxview suction base
Use to temporarily mount the Maxview Omnimax Touring aerial to the top of a flat roof of a touring or HGV vehicle. Designed with 4 heavy duty suction pads **040080**

Maxview magnetic base
Use to temporarily mount the Maxview Omnimax Touring aerial to the top of a flat steel roof of a touring or HGV vehicle. Designed with a very strong magnet **040081**
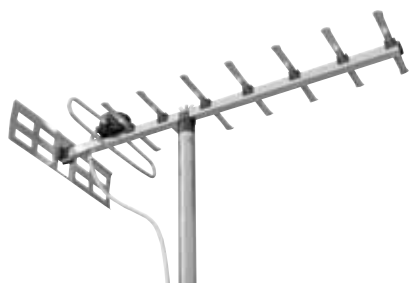
Maxview Mobile Digital touring aerial kit
Designed to receive all available digital and analogue terrestrial UHF TV channels. Designed specifically for use on any touring or HGV vehicle. Digital Freeview compatible. Includes: 5m co-axial cable,5m coaxial cable, fixing accessories, Unimax mast and full instructions. Frequency range 470-860MHz. 1 year guarantee **040043**
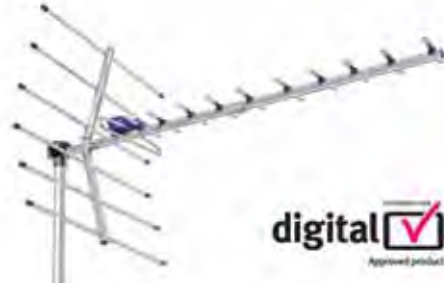
Maxview Digital Tourer high gain aerial
Ideal for receiving all available digital and analogue terrestrial UHF TV channels. *Mast shown not included.* Designed for weak signal areas. Directional Aerial. Compact size for easy, tidy storage - breaks down into 4 sections. Digital Freeview compatible. Includes: 5m co-axial cable, boom clamp and fitting instructions. Frequency range 470-860MHz. 1 year guarantee **040110**
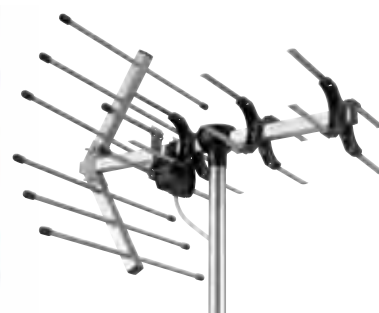
Maxview Compact high gain aerial
Designed to receive all available digital and analogue terrestrial UHF TV channels. *Mast shown not included.* Digital Freeview compatible. Includes: 5m co-axial cable, fixing accessories and full instructions. 1 year guarantee **040045**
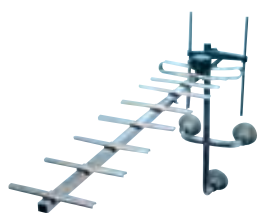
Mercury Overlander aerial
Wideband aerial for high gain. A unique clamp enables aerial to tilt, swivel and rotate through 360° without adjusting the mast. Fixes with three suction pads for stability and easy removal **040105**

Mercury Digital Outdoor aerial
For reception of digital TV and radio programmes. Suitable for mobile applications such as caravanning, camping and marine use. Waterproof and UV resistant. Plug and play. High gain - low noise on all programme channels. Supplied with mounting kit **040107**

Mobile digital TV aerial
Designed for caravanning, camping and marine use. The aerial has a built in amplifier. Can be mounted on a pole up to 38mm diameter using the clamp supplied. **040106**

Magic wand aerial
Covers all UHF TV signals, both analogue and digital. Amplified, high gain, omni-directional & multi-positional. Battery powered with 500 hours continuous use from 2xAA Alkaline batteries. Optional DC input (7 - 24vDC) on/off switch with LED **040102**

Magic Circle aerial
Battery powered amplifier/aerial which gives 400hrs continuous use from 4 x AA alkaline batteries. For use inside metal or concrete buildings **040100**

Maxview Truvison set top aerial
Compatible with terrestrial digital receivers. Freeview HD compatible. Ready to use. Folds flat for easy storage. 2m Co-ax cable. 1 year guarantee **040046**

Ring FM aerial
Compact design 12v electronic leisure aerial. Telescopic with six sections – overall length 39cm **040129**

TV sockets and cables

A   B   C   D   E

Maxview weatherproof sockets

Provides a neat external, weatherproof cable entry point into a vehicle or boat. Complete with self adhesive foam seal and screws for easy installation. Unobtrusive design. 3m cable length. White.

Single socket with "F" connector   **A** 040023
Single socket with co-axial connector   **B** 040095
Twin socket with an "F" and a co-ax connector **C** 040015
Twin socket with 2 x "F" connectors   **D** 040022

Maxview waterproof cable entry point

Provides a neat external, waterproof cable entry point into a vehicle or boat. Complete with self adhesive foam seal with the option of fixing with the 4 screw fixing holes. Waterproof IP66 double membrane seals. For 5-9mm ø cables. Can take up to 2 cables. Easy installation - cable simply pushes through seals

E 040034

Scart lead
scart to scart
0.8m   **040016**
1.5m   **040025**

HDMI lead
Multimedia cable
0.8m   **040085**
1.5m   **040037**

Standard coaxial fly lead
2m   **040027**
4m   **040028**
10m   **040084**

Digital coaxial fly lead
2m   **040026**
4m   **040083**
10m   **040029**

"F" to "F" plug fly lead
2m   **040038**
4m   **040039**
10m   **040040**

Fast fit coaxial plugs (2)
Plastic   **040030**

Alloy coaxial plugs (2)
040019

Back to back connectors (2)
040031

Coaxial connecting kit
040033

Splitter
040035

Push on "F" connector
040090

"F" connector
040041

Back to back "F" connector
040032

Satellite cable connecting kit
040036

"F" to coax adaptor
040042

WOW Ask your sales contact about the superb Maxview display stand deal. **040098**

W4 Pack-it TV range
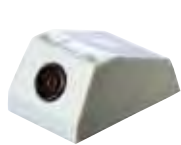
Surface TV point
Co-ax socket
040546

Surface co-ax / satellite point
Co-ax and F socket
040588

Surface satellite point
F socket
040576

Satellite lead
2m F to F plug
040585

Aerial lead
2m male to male
040547

Co-ax cable
5m
040542

Co-ax plug
040543

2-way coax splitter
040586

Satellite 'F' plug
040577

2 pin plug
12v 10A
040535

2 pin flush fitting socket & plug
12v 10A
040537

TV Universal Power Lead
040595

Co-ax coupler
040544

2 pin socket
12v 10A
040536

WOW All W4 pack-it items can be ordered loose at a preferential rate. Please speak to your sales contact for details.

Other TV accessories

W4 digital TV hook up lead
Connect directly to the site TV point with this purpose made 25 metre lead.
Just hook up, tune in, watch and relax!
- High quality WF100 cable
- Solid copper centre conductor
- Water tight physical foam dielectric injected with nitrogen gas
- Twin screened with copper foil and braid
- Robust outer sheath for added protection
- Factory tested
- Reel enables easy rewind and storage
040541

Through window cable adaptor
Because satellite co-ax cable can be damaged if squashed it's usually not advisable to pass cable through a closed window. This adaptor kit includes a special flat cable which can be used in just this situation and connects at either end to regular cable. All necessary connectors and instructions included. **039985A**

Flat screen TV carrier
Nylon bag with carrying handles.
Suitable for up to 15" TV **040177**
Suitable for up to 19" TV **040176**

Mercury co-ax plug (2)
040300

Mercury aerial lead
2m male to male
040325

Aquaroll® and Wastemaster™ products

Wastemaster™

A strong dual-purpose waste carrier for caravanners. Takes the waste wate and toilet cassette to the disposal point in one trip. The wastemaster™ will slide under most caravans. Anchoring holes take the securing straps supplied to hold the cassette in place. Rigid high density Polyethylene container has a unique shape that gives good balance when transporting. 38 litre full load filler and 30 litre low level filler for lighter loads. Bottom emptying outlet with cap retaining socket. Available in original beige and metallic silver.
Dimensions: (HxWxD) 1000 x 355 x 160/225mm (min/max)

Beige original	**050046**
Metallic silver	**050045**

Axle and hub caps		**050217**
Wheel and hub cap		**050218**
Spare cap with strap	80mm	**050206**
Spare Straps for cap (2)		**050223**
Luggage elastics	Pair	**050226**

Wastemaster™ Superclean

Especially formulated product for cleaning Wastemaster and other waste tanks or other waste water pipe work. The product is highly concentrated and one 200ml bottle is sufficient to clean a wastemaster twice.

20 per outer	**050048**

Wastemaster™ storage bag

Made from water resistant heavy duty PVC coated nylon. With all round zip **050047**

Aquaroll®

The aquaroll high quality water carriers have the added advantage of an extra side opening to connect directly to a mains water supply via the mains adaptor kit (supplied separately. See page E2). Even without the mains facility the high capacity of the 40 litre Aquaroll® is a must for in modern caravanning. High quality tyres on deep rims give excellent ground clearance. Easily removeable handle with rust proof ball joints. Filler tube with tap connector and handle included. Available in original beige or metallic silver.
Dimensions: (L x ø) 40L: 500 x 400mm 29L: 440 x 375mm

Beige original 40L	**050185**
Metallic silver 40L	**050184**
Beige original 29L	**050181**
Metallic silver 29L	**050180**

Cap with tap	**050251**
Level indicator	**050200**
Filler tube	**050236**
Pump connector 40 litre	**050231**
Pump connector 29 litre	**050230**
Spare cap with strap 80mm	**050206**
Spare Straps for cap (2)	**050223**
40 litre tyre	**050215**
Handle	**050192**
End sockets (2)	**050219**
40 litre stand	**050259**
29 litre stand	**050258**

Aquaroll® storage bag

Made from water resistant heavy duty PVC coated nylon. With draw string **050190**

Aquaroll® and Wastemaster™ products

Aquaroll® mains adaptor

Designed to give caravans the benefit of running water where mains supply is available. Can be used with any caravan, with no expensive alterations needed. A quantity of water is held in the Aquaroll®. As there is no mains pressure inside the caravan, the danger of flooding is eliminated. Easy to fit ball valve. 7.5 metres of food quality hose. Snap-on, 1/2" and 3/4" threaded tap connectors included. Snap-on connector to ball valve. Fits both 29L and 40L Aquarolls that have a side cap **050187**

7.5m Extension hose	**050188**
Mains adaptor hose connectors kit	**050221**
Mains extension connectors kit	**050222**
Tap connector seals kit	**050220**
Ball valve only	**050193**
Ball valve service kit	**050225**

Aquaroll® mains adaptor storage bag

Made from water resistant heavy duty PVC coated nylon. With all round zip **050189**
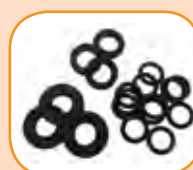
050221   **050222**   **050220**   **050225**

W4 fill-ups

Suitable for a variety of tap sizes.
Available singly or 25 per outer
Fill-up 1 (1.25m hose) **050240**
Available singly or 15 per outer
Fill-up 2 (2m hose) **050241**
Available singly or 10 per outer
Fill-up 5 (5m hose) **050242**

W4 Tap swirler

Suitable for a variety of tap sizes. 10 per outer **104845**

W4 Aquaduct

To connect water supply to hose socket on caravan, with integral non return valve
051444

W4 Aqua cap

Dust cap for use with plastic water containers. Available singly or 10 per outer **050049**

Trolleys

Aqua Bag 40ltr

PVC coated nylon storage bag with drawstring **050186**

Printed bags

PVC coated nylon storage bags. 100 per outer **050191**

Insulated Aquaroll bag

Designed to reduce the risk of freezing in winter. Reversible with reflective lining to keep water cooler in summer. Clever wrap-round design to remove the need to lift the full container **050194**

Rolson Folding trolley trucks

Sponge grip handle. Light weight aluminium frame. Easily folds compactly for ease of storage. Toe plate and wheels open simultaneously.
Tubing: 50mm diameter. Wheel: 177mm diameter
Load max 80kg
Height: 1m (open) 736mm (closed) Width: 482mm **050267**
Load max 60kg
Height: 1m (open) 736mm (closed) Width: 390mm **050269**
Load max 45kg
Height: 965cm (open) 690mm (closed) Width: 390mm **050266**

Fresh water containers

Jerrycan
25 litre **050055**
Available singly or 12 per outer
10 litre **050077**
Available singly or 12 per outer
Spare cap **050079**
Cap with integrated tap **050109**

Jerrycans with taps
The tap is held inside the jerrycan for transport, protecting it from damage.
25 litre **050096**
Available singly or 6 per outer
10 litre **050078**
Available singly or 12 per outer
Cap with integrated tap **050109**

Fiamma 70L fresh water tank
Constructed from non-toxic materials. It can be installed either vertically or horizontally. Complete with all fittings for installation. Water inlet pipe 38mm ø, with air outlet of 13mm ø. Dimensions: (LxDxH) 70x47x24cm **050050**

Fiamma fresh water roll tank
Convenient portable 23 litre water tank with discharge cap at base. Supplied with an extra blanking cap.
Weight 3kg **050054**
Spare cap **050056**
Discharge cap **050057**

Compact carrier
Folding jerrycan with tap. Capacity 20 litres. Available singly or 24 per outer **050170**

Collapsible jerrycan
Space saving concertina shape with tap. Capacity 10 litres. Available singly or 12 per outer **050172**

Fiamma waste water roll tank
Practical and portable 23 litre tank for waste water with discharge cap at base. Weight 3kg **050051**
Spare cap **050056**
Discharge cap **050057**

Waste water containers

Waste container
23ltr capacity container which has a large cap on the side to take two waste pipes. 6 per outer **050033**
Cap **050032**

Grove take-a-waste
Designed to fit under most caravans and trailer tents. Capacity 23 litres. Breather hole on shoulder to allow air to escape for problem free filling.
4 per outer **050007**
Cap **050020**
Bung **050029**

Jerrycan with filler spout
10 litre **050115**
20 litre **050116**
Available singly or 12 per outer

Fiamma roll tank flex kit 23w
Drain kit for waste tank 23 **(050051)** below, complete with threaded cap and level indicator, 30mm diameter flexible hose which can be extended up to 90cm **050060**

Filler caps

Water filler cap
78mm ø, 25 (+22)mm depth
Black **050064**
White **050062**

Water filler assembly
Dimensions: 38mm ø outlet, with 10mm ø overflow. 118mm overall ø, 85mm ø cut out
Black **050066**
White **050068**

Reich water tank connector
Designed to fit a hosepipe directly to an external fitting. 75mm ø Twist fit **050059**

Fiamma water filler cap assembly
Locking water cap which complies with European closure system standards. Dim: Overall 112mm ø, Internal 80mm ø, Pipes: large 60mm small 10mm.
Black **050052**
White **050053**

truma Water systems
Housings

Crystal 2 filter housing assembly

Complete with crystal 2 filter and blanking plug.

White **801467**   Lid and pins only white **605359**
Ivory **N/A**   Lid and pins only Ivory **605358**
Hinge pins only(2) **605376**

Ultraflow filter housing assembly

Complete with Ultraflow active carbon filter and blanking plug. The ultraflow housing comes with an exterior accessory point which can be connected (via optional connector) to allow the use of the exterior shower set (optional). Template size: 108mm x 163mm

White **846011**   Lid only white **846961**
Ivory **846012**   Lid only Ivory **846962**
Grey **846061**

WOW Now available in dark grey

Crystal 2 winter kit

No longer available please use Compact conversion kit below.

Lid only white **605375**
Lid only Ivory **605374**
Hinge pins only(2) **605376**

Compact housing

The Ultraflow compact housing / winter kit is the standard housing for a pump assembly that does not include a filtration system, accessory point or blanking plug. Dimensions: 143 x 105mm, bore hole 50mm diameter

White **846031**   Lid only white **846974**
Ivory **846032**   Lid only Ivory **846973**

WOW The comapct shower outlet looks the same as this but has no electrical terminals. See below

Compact conversion kit

The Ultraflow compact housing with an Ultraflow pistol grip pump connector to allow the user to utilse their existing pump assembly. Dimensions: 143 x 105mm, bore hole 50mm diameter

White **846034**
Ivory **846035**

Conversion kits

To convert Crystal Mk2 to Ultraflow system whilst enabling the use of the original pump assembly. Kits consist of Ultraflow housing, pistol grip pump connector and filter. Template size: 108mm x 163mm

White **846014** Ivory **846015**

Crystal / ultraflow adaptor plate

Adaptor plate that allows you to convert a Mk1 Crystal housing to the Ultraflow system using the conversion kit **846979**

Outdoor shower set

The pistol grip of the Outdoor Shower is simply plugged in to the Ultraflow filter housing. After fitting the connector it is ready for use. For pressurised water systems only **846080**
Replacement Ultraflow bridge connector **846967**
Shower head only **896800**

Compact shower

Exterior shower housing. For pressurised water systems only

White **846071** Lid only white **846975**
Ivory **846072** Lid only ivory **846976**
Shower head only **896800**

Surge damper

The surge damper with integrated pressure switch. The electronically controlled pressure switch has an intelligent control sequence turning the pump on and off when the tap is opened and closed whilst maintaining an even water flow **846050**

Mains water adaptors

Crystal Waterline
A 15 metre 'food quality' hose pipe which comes complete with fittings and a special pressure reducing adaptor which allows caravanners to connect their water system directly to a mains water supply without modification. Compatible with the Crystal filter and Crystal compact water systems, simply by being locked on to the external Crystal housing **802679**

Mk2 - Mk3 Waterline converter
Convert a Crystal Waterline to a Mk3 system with this adaptor **854500**

Ultraflow Waterline
A 15 metre 'food quality' hose pipe which comes complete with fittings and a special pressure reducing adaptor which allows caravanners to connect their water system directly to a mains water supply without modification. Compatible with the Ultraflow filter and Ultraflow compact water systems, simply by being plugged into the Ultraflow housing **846090**

Water inlets and pump assemblies

Ultraflow inlet hose
Compatible with any Ultraflow housing **846340**

Ultraflow pump assembly
Ths 12v water pump with ergonomically shaped pistol grip is plugged into the Ultraflow filter or compact housing. 9 litres per minute at 3m head at 1.5bar. Tube length 800mm **846041**

Crystal mk2 pump assembly
Maxi pump comes complete with hose, container cover, storage clip and hose connector. Self priming and extremely quiet in operation. 9 litres per minute at 3m head at 1.5bar. This pump fits any MK2 crystal housing **801927**

Maxi pump only
9 litres per minute at 3m head at 1.5bar. **801928**

Accessories

Pistol grip pump connector
846977

Blanking plug and O ring
846966

Ultraflow pump connector O rings (4)
846729

846880

846900

Non return valves
John Guest 12mm **846880**
Flexible hose **846900**

Ultraflow push fit to flex adaptor
846999

Mk2 hose adaptor plug
801038

Mk2 blanking plug
801254

Pump connector O rings (2)
Mk2 o ring **801023**
Mk3 o ring **802421**

Mk2 crystal retaining pegs (2)
10 per outer **802530**

Crystal cut blue hose
801017

Filters
WOW A complete range of Truma spares are available in the spares section

Crystal 2 filter cartridge
12 per outer **801256**

Removal tool for MK2 filter
For easy removal **801257**

Ultraflow filter
Filter only
12 per outer **846020**

Ultraflow filter + mk2 cap
Filter and MK2 Crystal cap to allow the filter to be used in Crystal 2 housings **846021**

Blue filter cap and O ring
846964

Hoses
Sold by the metre priced by the roll

Non toxic hose
½" 30m roll
051339

Non toxic hose
⅜" 30m roll **051317**
½" 30m roll **051325**
¾" 30m roll **051348**

Reinforced non toxic hose
½" 30m roll
051356

Flexible waste hose
20mm 30m roll
051360

Convoluted waste hose
23.5mm 50m roll
051365
28.5mm 25m roll
051368

Tube 12 x 8.5mm
Blue 25m **055200**

Tube 12 x 8.5mm
Red 25m **055201**

Flat hose 15m
051310

W4 push fit fittings
Individually packed push fittings for semi rigid tube - All packed 5 per outer

Equal tee
12mm **055202**
15mm **055302**

Equal straight
12mm **055204**
15mm **055304**

Equal elbow
12mm **055203**
15mm **055303**

Two way adaptor
12mm **055275**

Straight reducer
12-8mm **055205**
12-10mm **055220**
15-12mm **055312**

Elbow reducer
12-10mm **055221**

Stem adaptor male
⅜"bsp-12mm **055263**
½"bsp-12mm **055264**

Stem reducer
Female to male
12-10mm **055210**
15-12mm **055215**

Stem enlarger
Female to male
12-15mm **055216**

Stem elbow
12mm **055222**
15mm **055322**

Straight adaptor female
⅜"f-12mm **055238**
½"f-12mm **055232**

Straight adaptor male
⅜"bsp-12mm **055213**
½"bsp-12mm **055214**

Straight adaptor
12mm-½" **055206**

Bulkhead connector
12mm **055212**

Tank fitting assembly
12mm **055266**

In-line filter/ strainer
055294

Shut off valve
12mm **055270**

Stem shut off valve
12mm **055272**

Non return check valve
12mm **055273**
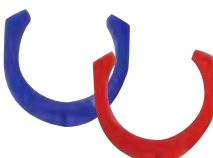
Collet clip 12mm
Blue (5) **055292**
Red (5) **055293**

Tube cutters
Light duty **055295**

Mounting clips
12mm (5) **055265**

WOW All W4 water fittings are suitable for contact with foodstuffs and drinking water. ISO 9001 and ISO 14001 certified. FDA and WRAS approved. Complying with the requirements of UK water regulation.

End plug
12mm **055208**
15mm **055308**

Push fit system stand
Not illustrated. Complete with 5 packs of 24 of the best selling items in this range **055299**

Water fittings

- Grove packaged items
- for W4 water fittings see page Q12

Y connectors
½" **051128**   28.5mm **051139**
¾" **051137**
10 per outer

W4 easi 2 drain
For caravans with two 28.5mm waste outlets. Pre-assembled
051138
Available singly or 10 per outer

7 piece 'Y' kit
Versatile kit to allow different combinations of outlets be reduced into 1. For 28.5mm hose
051380
Available singly or 10 per outer

Sink top clip
051239
10 per outer

Straight connectors
⅜"   **051140**
½"   **051155**
¾"   **051163**
28.5mm **051167**
10 per outer

Elbow
½" **051198**
10 per outer

T pieces
½"   **051174**
¾"   **051182**
10 per outer

Reducer
½" – ⅜" **051146**
10 per outer

P clips (5)
¾" **051284**
1" **051293**
10 per outer

Herbie hose clips (2)
Re-usable hose clips in heat resistant nylon. Will not rust or corrode and can be fitted with pipe in place. Depending on size withstands up to 160°C and 120psi
½ " **051205**
¾ " **051216**
10 per outer

28.5 - 20mm reducer
Takes 28.5mm down to 20mm plus enables smell trap to be connected to 20mm hose. 10 per outer
051371

28.5mm - 1¼" reducer
Enables 28.5mm hose to fit 1¼" sink wastes.
10 per outer
051369

Hose sealing sleeves
Enables a better fit between the hose and the connector. 23.5mm hose sealing sleeves also allow 23.5mm hose to be connected to 20.5mm fittings
10 per outer
23.5mm **051366**
28.5mm **051367**

Tap connector
Suitable for use on ½" (12mm) round taps. Adjustable hose clip, ABS plastic, frost resistant and shatterproof gaiter grip clamp to fit ½" hose. 25 per display box
051305

Hose socket with flap
½"   **051394**
¾"   **051405**
28mm **051408**
5 per outer

Dust caps
⅜" / ½" **051416**
¾-"   **051427**
10 per outer

Drain taps
Fresh water food grade. 28mm
051373
Waste water. 28mm
051374

Hose clip (2)
Grove packaged. 10 per outer

000/M00	(8-16mm)	**070249**
00	(12-22mm)	**051246**
0X	(16-27mm)	**051268**

W4 packaged. 10 per outer

000/M00	(8-16mm)	**104832**
00	(12-22mm)	**104833**
0X	(16-27mm)	**104834**
1X	(25-45mm)	**104836**

Hose clips bulk
Supplied 100 per bag

000/M00	(8-16mm)	**070255**
00	(12-22mm)	**051257**

Sink and shower waste outlets

1¼" straight waste outlet
¾" outlet   **051042**
28mm outlet   **051045**
5 per outer

1¼" angled waste outlet
¾" outlet   **051064**
28mm outlet   **051067**
5 per outer

Sink waste plug
1¼" **051075**
10 per outer

Smell trap
Designed to fit onto 28mm waste water fittings. Fits rigid or flexible convoluted hose. Detachable cap gives access to remove debris
051385

¾" straight waste outlet
Plastic top   **051086**
Stainless steel top   **051097**
5 per outer

¾" angled waste outlet
Plastic top   **051108**
Stainless steel top   **051119**
5 per outer

Sink waste plug (2)
⅞ " **051227**
10 per outer

Water purification

WOW AquaStar 1+2 and 3 are designed to work in harmony with one another and unfold their full potential when used as a set

AquaStar 1+2
The professional installation cleaning system, specifically designed for recreational vehicles.

AquaStar 1 – tough on lime scale.
For maintaining installations preventing the build up of limescale.

AquaStar 2 – shows no mercy to germs.
For a germ free water installation. AquaStar 2 unleashes its two phase action using active oxygen and silver, the oxygen dissolves the biofilm, whilst the silver ions kill any bacteria lurking in it
AquaStar 1+2 **052040**

AquaStar 3
Transforms water into drinking water. For water sterilisation and preservation.
- Uses active oxygen to inactivate bacteria and germs within 1 hour
- Uses silver ions to protect water against contamination, algae and bad smells for up to 6 months

AquaStar 3 **052041**   Floor display stand **052044**
                            Counter display **052044**

Elsan fresh water tank clean
Leaves the tank free from micro-organisms and black spot. It also removes calcium and other deposits that can eventually clog the system. Tank Clean contains no chlorine.
1 litre   **050035   12 per outer**

Winterban
Prevents freezing pipes and other damage by winterising your motor home or caravan. Winterban replaces the water in the water system and is safe for fresh water plumbing.
It is a propylene glycol solution (1 part winterban to 1 part water protects down to -46°C) which has a dramatically lower burst point than water. This is the point at which the liquid expands when frozen, thus protecting the system from frost damage. It is recommended that you drain as much water from your system as possible (use the Floe drain down system on E9). Any excess water will be absorbed by the solution and prevents damage to pipes, taps and water heaters through expansion of frozen water. 6 per outer. 1 gallon per bottle **052050**

Clear pure water kit
Each Kit Contains Puriclean 100g to clean the water tank and system and 6 Aqua Clean Tabs to purify the water
052026

Puriclean
Cleanses water systems and tanks
100g tub **052002**
400g tub **052024**

Aqua Sol
Aqua Sol is a powerful biocide which destroys all water borne bacteria and viruses. In addition it removes tastes and odours caused by plastics, chlorine, GRP and metals, keeping water fresh for a very long time. Aqua Sol is approved by the D.O.E. The 250ml size will treat 625 litres of water. Aqua Sol 250ml. 6 per outer **052030**

Waste Guard
Waste Guard provides rapid control of odour producing waste products. It selectively reacts to oxidise odours from many sources and does not emit harmful by products. 300ml. 6 per outer **052039**

Aqua clean tabs
Water purification tablets. One tablet per 5 gallons of Water. 32 tablets per pack. 12 packs per outer **052013**

Aqua tabs mini
Water purification tablets. One tablet per 1 litre of Water. 40 tablets per pack. 18 packs per outer **052012**

Aqua mega tabs
Aqua Mega Tabs are rapid dissolving effervescent water purifying tablets. For use with water storage tanks with a capacity of 50 gallons or more. 12 per outer **052015**

Puri Sol
Cleans, sterilises and deodorises in one action, leaving no taint or odour. Clean, disinfect and deodorise water storage tanks, pipe work and fittings. 300ml. 6 per outer **052032**

Drain down system floë

Drain down
The floe system is a simple and cost saving way to drain your water system, protecting it from winter frosts and reducing risk of infection from stagnant water throughout the year. With the simple step by step instructions, you will be guided through the quick and easy process, enabling you to use your leisure vehicle all year round. A matter of minutes draining down your water system will give you peace of mind whatever the season.
The Drainage kits all come with 1 x Drain down, relevant adaptors and an instruction DVD showing a drain down demonstration.

Drainage kits
Truma Ultraflow	**051980**
Truma Crystal 2	**051982**
Whale	**051984**
U.K. Motorhomes	**051990**
European Motorhomes	**051988**

Drain down only
Homes, static caravans, and holiday homes **051996**

WOW Practical Caravan Tourer of the year awards 2012. Recommended Best accessory

Caravan AWARDS 2012 Recommended Best Accessory Floë Drain Down System

Water filters

Grove purawater filter
The filter should be replaced every season or after filtering 4500 litres of water. Original is suitable for connection to ⅜" flexible hose or standard 12mm semi rigid connectors. Now available with 15mm ends for connection to 15mm semi rigid or ½" flexible hose. Available singly or 10 per outer
12mm filter **055066**
12mm adaptor kit (2 x 12mm straight push fit connectors) **055068**
15mm filter **055067**

WOW Truma filters can be found on E5

Reich aqua filter
To ensure a constant filter performance it should be replaced every season or after 4500 litres (approximately) have been filtered. The aqua filter has threaded ends and is supplied complete with screw on copper nozzles for ease of fitting into flexible hose **054350**

3M replacement filter
The filter reduces unpleasant taste and odour and removes sediment, dirt, rust, sand and silt to 5 micron size. It also incorporates a bacteria inhibitor. With a capacity of over 7,500 litres.
Replacement filter **055105**
Filter and housing **055100**

Universal portable water filter
Versatile, compact and lightweight filter for any tap. As easy to fit as push on, then pull off. Filters up to 10,000 litres (or 12 months) with normal potable water quality and usage. Max pressure 22psi (1.5 bar). Max flow rate 3 litres per minute. Fits taps up to 19mm / ¾" diameter. Produces healthy remineralised water, whilst substantially reducing chemical levels for safer drinking water. Ceramic spheres can be recycled in the garden to help soil drainage and improve plant growth **054350**

WOW Ideal for camping. Filter your water when filling your Aquaroll or Jerrycan.

Onboard pumps and accessories

	Trail King 7	Trail King 7	Trail King 10	Trail King 10	Trail King 10
Voltage	12V	12V	12V	12V	24V
Flow rate (l/min)	7	7	10.6	7	10.6
Pressure	20 p.s.i. 1.1 Bar	30 p.s.i. 2.1 Bar	30 p.s.i. 2.1 Bar	45 p.s.i. 3 Bar	30 p.s.i. 2.1 Bar
Max current	4.5A	4.5A	4A	4A	3.5A
Weight	1.9kg	1.9kg	1.9kg	1.9kg	1.9kg
Part No.	**053017**	**053018**	**053020**	**053021**	**053023**

Shurflo pumps

- Range of fully automatic triple diaphragm positive displacement freshwater pumps with integral pressure switch
- Heavy duty die cast alloy lower housing with twin ball bearing drive
- Motors have internal circuit breaker for electrical overload protection
- Run dry without damage
- Low amp draw and extremely quiet in operation
- Barbed hose adaptor and inlet side strainer supplied with pump

Shurflo filter
Screw-on filter for attachment to Shurflo pumps
053035

Shurflo filter
Screw-on filter for attachment to Shurflo pumps With wing nut
053036

Shurflo in-line filter
For use with all types of water pump **053042**

Pump fittings
½" elbow and straight connectors
053053

WOW A complete range of Shurflo spare parts can be found in the Spares section

Fiamma aqua 8 pump
Includes anti-vibration silent plate. Will pump water vertically over 3m with no priming. The stainless steel filter prevents impurities from entering. An automatic pressure switch starts and stops the pump. The pump is resistant to limestone deposits and oxidation. Can run dry without damage. Angle and straight connectors for 13mmØ pipes standard delivered
Pressure switch kit **053028**

	Fiamma Aqua 8	Fiamma Aqua 8
Voltage	12V	12V
Flow rate (l/min)	7	10
Pressure	21.75 p.s.i. 1.5 Bar	21.75 p.s.i. 1.5 Bar
Operating current	1.4A	3.4A
Weight	1.5kg	1.5kg
Noise	55/60 db	65/70 db
Part No.	**053025**	**053026**

Fiamma A20 expansion tank
Ideal addition to Aqua 8, previous models and all other types of pressure switch pumps. Eliminates the pulsating operation of pressure switch pumps and supplies a constant flow of water in the required quantity. Extends the life of the pump and boiler as well as cutting water consumption. The internal pressurised diaphragm provides a smooth, surge-free flow. Can be adapted to all pressure switch pumps on the market **053030**

Dometic PowerPump

Dometic PowerPump series pressurised water pumps are specially designed for leisure vehicles. Created by comfort specialist Dometic, the pumps excel with their well thought-out practical features, their durability and extremely quiet running. Powerful in performance they make economical use of energy. Dometic PowerPumps can run dry without damage and feature vibration-absorbing mounts.
Self priming pumps with an integrated pressure switch, which means they can be placed above the water tank. Their unique four-chamber diaphragm design ensures maintenance-free operation over the whole service lifetime.
Thanks to a patented click system the pump strainer and the three different ½-inch hose connectors included in each set are quick and easy to install. These pumps are available in two performance categories each: 7 or 10 litres per minute.

WOW PowerPumps have a 4 chamber diaphragm with independent operation. This allows the pump to continue to function when one or more of the chambers are faulty

	Power Pump PP127	Power Pump PP1210
Voltage	12V	12V
Flow rate (l/min)	7	10
Pressure	20 p.s.i. 1.4 Bar	30 p.s.i. 2.1 Bar
Operating current	2.2A	3.0A
Weight	2.2kg	2.2kg
Part No.	**053010**	**053011**

your complete Leisure Accessory Wholesaler T: 0161 367 7070

Submersible pumps and accessories

Reich and Bohler pumps are especially durable and powerful. Their durability is enhanced by special high-tech sealing. A patented vent in many pumps speeds delivery once submerged. All pumps are extremely quiet in use and the housing material is resistant to dirt and this makes them easier to clean when necessary. *For Truma submersible pumps please see E5.*

Reich 15 litre slimline

12v submersible pump. 1 bar. 40mm ø. Available singly or 10 per outer **055010**

WOW 055010 15l slimline pump can be used as a direct replacement for the old Carver/Truma Thames pump. It has the same dimensions and specifications.

Reich pump and hose assembly
A 76cm length of twin tube blue hose attached to 055010 Available singly or 10 per outer **055030**

Reich 14 litre Easy pump
12v submersible pump. 0.5 bar. 43mm ø **055003**
Bulk 25 per outer **055003B**

Reich 18 litre
12v submersible pump. 0.9 bar with automatic vent and strainer. 45mm ø. Available singly or 10 per outer **055014**

Reich 15 litre In-line
12v booster pump. 0.5 bar. 48mm ø. Available singly or 10 per outer **055020**

Reich twin 19 litre
12v twin submersible pump. 1.4 bar with automatic vent, strainer and non return valve. If one pump fails the TWIN pump will continue to work with reduced power **055017**

Bohler 8 litre
12v submersible pump. 0.6 bar. 46mm ø **055001**

Reich 12 litre
12v submersible pump. 0.5 bar with automatic vent. 45mm ø **055009**

Reich Powerjet 22 litre
12v submersible pump. 1.8 bar with automatic vent. 55mmø **055018**

Comet exterior water inlet 12v
Complete with plug set for pump cable and sealing cap for water spout. 58mm x 58mm x 55mm **053005**
Spare plug set **053006**

Pump protector
Attach to the lower awning rail to keep your pump off the ground whilst refilling your water container. 10 per outer **055059**

Comet foot switch
Beige plastic 12v switch suitable for pump control. 61mm ø **053001**

Reich non return valves
With 2 x ½" connectors **054368**

With 2 x 12mm push fit connectors **054367**

Reich 12v foot switch
Brown plastic 12v switch suitable for pump control. 57mm x 45mm **054366**

Single taps

Comet Novo single tap
Complete with microswitch. Cable length 300mm. Overall tap height 40mm. Maximum pressure 3 bar

Two tone beige	**053970**
Brown/beige	**053971**
Spare spout beige	**053974**
Microswitch	**053979**

Mini deluxe single tap
With a slightly smaller control knob and same spout as standard deluxe. Installation hole 16mm (standard deluxe is 20mm)

Matt nickel	**054215**
Microswitch	**054274**

Deluxe single tap
Complete with microswitch. Cable length 300mm. Overall tap height 40mm. Maximum pressure 3 bar. Installation hole 20mm

Matt nickel	**054222**
White	**054223**
Beige	**054224**
Microswitch	**054274**
Spare spout matt nickel	**054067**

Fold down mixer taps

Comet Novo mixer tap
Mixer tap complete with microswitches. Cable lengths 300mm. Overall tap height 40mm. Maximum pressure 3 bar

Two tone beige	**053972**
Brown/beige	**053973**
Spare spout beige	**053974**
Microswitch	**053979**

Deluxe mixer tap
Mixer tap complete with microswitch. Cable length 300mm. Overall tap height 40mm. Maximum pressure 3 bar

Matt nickel	**054233**
White	**054234**
Beige	**054235**
Microswitch	**054274**
Spare spout matt nickel	**054067**

Smev / Comet Florenz
Single lever mixer complete with microswitch. Cable length 600mm. Overall tap height 40mm. Maximum pressure 3 bar. Installation hole 33mm

Chrome	**091240**

Style 2005
Single lever mixer complete with micro-switch. Cable length 300mm. Overall tap height 40mm. Maximum pressure 3 bar. Installation hole 20mm

Chrome	**054270**
Matt nickel	**054271**
Microswitch	**054274**
Spare spout matt nickel	**054320**
Spare spout chrome	**054321**

Keramik style
Single lever mixer tap complete with microswitch. Cable length 600mm. The spout raises and lowers vertically. Ceramic cartridge. Overall tap height 40mm. Maximum pressure 6 bar. Installation hole 33mm

Chrome	**054306**
Matt nickel	**054305**
Microswitch	**054274**
Spare spout matt nickel	**054320**
Spare spout chrome	**054321**

Keramik deluxe
Note: will fit Smev sinks. Single lever mixer. Same features as Twist but has ceramic sealing and regulating discs instead of a ceramic cartridge.

Chrome	**054307**
Microswitch	**054274**

Twist
Single lever mixer tap complete with microswitch. Cable length 600mm. The spout raises and lowers vertically. Ceramic cartridge. Overall tap height 43mm. Maximum pressure 6 bar. Installation hole 50mm. Right hand illustrated

Matt nickel left hand	**054301**
Matt nickel right hand	**054296**
Chrome left hand	**054302**
Chrome right hand	**054304**
Microswitch	**054303**
Spare spout matt nickel	**054320**
Spare spout chrome	**054321**

Twist 90° elbow
Single lever mixer tap complete with microswitch. Cable length 600mm. The spout raises and lowers vertically. Ceramic cartridge. Overall tap height 40mm. Maximum pressure 6 bar. Installation hole 39mm. Left hand

Chrome left hand - 90° elbow	**054297**
Microswitch	**054303**
Spare spout chrome	**054321**

Trend A
Single lever mixer complete with microswitch. Cable length 600mm. Overall tap height 40mm. Maximum pressure 3 bar. Installation hole 27mm

Chrome	**054260**
Microswitch	**054274**

WOW More Reich tap spare parts can be found in the spares section of the catalogue

Spare spout
Chrome **054321**
Matt nickel **054320**

'O' ring
Spare 'o' ring for spout **054247**

Mixer taps
caraflo

Milana

Single lever basin mixer tap. Installation hole 30mm

Spout length*	Colour	Part No.
120mm	Chrome	**054400**
160mm	Chrome	**054403**
180mm	Chrome	**054406**
180mm	Nickel	**054409**
240mm	Chrome	**054412**

caraflo

Kami

Single lever basin mixer tap and 120mm solid metal extension for tails. Installation hole 30mm ø

Spout length*	Colour	Part No.
90mm	Chrome	**054421**

Keramik concept S

Single lever mixer tap with a flat spout that avoids dripping of residual water. Spout swivels 360°. Comes with microswitch. Cable length 600mm. Maximum pressure 6 bar. Installation hole 33mm

Chrome	**054313**
Microswitch	**054287**

Keramik cascada

Single lever mixer tap with a height of 162.5mm. Generates a very soft water jet ideal for hand wash basins. Maximum pressure 6 bar. Comes with microswitch. Cable Length 600mm. Spout length 110mm. Installation hole 33mm

Chrome	**054308**
Microswitch	**054311**

Modesta

Single lever basin mixer tap. Installation hole 30mm

Spout length*	Colour	Part No.
160mm	Chrome	**054415**

Charisma

Single lever mixer tap with a 160mm outlet spout that rotates 360°. Complete with microswitch. Cable length 600mm. Ceramic cartridge. Maximum pressure 6 bar. Installation hole 30-35mm

Chrome	**054293**
Microswitch	**054295**

Kama

Single lever mixer tap complete with microswitch. Cable length 600mm. Ceramic cartridge.
Installation hole 33mm

Chrome	**054275**

Installation hole 27mm

Chrome	**054279**
Microswitch	**054287**

Trend S

Single lever mixer tap featuring premium plastic parts for lightness and brass lever and spout for the highest quality finish. Spout rotates 360°. Comes with microswitch. Cable length 600mm. Maximum pressure 6 bar. Spout length 315mm. Installation hole 33mm

Chrome	**054266**
Microswitch	**054311**

Anzia

Single lever basin mixer tap. Installation hole 30mm.

Spout length*	Colour	Part No.
90mm	Chrome	**054418**

Pelikan

Single lever mixer tap complete with microswitch. Cable length 600mm. Spout rotates 360° for versatility. Ceramic cartridge. Maximum pressure 6 bar. Installation hole 33mm

Chrome	**054290**
Microswitch	**054311**

Trend E

Single lever mixer tap with a brass lever and a lightweight plastic body. Ceramic cartridge can be replaced without removing the tap. Complete with microswitch. Cable length 600mm. Maximum pressure 6 bar. Spout length 134mm. Installation hole 33mm

Chrome	**054268**
Spout chrome	**054269**
Microswitch	**054311**

FOLDS DOWN

Trend B

Single lever mixer tap supplied with a 360° swivelling metal spout. Spout length 200mm. Folds down into bowl to a height of 40mm Comes with microswitch. Cable length 600mm. Maximum pressure 3 bar. Installation hole 27mm

Chrome	**054263**
Microswitch	**054274**

Shower taps

caraflo

Elisa
Single lever pull out mixer tap. Installation hole 40mm
Chrome
054430

Mila
Single lever shower mixer tap. Installation hole 30mm
Chrome **054427**

Moda
Single lever shower mixer tap. Installation hole 30mm
Chrome **054424**

Comet Novo

Shower mixer tap complete with microswitches. Cable lengths 300mm. Overall tap height 40mm. Maximum pressure 3 bar Shower tap only.
Brown and beige **053975**
Shower tap, 1.5 metre hose, adjustable shower head for jet or spray and a wall bracket. As illustrated. White **053977**

Kama with Julia shower
Single lever mixer shower tap complete with microswitch with 600mm cable. Can be used as a normal tap or shower tap. Maximum pressure 6 bar
Chrome **054285**
Microswitch **054287**

Twist - table top

Twist - under table top

Single lever mixer tap that can be used with a variety of shower sets. Any standard ½" hose will connect to the outlet. Complete with microswitch. Cable length 600mm. Maximum pressure 6 bar. Installation hole 39mm
Table top version **054299**
Under table top version **054298**
Microswitch **054303**

Tap accessories

SP200   SP210   SP220   SP230

Caraflo tails

Model	Connection	Length	Part No.
SP200	12mm male nylon	350mm	**054440**
SP210	12mm cone (½") SS	220mm	**054443**
SP220	12mm female nylon	350mm	**054446**
SP230	15mm female nylon	390mm	**054449**

Adaptor plates

Useful plate when replacing other taps with Reich, or to neaten any installation

Single (as illustrated) 113mm x 55mm
Chrome **054315**
Matt nickel **054316**
Double 163mm x 55mm
Chrome **054318**
Matt nickel **054319**

Turbo spray plus

Designed to reduce water used by improving the power of the spray. Ideal for caravans. Improves the flow of the water jet without costly new pumps. Screws into the rosette of most caravan taps.
054390

Ceramic cartridge
Caraflo 35mm ø
054452

Ceramic cartridge
Reich 35mm ø
054312
Reich 25mm ø
054312A

Shower heads and accessories

Carisma
Plastic lever shower head
054325

O ring for Carisma shower head
054327

Sun
Plastic shower head
054468

Kama julia
Plastic shower head
054323

Trigger
Metal lever
shower head
054465

Duett swivelling shower set
Includes the duett shower spout, a 1.5m high quality shower hose and a swivelling konus bracket. Maximum pressure 3 bar. Installation hole for bracket 33mm
Chrome **054283**
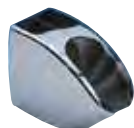
Konus
Wall bracket
054331

Metal shower hose 1.5m
054328

Shower head & hose
Chrome single setting plastic shower head with 1.5m hose
054510

Shower head & hose
Chrome three settings plastic shower head with 1.5m hose
054512

Sun shower rail set
Riser rail, 1.5m hose, and Sun shower head plastic
054459

Sun shower wall set
Wall bracket, 1.5m hose, and Sun shower head plastic
054462

Sun shower hose
Double lock 1.5m metal shower hose
054475

ECOCAMEL
POWERFUL PRODUCTS POWERFUL SAVINGS

Better energy saving performance from your shower and your hot water system

Powerful products that pay for themselves within months – or your money back

Ecocamel shower heads
Water and energy saving shower heads. Patented technology increases the water flow from the showerhead. You get the same powerful shower as a full flow shower, but you use up to 45% less water. Using less water means you automatically use less energy to heat it - so you can help save the environment, whilst cutting your bills in the process. Fantastic for caravans and motorhomes!
- Reduce the need to refill water tanks, or to empty waste tanks.
- With typical 10-14L water heater tank capacity in leisure vehicles, the Ecocamel range makes this equal to a 14-20L tank.
- Less power consumption means fewer gas bottles purchased.

WOW Using Ecocamel you get the same powerful shower as a full flow shower, without using more water.

Jetstorm E

Cobra

Cobra. Fitted by Lunar
054530
Jetstorm E with twin venturi. Fitted by Bailey
054525
Ecocamel shower rail riser set 60cm
054540

1.5 metre hose

Riser rail and adjustable bracket

Sinks

Corner bowl

11" corner bowls are pre-drilled to take any 3/4" sink wastes, 14" bowls are pre-drilled to take 1 1/4" sink wastes (not supplied)

White	11" **050816**	14" **050860**
Ivory	11" **050818**	14" **050861**

Vanity bowls

Pre-drilled to take any 3/4" sink wastes
Dimensions: 508mm x 286mm
Ivory **050777**   Beige **050773**

Vanity bowl

Sink waste not pre-drilled
Dimensions: 520mm x 356mm x 138mm
White **050770**

Vehicle bowl

12" x 10½ " Stainless steel with lip. Bowl 9½" tapering to 7" ø base. Depth 5"
050523

Stainless steel sink and drainer

21¾" x 14" **050534**

Thetford Kitchen centre

Brushed stainless steel. W470mm x D360mm x H153mm. Sink bowl 11 litres. Weight 3.2 Kg with lid. Chinchilla glass – toughened, heat resistant cutting surface. Optional extras – plastic bowl insert, plastic drainer, chopping board, cutlery rack (as illustrated). Prices on application **091160**

Thetford Rectangular bowl

Stainless steel. W400mm x D445mm x H145mm. Weight 2.9 Kg. Takes 1¼" sink wastes. Pre-drilled tap hole 33mm.
091158

Thetford Triangular bowl

Stainless steel. WxDxH: 400 x 445 x 145mm. Weight 2.9 Kg. Takes 1¼" sink wastes. Pre-drilled tap hole 33mm.
Left hand **091155**
Right hand **091156** as illustrated

Smev 8306 sink and drainer

Integrated heat-resistant safety glass, stainless steel drainer, tap fitting inside, AC 540 siphon, rubber seal. W680mm x D440mm x H150mm **091233**
Optional tap **091240**

Thetford Argent sink

Stainless steel. W630mm x D470mm. Sink bowl 146mm deep. Weight 5.5kg. Chinchilla glass – toughened, heat resistant cutting surface
Left hand **091153** as illustrated
Right hand **091152**

Smev sinks with lid

WOW All smev sinks come with an integrated heat-resistant safety glass lid, AC 540 siphon, rubber seal and a pre-drilled tap hole (39mm)

8006

WxDxH:
420x440x145mm
Built in dimensions
W405 x D425mm
091232

8005

WxDxH:
420x370x145mm
Built in dimensions
W405mm x D355mm
091234

VA7306

ø 420mm
Depth 148mm
Built in dimensions
ø 400mm
091231

Optional tap **091240**

Vanity units

Perfecto wall unit

A contemporary design suitable for use in caravans, motorhomes & pleasure boats amongst others. Space saving design, with split level storage and door hinge option. Incorporates an inset mirror and stylish brush metal handle.
Size HxWxD: 540 x 520 x 150 mm (excludes handle)
Silver **050893**
White **050891**

Perfecto tip up sink

Space saving design with removable bowl and tip to empty mechanism. Incorporates moulded shelf for tap installation.
Size HxWxD: 660h x 520 x 135 mm (excludes handle)
Silver **050637**
White **050635**
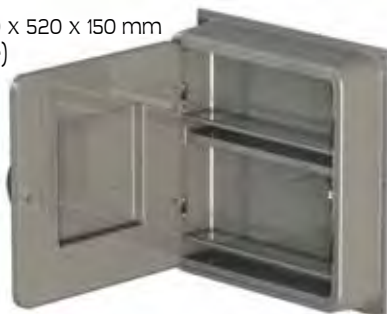
Perfecto pedestal

Ideal for tap mounting, hides pipework and looks fantastic in any toilet or shower.
Dimensions: 750 x 300 x 90mm
Silver **050647**
White **050645**

Shower mats

Square shower mat
45cm square. Available singly or 24 per outer
050940

Vanity unit
Manufactured from high impact polystyrene. Features a twin mirror sliding door with travel lock and useful shelf with retainer
Size HxWxD: 550 x 515 x 100mm
050899

Tip up basin
Size HxWxD:
Open: 345 x 500 x 170 mm
Closed: 200 x 500 x 320 mm
050630

Rectangular bath mat
70 x 40cm. Available singly or 12 per outer
050941

Shower trays

Apollo shower tray
Dimensions: 584mm x 584mm x 127mm
Ivory **050930**

C200 shower trays
Moulded to fit the C200 range of cassette toilets
Left hand as shown. Dimensions:1030 x 670mm **050932**
Right hand. Dimensions: 1020 x 700mm **050933**

W4 Concept accessories

Towel ring
Designed with the confined space of caravan and boat washrooms in mind yet still large enough to hold a bath towel. Complete with screw covers and stainless steel screws. Available singly or 10 per outer **095596**

Toilet roll holder
Plastic holder with special mechanism to prevent roll unravelling whilst towing. Large self adhesive fixing pad. Available singly or 10 per outer **060351**

Towel rail
Compact rail with non slip covering and hanging hooks. Available singly or 10 per outer **095594**

3 way towel grip
Complete with screw covers and stainless steel screws. Available singly or 10 per outer **099041**

2 way robe hook
Complete with screw covers and stainless steel screws. Available singly or 10 per outer **099040**

4-way toothbrush holder
Compact 4 way toothbrush holder complete with screw covers and stainless steel screws. Available singly or 10 per outer **050916**

Soap holder
Keeps the soap bar in place when on the move, comes with clip on drip tray. Complete with screw covers and stainless steel screws. Available singly or 10 per outer **050915**

Washroom beaker and holder
Invert beaker for storage or transit. Complete with screw covers and stainless steel screws. Available singly or 10 per outer **050914**

Mini loo brush 2
A compact brush and holder designed for use with caravan/boat toilets. The brush easily clips into the wall mounted holder to keep it secure in transit. Available singly or 10 per outer **060346**

Toilet brush & holder
White coated metal. Available singly or 6 per outer **060340**

Gripstrip hang it all
Brush type towel holder. 12 per outer **095603**

Hold steady
Stops tins, jars, bottles, aerosols from rolling around. Can be used vertically or horizontally **095883**

Fiamma toilet brush
Toilet brush with container for all types of toilet. Complete with self-adhesive strips **060347**

Ring portable shower 12v or drycell
Ideal for camping and leisure activities features an electric pump. Operates with 4 x D cell batteries (not included) or via 12V power source. Adjustable water flow. Includes handy storage bag, suction cup and hanging hook. Available singly or 12 per outer **050920**

Shower curtain
White. Superior quality. Waterproof. Size 71" square. 6 per outer **050945**

THETFORD
Aqua products

Aqua Kem blue

Thick non-drip toilet fluid, use 120ml per 20 litre holding tank capacity
- Lasts 4-5 days with average use

1 litre Non-dosage	**060295**	12 per outer
1 litre Dosage	**060292**	12 per outer
2 litre	**060301**	6 per outer

Aqua Kem green

Biological toilet fluid, use 150ml per 20 litre holding tank capacity
- Safe to empty in septic tank (Test ISO 11734)
- 4 days with average use
- It remains liquid up to -20°C and remains active after defrosting

1.5 litre **060305**
6 per outer

375ml **060304**
24 per outer

Aqua Rinse plus

New improved formula. Use 100ml per 15 litre of flush tank capacity. Provides a more effective flush, and keeps the flush water fresh and clean. Septic tank safe.
- Leaves a protective film in the bowl that prevents deposit from forming
- The lubrication action makes the blade of the waste-holding tank easier to open and close

1.5 litre **060282**
6 per outer

400ml **060275**
24 per outer

Aqua Kem sachets

One sachet per 20 litre holding tank capacity
- Easy to use: sachets completely dissolve in water
- Highly concentrated
- Suitable for winter camping
- One dose lasts 4 to 5 days with average use

060307 15 per pack, 6 packs per outer

Aqua Kem green sachets

Biological action. Environmentaly friendly. Safe for use in septic tanks. One sachet per 20 litre holding tank capacity
- Easy to use: sachets completely dissolve in water
- Highly concentrated
- Suitable for winter camping
- One dose lasts 4 days with average use

060306 10 per pack, 6 packs per outer

Aqua Soft tissue

- Dissolves quickly
- Prevents clogging
- Easier to empty waste-holding tank
- Prevents malfunctions or damage to the waste-holding tank
- Super-soft

060312 4 per pack, 12 packs per outer
060312B 72 packs per pallet

THETFORD
Maintainence products

Seal Lubricant
- Protects, lubricates, ensures pliability
- For periodical care and maintenance
- Developed for safe lubricating of Thetford toilet parts
- Absolutely safe for plastics, no colouring on plastic parts
- Ensures smooth operation of valve blades and other items

200ml **060355** 12 per outer

Toilet Bowl cleaner

750ml
- Removes hard water and soil deposits while safe for plastic and toilet seals
- Descaling qualities ensure a smooth surface of the toilet bowl, preventing build up of soil
- Provides optimal hygiene and creates shine and brilliance
- Thick concentrated formula coats the bowl for better cleaning and targets hard to reach areas
- Thoroughly cleans leaving a lovely fresh scent behind

050037 9 per outer

Bathroom cleaner

500ml
- Powerful cleaning agent for daily maintenance
- Safe for all plastics surfaces, including the outside of the toilet
- Guarantees perfect hygiene
- Active foam removes calcium deposits
- Gives a lovely shine

098320 9 per outer

Cassette Tank cleaner
- Thoroughly cleans the inside of the waste-holding tank
- Easily removes stubborn calcium deposits
- No scrubbing required
- Prolongs life span waste-holding tank
- Pleasant fresh scent

1 litre **060325** 12 per outer

Tank Freshener

50ml per 25 litre tank capacity
- Reduces deposits and grease contamination in your waste water tank and tubing.
- Prevents unpleasant smells
- Improves hygiene
- Promotes trouble-free discharge of your tank
- Safe for all plastics

1.5 litres **050038** 6 per outer

Elsan chemical toilet products

elsan

Elsan Blue

Elsan Blue's powerful anti-bacterial formula kills germs and eliminates odours. British Standard 2893:2005

2 litre **060362** 8 per outer

4 litre **060373** 4 per outer

Elsan Pink

Elsan Pink keeps the toilet fresh and removes bad odours when the toilet is flushed. It is anti-bacterial so it prevents algae build-up in your flush tank. It also lubricates and cleans the bowl.

2 litre **060365** 8 per outer

Elsan Organic toilet fluid

Elsan Organic has been developed with brand new biological technology which works in a completely different way to conventional toilet fluids. By dissolving waste and removing odours naturally, the chemical smell has at last been eliminated and replaced with a delightful mild fragrance. It can be used in both flush and waste tanks. And because it is biodegradable and free from harsh chemicals, it can be safely emptied into a septic tank.

400ml **060356** 24 per outer

2L organic and FREE 750ml Toilet bowl cleaner

060359 4 per outer

Elsan Double

Double concentrated to give you the same Elsan performance and reliability on which you've always relied. Now however you only need to use half the quantity giving you a big saving on each dose. British Standard 2893:2005

Double Blue

400ml **060376** 24 per outer

1 litre **060378** 12 per outer

Double Rinse

400ml **060377** 24 per outer

1 litre **060379** 12 per outer

Double BOGOF

2L blue double concentrate and 2L rinse double concentrate fluid

060375 4 per outer

Elsan Tank clean

Leaves the fresh water tank free from micro-organisms and black spot. It also removes calcium and other deposits that can eventually clog the system. Tank Clean contains no chlorine.

1 litre **050035** 12 per outer

Elsan Toilet Bowl cleaner

Leaves toilet bowls fresh and clean. Concentrated power to remove scale deposits. Especially made for caravan and motorhome toilets.

750ml **060381** 12 per outer

Elsan Blue bags

As the sachet comes in contact with water it quickly dissolves, killing the bacteria and eliminating odours whilst imparting a pleasant fragrance. And because each sachet contains an exact dose of concentrated powder, no measuring is required. Clean, safe and easy to use, Blue Bags provide the ultimate in performance and reliability.

060332 18 per pack, 12 packs per outer

Assorted chemical toilet products

TRIGANO Activ by THETFORD

WOW Manufactured by Thetford, the economical Activ range has the same advantages as the Thetford Aqua products, use a similar dose, but are effective for a slightly shorter period.

Activ rinse
Use 70ml per 10 litre of flush tank capacity. Provides a more effective flush, and keeps the flush water fresh.
- Leaves a protective film in the bowl that prevents deposit from forming
- The lubrication action makes the blade of the waste-holding tank easier to open and close

2 litre **060245** 6 per outer

Activ blue
Thick non-drip toilet fluid, use 60ml per 10 litre holding tank capacity
- One dose lasts 3-4 days with average use

2 litre **060246** 6 per outer

Activ green
Biological toilet fluid, use 60ml per 10 litre holding tank capacity
- Safe to empty in septic tank
- One dose lasts 3 days with average use
- It remains liquid up to -20°C and remains active after defrosting

2 litre **060247** 6 per outer

FENWICK'S ADVANCED CARAVAN CARE

Fenwicks top & tail
A unique toilet fluid designed for use in both top and bottom tanks which makes it easier to use and more economical.
2.5 litres **060266** 8 per outer

Citrus fresh toilet cleaner
"Fresh coat" helps prevent marks and stains. Helps maintain seals, improves flush action and sanitises.
1 litre **060265** 15 per outer

Waste pipe & tank cleaner
Cleans shower and sink drains, toilet cassettes, and eliminates unpleasant odours.
1 litre **097063** 15 per outer

Mini loo brush 2
A compact brush and holder designed for use with caravan/boat toilets. The brush easily clips into the wall mounted holder to keep it secure in transit. Available singly or 10 per outer **060346**

Toilet brush & holder
White coated metal. Available singly or 6 per outer **060340**

FIAMMA

Fiamma soft toilet tissue
It won't clog up tanks or waste valves. Special 2-ply soft toilet tissue, formulated for chemical toilets. Stronger and softer tissue dissolves quickly in water. 300 sheets per roll.
060388 6 per pack, 10 packs per outer

Fiamma toilet brush
Toilet brush with container for all types of toilet. Complete with self-adhesive strips
060347

Toilet roll holder
Plastic holder with special mechanism to prevent roll unravelling whilst towing. Large self adhesive fixing pad. Available singly or 10 per outer
060351

Happy Bowl Original

FIVE reasons why you will love
1. They're hygienic
2. They're biodegradable
3. They reduce water usage
4. They reduce odour with a fast flush
5. They work

Happy bowl liners
Biodegradable toilet bowl liners. Use them to line your caravan, motor home, or portable toilet. Simply flush the toilet after use, and the bowl liner and contents are flushed away, leaving your bowl clean and fresh.
060311 50 per pack, 10 packs per outer

Sanitation

Portable toilets

THETFORD **Porta Potti range** - 3 year warranty. Integrated cover lock for easy transportation, with recess for opening. The smooth lines and subtle curves are not just important to the appearance of the toilets, but also provide optimum comfort and ease of use. An improved blade opener. A new more comfortable handle on the waste holding tank.

Porta Potti QUBE

Porta Potti EXCELLENCE

Part no.	Porta Potti Model	Body Colour	Dimensions H x W x D	Pump Type	Level Indicator	Waste tank	Flush Tank	Pack size
056966	Qube 145	White	330 x 383 x 427	Bellows	No	12L	15L	All Porta Potti toilets are available singly or 5 per outer
056968	Qube 165	White	414 x 383 x 427	Bellows	No	21L	15L	
056970	Qube 335	White	315 x 342 x 382	Piston	Waste	10L	10L	
056971	Qube 345	White	330 x 383 x 427	Piston	Waste	12L	15L	
056973	Qube 365	White	414 x 383 x 427	Piston	Waste	21L	15L	
056980	Excellence	White	458 x 388 x 450	Piston	Waste/flush	21L	15L	
056981	Excellence	White	458 x 388 x 450	Electric	Waste/flush	21L	15L	

Porta Potti Excellence floor plate
Floor plate to enable you to mount the Porta Potti Excellence to the floor. Helps to prevent accidental movement of the toilet. The toilet simply detaches from the floor plate for emptying. Ideal for boats or home use
056983

FIAMMA Bi-Pot

Bi-Pots are simple, self-contained fresh water flush portable toilets. A very simple system that is both strong and easy to clean. Compact, it can be completely dismantled, including the valve for thorough and total cleaning. Sturdy and solid handle for easy transportation. Large waste cap: no drainpipe, emptying is easy and hygienic, no clogging. Each tank is electronically tested for a perfect seal. Handy side clips to connect the upper and lower tanks.

- Sturdy piston pump guarantees 3 powerful rinsing jets
- Comfortable and wide seat for adults
- Scratch-resistant tank built in only one piece without seams to support more weight
- Sliding watertight valve with anti-odour seal
- Large and handy charge and discharge openings with semi-transparent lid for better level control
- No leakage and watertight

Bi-Pot 30
HxWxD 300x345x435mm
Flush tank 10 litres
Waste tank 11 litres
056948

Bi-Pot 34
HxWxD 340x360x435mm
Flush tank 15 litres
Waste tank 13 litres
056949

Bi-Pot 39
HxWxD 392x360x435mm
Flush tank 15 litres
Waste tank 20 litres
056950

elsan

Elsan bristol toilet
Near in height to a household toilet, the Bristol is made from high grade easy-to-clean plastic.
It features a removable inner container with close-fitting anti-spill lid, a strong, full size seat and lid together with quick release floor fixings, and strong nylon coated carrying handle.
HxWxD 432x362x437mm
Capacity 21 litres
060205

Dometic

Dometic 966 portable toilet
Full size seat and lid provide comfort and support. Sturdy construction with an easy to clean matt finish. Double sealed valve prevents leaks and odours. Large discharge opening.
Flush tank 9.8 litres
Waste tank 19 litres
HxWxD 394x419x368mm
Available singly or 10 per outer
056965

Cassette toilets THETFORD

WOW For professional vehicle convertors and manufacturers please ask about the range of OEM toilets stocked by Grove. These are packaged for manufacturers and sold as individual parts to tailor the product to your individual needs.

C402C

Bench model toilet for caravans and motor homes.
- Electric touch button flush
- Waste holding tank on wheels with retractable hanlde
- LED display indicates when waste tank is full
- Flush tank capacity: 15L
- Waste tank capacity: 19.3L
- Dimensions (HxWxD mm): 512(847 with lid open)x670x400

A right hand toilet has the waste tank removed from the right hand side when sitting on the toilet

Right hand   **060093**
Left hand   **060094**

C200 CS

This version is designed to fit in vehicles with an on-board tank
- Electric flush
- Waste level indicator.
- No flush tank
- Waste tank capacity 17L
- Dimensions (HxWxD mm): 538 (822 with lid open) x 353 x 570

060095

C200 CW

Features a swivel bowl to free additional space when not in use. It is the most compact cassette type toilet on the market.
- Manual flush
- Waste level indicator.
- Flush tank capacity 7L
- Waste tank capacity 17L
- Dimensions (HxWxD mm): 728 (822 with lid open) x 353 x 570

060100

WOW The C260 Cassette Toilet is the ultimate sanitary solution for your caravan or camper. With its contemporary design, the C260 has several exciting new and improved features.

C260 CS

This version is designed to fit in vehicles with an on-board tank.
- Electric flush
- Waste-holding tank level indicator
- Waste-holding tank with integrated wheels and with easy pull-out handle
- No flush tank
- Waste tank capacity 17.5L
- Optimal use of space: 2 x 90 degrees rotating toilet bowl
- Dimensions (HxWxD mm): 750 (847 with lid open) x 417 x 603

Plastic bowl   **060061**

C260 CWE

This toilet is also available with a full ceramic bowl for a true domestic sanitary experience.
- User-friendly control panel
- Electric flush
    - Waste-holding tank level indicator
    - Waste-holding tank with integrated wheels and with easy pull-out handle
    - Flush tank capacity 8L
    - Waste tank capacity 17.5L
- Optimal use of space: 2 x 90 degrees rotating toilet bowl
- Dimensions (HxWxD mm): 750 (847 with lid open) x 417 x 603

Plastic bowl **060060**
Ceramic bowl **060064**

Fresh-up sets

Each fresh-up set contains a cassette holding tank, toilet seat and lid in white, cassette tank cleaner 1 litre, 2 x sample additives, flip chart manual for converting holding tank to left or right hand. Available singly or 5 per outer

C200 swivel type **060088**
C250/260 swivel type **057196**
C2/3/4 bench type **060089**
C400 range bench type **060241**

Holding tanks only

C400
LH **060090**
RH **060091**

C250/260/263
057181

Service doors THETFORD

A comprehensive range of high grade UV resistant quality plastic doors suitable for cassette toilets or as service doors for gas bottles and water tanks. They can all be mounted vertically or horizontally

- Incorporate double seal to help waterproof locks and assist insulation
- Integrated hinges
- Suit wall thickness 24mm to 40mm
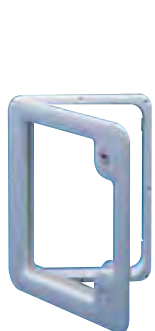
Door 3
Standard cassette toilet door.
Aperture: 330 x 280mm.
Overall dimensions: 385 x 335mm
Cream **060102**
White **060105**
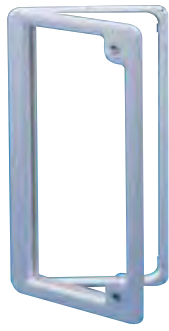
Door 4
Gas and water tank door.
Aperture: 630 x 330mm.
Overall dimensions: 700 x 395mm
Cream **060098**

Door 5
Water tank and general luggage door.
Aperture: 730 x 280mm.
Overall dimensions: 785 x 340mm
Cream **060099**

Door 6
General luggage door for large objects.
Aperture 980 x 400mm.
Overall dimensions: 1038 x 465mm
Cream **060097**

Door 7
General luggage door for large objects.
Aperture 1051 x 282mm.
Overall dimensions: 1108 x 346mm
Cream **060106**

Lock mkII door 2
060159

Lock door 3, 4, 5
060164

Lock cover
060162

Door 3/4/5 hinge pins
060111

Popular replacement parts

WOW A complete range of Thetford spare parts are available in the Spares section of the catalogue

Dump Cap
Yellow **060113**

Measuring Cap
Yellow **057200**
White **057201**

Autovent
060110

Porta potti dump cap
White **060167**

Cassette lip seal
To June 2000
060128
From June 2000
060101

Porta potti lip seal
060134

Cassette vent seal
060127

Cassette seat & lid
060130

Blade opener
060084

Slide cover
060141

Glass fuse
3amp
060132

Cassette switch
060119

LED indicator light
C200
060082

Cassette mechanism
C2, C3 **060114**

Manual pump C200
060085

Bezel / switch assembly
C200CWE
060086

Cassette Pump
Except c250
060118

C250 Pump
057169

Porta potti bellows
White
060123

C200 drain plug
060174

Waterfill funnel Cap
060158

Fixed regulators

truma

Truma fixed regulators

M20 x 1.5Kg/h, 30mbar with pressure protection, integrated 90° elbow and test point
8mm outlet **070520**
10mm outlet **070525**

WOW Cavagna fixed regulators are on G2

Elbow for Truma regulator
070526

Truma gas filter

Helps to prevent blocked regulators by filtering any oily residue in the gas.
Filter and housing **070555**
Replacement filter **070556**
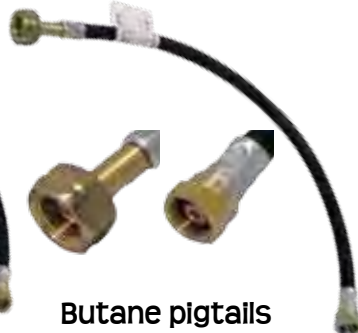
Fixed regulator equipment

Propane pigtails
BS3212:1991/2/6.3
Cavagna 500mm **070515**
Cavagna 750mm **070518**
Truma 450mm **070534**
Truma S/steel 450mm **070538**

Butane pigtails
BS3212:1991/2/6.3
Cavagna 500mm **070514**
Cavagna 750mm **070517**
Truma 450mm **070533**
Truma S/steel 450mm **070539**

Pigtail washer W20
070535

21mm butane clip-on adaptor
Truma **070542**
EN1949 **070545**

27mm butane clip-on adaptor
With 90° elbow
Truma **070531**

Campingaz adaptor
Truma **070541**
EN1949 **070548**

DuoControl CS

The DuoControl can be retrofitted, and has a built in crash sensor (CS) and integrated test point. **Not** for use in commercial vehicles.

- Automatic changeover from empty to full gas cylinder.
- Visual display indicating the status of the operating cylinder (empty/full)
- Manual selection of operating cylinder using control knob
- Inlet M20
- Regulator capacity 1.5kg/h
- Crash sensor is easy to reset
- For vertical installation
- Crash sensor activation value: 3.5g +/- 0.5g
- Models available on request for horizontal installation

30 mbar 10/8mm **070377**
50 mbar 8mm **070378**

MonoControl CS

This safety gas pressure regulation system is ideally suited to ensuring safe heating whilst on the move. The MonoControl can be retrofitted, and has a built in crash sensor (CS) and integrated test point. Also for use in commercial vehicles in accordance with BGV D 34

- Inlet M20
- Regulator capacity 1.5kg/h
- Crash sensor is easy to reset
- For vertical installation
- Crash sensor activation value: 3.5g +/- 0.5g
- Models also available on request for horizontal installation

WOW Can be upgraded to a 2 cylinder system by using the Truma DuoComfort changeover valve

30 mbar 10/8mm **070373**
50 mbar 8mm **070374**
For special gas tank mounting applications (not illustrated)
30 mbar 10/8mm **070371**

DuoComfort

The addition of a DuoComfort turns any Truma single cylinder system into an automatic changeover system. Use with other brand regulators is not permitted. Also for use in commercial vehicles in accordance with BG-V D 34

- Compliant with all directives governing heating whilst towing (when used with a MonoControl CS)
- Visual display indicating the status of the operating cylinder (empty/full)
- Manual selection of operating cylinder using control knob

070370

5 Year warranty

Caravan / Motorhome regulators

30mbar double stage regulator with 1.5kg/h flow capacity. "UDS" is the standard built in safety device. With integrated test point. W20 inlet

Straight 8mm outlet	**070399**
Straight 10mm outlet	**070400**
90° 8mm outlet	**070395**
90° 10mm outlet	**070396**

180°   90°

Caravan / Motorhome auto changeover regulator

The Reca automatic changeover gas regulator (30mbar) with 1.5kg/h flow capacity. It combines an automatic changeover with a double stage regulator and an integrated "PRV" safety device. Therefore it is the most compact gas regulation system in Europe. W20 inlet

8mm outlet	**070415**
10mm outlet	**070416**

Standard regulators

Butane regulator
Outlet pressure 28mbar 1.3Kg/h. EN 12864 approved. Available singly or 10 per outer
070323

Clip-on regulator
21mm - Outlet pressure 29mbar 1Kg/h. EN 12864 approved. Available singly or 10 per outer
070350

Propane regulator
Outlet pressure 37mbar 1.5Kg/h. EN 12864 approved. Available singly or 10 per outer
070336

Propane handwheel regulator
Outlet pressure 37mbar. 1.5Kg/h. EN 12864 approved. Available singly or 10 per outer
070337

Gaz regulator
For use with Campingaz cylinders. Integral control valve. Outlet pressure 29mbar 0.8Kg/h. EN 12864 approved. Available singly or 10 per outer **070342**

Campingaz regulator
To operate campingaz® refillable cylinders. Simply screws onto 901, 904, & 907 cylinders **109919**

Patio gas regulator
27mm clip on regulator for Calor patio gas. Outlet pressure 37mbar. EN 12864 approved. Available singly or 10 per outer **070345**

BP Gas light regulator
Outlet pressure 37mbar. 1.5Kg/h. **070543**

Butane regulator & hose pre-pack
4.5Kg butane regulator comes pre-packed with 1m of HP hose and 2 hose clips. Available singly or 10 per outer **070324**

Propane regulator & hose pre-pack
Propane regulator comes pre-packed with 1m of HP hose and 2 hose clips. Available singly or 10 per outer **070335**

Regulator washers(5)
10 per outer
070227

Regulator spanners

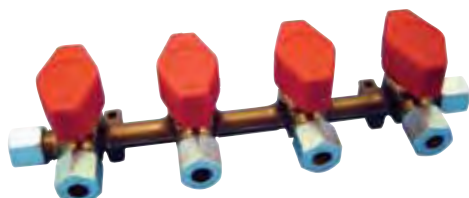|	
Light weight loose	**070221**
Light weight packed 10 per outer	**070220**
Heavy duty	**070222**
Truma	**070224**

Gas manifolds

Straight quick acting valve
8mm **823110**

2 way manifold valve
8mm **824111**
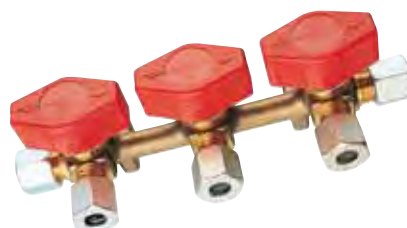
3 way manifold valve
8mm **824131**
10mm **824132**

4 way manifold valve
8mm **824151**
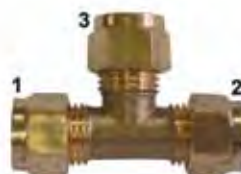10mm **824152**

Gas fittings

ALL GAS FITTINGS AND ACCESSORIES SHOULD BE FITTED/CHECKED BY A QUALIFIED TECHNICIAN
5 packs per outer unless stated otherwise

Copper tube
Supplied in 30m rolls
¼"O.D. **070290**
5⁄16"O.D. **070295**
3⁄8"O.D. **070300**

Gas hose BS3212
Composite low pressure black gas hose
5⁄16" bore x ⅛" 50m **070234**
High pressure orange gas hose
5⁄16" bore 50m **070236**
HOSES NOT SUPPLIED ON A REEL

Carded 10 per outer
Bulk 100 per bag

Hose clips
000 (2) W4 **104832**
000 (2) carded **070249**
000 Bulk **070255**
00 (2) carded **051246**
00 Bulk **051257**

Copper olives (5)
¼" **070267**
5⁄16" **070269**
3⁄8" **070273**

Straight couplings
¼" **070004**
5⁄16" **070006**
3⁄8" **070008**
8mm **070010**
10mm **070012**
15mm **070014**

Reducers
5⁄16" - ¼" **070045**
3⁄8" - ¼" **070051**
3⁄8" - 5⁄16" **070055**
10-8mm **070057**
15mm-3⁄8" **070059**

bulkhead coupling
8-10mm **070144**

Copper to taper
¼"C - ¼"M **070063**

Line taps
Available singly
¼" **070196**
5⁄16" **070194**
3⁄8" **070198**

Tee pieces
1 x 2 x 3
¼" X ¼" X ¼" **070068**
5⁄16" X 5⁄16" X 5⁄16" **070074**
3⁄8" X 3⁄8" X 3⁄8" **070079**
5⁄16" X 5⁄16" X ¼" **070081**
8 X 8 X 8mm **070080**
8 X 10 X 8mm **070083**
10 X 10 X 8mm **070085**
15 X 15 X 10mm **070087**
15 X 15 X 8mm **070089**

Elbows
¼" **070180**
5⁄16" **070181**
8mm **070175**
10mm **070177**
Elbow reducers
10-8mm **070179**

Floor mounted control tap
Available singly
¼" **070185**

Copper nozzles
¼" **070099**
5⁄16" **070102**
3⁄8" **070105**
15mm **070146**

Male nozzle
¼" **070120**

Female nozzle
¼" **070137**
3⁄8" **070140**

Three way nozzle
10 per outer **070174**

Stop end
¼" **070170**

Blank nuts
¼" **070183**

Gas level indicator

Truma LevelCheck

Gas cylinder level indicator for all (LPG) steel or aluminium gas cylinders with a diameter of 200 to 350mm. The device measures whether there is liquefied gas in the cylinder at the measuring point (by horizontal connection) and indicates this.
- Reliable ultrasonic measurement
- Easy to use with 9v battery supplied
- Integrated LED torch with On/Off switch
- Status LED (green/red/orange) green = Gas, red = no gas, orange = indicates measuring process (also with audible tone)
- Under voltage display

*Not suitable for tank gas cylinders or fillable gas tanks
070560

Gas servicing equipment

Truma leak test device
For workshop use.
Complete kit **070550**
Volumiser canister **070552**
Leak test hose **070551**

Universal thermocouple
Thermostatic sensor device which will fit almost all gas appliances. 900mm length **070215**

Dometic GasChecker GC100
Indicator for identifying the fill level of all standard propane and butane gas bottles
- Reliable ultrasonic measurement
- Easy to use
- Suitable for all steel bottles 200-350mm Ø
070562

Gas box equipment

Truma BBQ gas point
Enables external gas appliances to be connected. The only additional equipment you need is a gas pipe with an 8mm diameter
White **070536**
Ivory **070537**

Reich gas supply box with lock and valve
Supply connection for gas, with safety valve and lock. 10mm inlet. Installation dimensions: 157x67mm **070465**

Gas outlet box and lid
Fits into outside wall of caravan for easy connection of BBQ. Cut out -60mm Ø 60mm depth. Finished - 90mm x 85mm
070463
Lid only   **070461**
Nozzle only   **070462**

W4 compression lock for gas locker
WD barrelled compression lock with lever attachments. As used by manufacturers including Explorer, Bailey and Coachman. Supplied with 2 keys **070318**

Gas bottle holder
Keeps gas bottle fixed while in transit. Available singly or 10 per outer **070320**

W4 gas bottle retaining kit
Gas bottle retaining kit secures up to 7kg gas bottle when travelling. **070321**

W4 gas locker key
Replacement steel key for gas lockers (070319). Available singly or 10 per outer **070322**

W4 gas bottle locker lock
Lock supplied together with necessary fittings to enable easy installation into a variety of locker types. Supplied without keys **070319**

Fuel

C206
Pierceable. Contains 190g of butane/propane mix. 36 per outer **109964**

CV 300 Plus
High security self-sealing valve. Can be easily disconnected and reconnected even when not empty. Contains 240g of butane/propane mix. 24 per outer **109966**

CV 470 Plus
High security self-sealing valve. Can be easily disconnected and reconnected even when not empty. Contains 450g of butane/propane mix. 12 per outer **109967**

Coleman 250
Contains 220g of 70/30 butane/propane mix in threaded self-sealing cartridges with safety valve. Size: Ø 105 x 90 mm. 24 per outer **109970**

Coleman 500
Contains 445g of 70/30 butane/propane mix in threaded self-sealing cartridges with safety valve. Size: Ø 105 x 160 mm. 12 per outer **109971**

Propane non-refillable cylinder
Thanks to physical properties of Propane, every last gram of gas in the cylinder is used to operate the appliance. It is also a cleaner combusting fuel, producing less carbon dioxide and as a result, less pollution. Coleman® Contains 465 g of propane. Size: Ø 195 x 100 mm. Weight: 935 g. 12 per outer **109973**

Coleman camp fuel
Coleman fuel is a liquid petroleum fuel (100% light hydrotreated distillate). It has an octane rating of 50 to 55 and a flammability similar to petrol. 1 litre 12 per outer. **109974**

Stove cartridge
Cellophane wrapped economical 4 pack of gas for camping stoves. Resealable, can be removed when part full for convenient and safe storage. 6 per outer **109945**

CP250
Contains 250g of Isobutane. For use with Bistro® type stoves. 12 per outer **109965**

Cadac gas canister
190g Pierceable **070450** 36 per outer
500g Resealable **070456** 12 per outer

CG 1750
Taymar cartridge, for use with blowlamps and blowtorches. 175g. 12 per outer **109969**

Refil for gas lighters
250ml. 12 per outer **070480**

Travel safety

Alcosense breathalyser kit
It is a legal requirement when driving in France to carry a breathalyser kit in your vehicle. It has to have NF approval, therefore a UK breathalyser kit is not suitable for use in France. Alcosense meets NF approval, but also meets the level of 0.5%BAC which is adopted by most European countries. Available singly or 100 (singles) or 36 (twin) per outer
Single pack   **070598**
Twin pack   **070599**

AA euro travel kit
Euro travel kit includes: AA Glovebox Atlas Europe, AA Driving in Europe Guide – Essential Travel Information, hazard warning triangle, headlamp beam converters, magnetic GB plate, reflective emergency jacket, first aid kit **070621**

AA high viz vest
Reflective vest conforms to EN471 high visibility clothing. Wipe clean only **070602**

Emergency hooded poncho (3)
Light weight reusable emergency rain ponchos. 2 Adult and 1 child. 24 per outer **070603**

Gas safety

Dual sensor gas alarm
Specially designed for Home, Boat, Caravan & Motor home installation. HxWxD: 11.5cm x 7.5cm x 4cm
Detects:
- Carbon Monoxide (CO)
- Diethyl-ether ("knock-out" Gas)
- Butane and Propane LPG
- Coal gas
- Ultra compact design
- 12v DC or 230v AC
- Low current consumption (50mA @ 12v DC)
- Built in loud siren (90db @ 1M)
- Status LED's for power, triggering and sensor malfunction
- Test button with auto reset
Available singly or 6 per outer **070660**

FireAngel smoke alarm
Built-in nuisance alarm silencer, comes complete with battery. 5 year guarantee. NCC approved. Available singly or 10 per outer **070650**

Kidde carbon monoxide alarm
Comes complete with 3 x AA batteries. 5 year guarantee. Available singly or 12 per outer **070668**

FireAngel carbon monoxide alarm
Comes complete with 2 x AA batteries. 7 year guarantee. NCC approved. Available singly or 5 per outer **070665**

Sleepsafe CO detector
Twin pack
- Colour change Carbon Monoxide detector
- Ideal for use in homes, offices, hotels, bedsits, caravans, boats and aircraft
- Reacts to low level Carbon Monoxide (<50ppm)
- Easy to use
070656

Fire safety ∎∎∎∎∎ANAF∎

It is important to choose the right fire extinguisher as specific extinguishers are designed for different types of fire. The UK recognizes six fire classes:
Class A fires involve organic solids such as paper and wood.
Class B fires involve flammable or combustible liquids, including petrol, grease, and oil.
Class C fires involve flammable gases.
Class D fires involve combustible metals.
Class E fires involving electrical appliances (no longer used as when the power supply is turned off an electrical fire can fall into any category).
Class F fires involve cooking fat and oil (use blankets)

Anaf foam AB extinguisher
- Rating A & B
- Fire Rating 34AB
- Ideal for kitchen, car, garage, motorhome
0.85 litre. Available singly or 6 per outer **070630**

Anaf powder ABC extinguisher plus gauge
- Rating A, B, C & electrical
- Fire Rating 34AB 5A 34 BC CEN EN3 approved
- Marine approval
- Ideal for caravan, car, boat, home, motorhome
1kg 6 per outer **070635**

Fire blanket with holder
Manufactured to BS6575. Supplied in rigid plastic container which can be hung on the wall. 1 m² blanket. Available singly or 10 per outer **070627**

Fire blanket
Manufactured to BS6575. Supplied in wallet which can be hung on the wall. 1 m² blanket. Available singly or 10 per outer **070625**

Fire bucket and lid
28cm tall. 22cm ø base. 26cm ø lid. Available singly or 20 per outer **070672**

First aid kits

Grove camping first aid pouch
Contents:
1 x Guidance on first aid leaflet
5 x Skin closure strips 75 x 3mm
2 x 20ml Eye/wound wash solution
1 x Roll-on insect repellent
1 x Medium powder free vinyl gloves
1 x Microporous tape 1.25cm x 10m
5 x Sterile gauze swabs 8ply 5cm²
3 x Burnshield hydrogel 3.5ml sachet
1 x Foil survival blanket 56 x 84"
1 x Sterile eye pad dressing
1 x Triangular bandage 90x90x127cm with 2 pins
1 x Sterile medium dressing 120x120mm
1 x Sterile No. 16 Eye pad dressing
1 x Resuscitation face shield foil pack
4 x Alcohol-free moist wipes
1 x Small scissors green handle 4"
20 x Assorted transparent plasters
070607

Grove caravan & motor home first aid kits
Contents:
1 x Guidance on first aid leaflet
10 x Assorted transparent plasters
10 x Children's plasters
1 x 20ml Eye/wound wash solution
1 x Triangular bandage 90x90x127cm
2 x Safety pins
2 x Sterile medium dressing 120x120mm
1 x Sterile large dressing 180x180mm
10 x Alcohol-free moist wipes
1 x Medium powder free vinyl gloves
1 x Scissors
1 x Plastic tweezers
Box **070605**
Pouch **070606**

Grove first aid pouch
Contents include:
Alcohol-free wipes, plasters, dressings, bandages, gloves, tape, scissors, emergency blanket, safety pins
070612

Oven only

Thetford Cara oven
- 34 litre capacity with 3 shelf positions
- Thermostatically controlled oven
- Grillbox compatible with Spinflo hobs
- Flame failure device
- Total heat input 1.5 Kw
- W480 x D450 x H550mm. Excludes open door
- Internal: W375 x D360 x H252mm
- Operating pressure: Propane 37mbar, Butane 28mbar

091170

Ovens with grills

Smev 30 litre oven & grill FO311GT
- Voltage 12v DC (electric ignition)
- Oven output 1.2kw
- Gas consumption oven 87g/h
- Grill output 1.6kw
- Gas consumption grill 116g/h
- Gas supply pressure. 30 mbar
- Total output 2.3kw
- Total consumption 203 g/h
- Oven capacity 30L
- Stainless steel
- Thermostatically controlled
- Interior lamp
- Overall: W530 x D415 x H430mm
- Built in: W500 x D460 x H410mm
- Weight 19.5 Kg
- Test Mark CE

091203

Smev 20 litre mini oven & grill FO211GT
- Same specification as 30 litre
- Oven capacity 20L
- Overall: W530 x D410 x H310mm
- Built in: W504 x D460 x H283mm
- Weight 13.2 Kg

091200

Thetford Duplex oven & grill
- 36 litre capacity
- Total heat input: grill 1.6 Kw
- Total heat input oven 1.6 Kw
- Flame failure device
- External: W456 x D440 x H408mm
- Built in: W445 x D505 x H424mm
- Weight: 13.5 Kg

091172

Thetford Duplex oven & grill with sliding door
As 091172 except that the door slides back into oven when open.
- Oven Capacity 32.4 litres
- External: W527 x D530 x H408mm
- Built in: W525 x D460 x H424mm
- Weight: 14.5 Kg

091174

Thetford Midi Prima oven & separate grill
- Stainless steel
- Independent oven & grill
- Oven Capacity 36 litres
- Total heat input grill 1.6 Kw
- Total heat input oven 1.5 Kw
- Flame failure device
- W445 x D490 x H826mm
- Weight: 19.5 Kg

091185

Oven, hob & grill

Thetford Triplex oven, grill and 3 burner hob
- 36 litre capacity
- Total heat input grill 1.6 Kw
- Total heat input oven 1.6 Kw
- Total heat input hotplate 2 x 1.8 Kw + 1 x 2.4 Kw burners
- Flame failure device
- External: W463 x D500 x H468mm
- Weight: 21.5 Kg

091177

Thetford Aspire oven, separate grill & 4 burner hob
- Capacity 42 litres 9.74W
- Total heat input grill 1.6 Kw
- Total heat input oven 1.6 Kw
- Hob: 2 x 2Kw, 1 x 1.5Kw & 1 x 1Kw burners
- Flame failure with automatic gas shut-off on all burners
- W517 x D535 x H920
- Weight: 31.5 Kg

091187

Thetford Caprice Mk3 oven, separate grill & 4 burner hob
- 36 litre capacity
- Stainless steel
- Total heat input grill 1.6Kw
- Total heat input oven 1.5Kw
- Total heat input hotplate 3 x 1.5 Kw +1 x 1 Kw burners
- Flame failure with automatic gas shut-off on all hotplate burners
- W513 x D500 x H844mm
- Weight 27.5 Kg

091181

Combination units

Smev 9222 combi sink & lid

Supplied with hole for optional tap (39mm)
- Voltage 12v DC (electric ignition)
- Power rating Output 1x1kw, 1x1.8kw
- Gas consumption 204g/h
- Gas supply pressure 30 mbar
- 2 burners
- W900 x D370 x H152mm
- Built in dimensions W793 x D307mm
- Weight 5.8 Kg
- Test Mark CE

Left hand   **091224**
Right hand (as shown)   **091223**
Optional tap **091240**

Smev 2 and 3 burner combi unit

Supplied with hole for tap (39mm)
- Voltage 12v DC (electric ignition)
- Power rating 2.8kw (2 burner) 3.8kw (3 burner)
- Gas consumption 204 g/h (2 burner)
  227 g/h (3 burner)
- Gas supply pressure 30 mbar
- W680 x D440 x H142mm
- Built in dimensions W666 x D426mm
- Weight 5.6 Kg
- Test Mark CE

Smev 8322 2 burner **091225**
Smev 8323 3 burner **091226**
Optional tap **091240**

Smev combi sink & lid

Lid made from safety glass, piezo ignition. Supplied with hole for optional tap (39mm)
- Output 1.0 kw
- Gas consumption 73 g/h
- Gas supply pressure 30 mbar
- 1 burner
- W525 x 421 x H152mm
- Test Mark CE

Left hand   **091222**
Right hand (as shown) **091221**
Optional tap **091240**

Tap for Smev sinks
091240

Hobs

Thetford rectangular hob

- 12V electric spark ignition
- Stainless steel
- 2 x 1.5Kw burners
- 1 x rapid burner 2.5Kw
- 40mm black knobs
- W540 x D445 x H98.2mm
- Weight 5.6 Kg
091149

Smev 8063 hob & lid

- Voltage 12v DC
- Output 4.6kw
- Gas consumption 335 g/h
- Gas supply pressure 30 mbar
- 3 burners
- W560mm x D440mm
- Test Mark CE
091219

Smev 8062 hob & lid

- Voltage 12v DC
- Output 2.8kw
- Gas consumption 204g/h
- Gas supply pressure 30 mbar
- 2 burners
- W480mm x D370mm
- Test Mark CE
091215

Thetford Topline 160 hob

No rattle design can also be surface mounted.
- 12V electric spark ignition
- Flame failure device
- Sealed, metal cast burners
- 2 x 1.5 kW, 1 x 2.5 kW burners
- Chinchilla glass lid
- 2 year limited warranty
- W546 x D482 x H105mm
- Weight 10.7 Kg
091164

Thetford triangular hob

- 12V electric spark ignition
- Stainless steel
- 3 x 1.5Kw burners
- 40mm black knobs
- W480 x D480 x H100.5mm
- Weight 4.1Kg

Left hand (as shown)   **091146**
Right hand   **091147**

Thetford Argent 4 burner hob

- 12V electric spark ignition
- Gas hotplate 4 x 1.5Kw
- Stainless steel
- W470 x D570 x H110mm
- Weight 6.5 Kg
- Chinchilla glass-toughened, heat resistant cutting surface

Left hand   **091162**
Right hand (as shown) **091161**

Sinks

Smev 8306 sink & drainer

Integrated heat-resistant safety glass, stainless steel drainer, pre-drilled tap hole 39mm, AC 540 siphon, rubber seal. W680 x D440 x H150mm
091233
Optional tap **091240**

Tap for Smev sinks
091240

Thetford Argent sink

- Stainless steel
- W630 x D470mm
- Sink bowl 157mm deep
- Weight 5.5 Kg
- Chinchilla glass – toughened, heat resistant cutting surface
Left hand **091153** as illustrated
Right hand **091152**

Smev 8005 sink & lid

Integrated heat-resistant safety glass, pre-drilled tap hole 39mm, AC 540 siphon, rubber seal. W420 x D370 x H145mm **091234**
Optional tap **091240**

Thetford Kitchen centre

- Brushed stainless steel
- W470 x D360 x H153mm
- Sink bowl 11 litres
- Weight 3.2 Kg with lid
- Chinchilla glass – toughened, heat resistant cutting surface
- Optional extras – plastic bowl insert, plastic drainer, chopping board, cutlery rack (as illustrated)
- Prices on application
091160

Smev 8006 sink & lid

Integrated heat-resistant safety glass lid, tap fitting inside, AC 540 siphon, rubber seal, pre-drilled tap hole 39mm W420 x D440 x H145mm. Built in dimensions W405 x D425mm. Weight 3.4 Kg
091232
Optional tap **091240**

Thetford triangular bowl

- Stainless steel
- W400 x D445 x H145mm
- Weight 2.9 Kg
- Pre-drilled tap hole 33mm
- Waste takes 1¼" outlet
Left hand **091155**
Right hand (as shown) **091156**

Smev VA7306 round sink & lid

Integrated heat-resistant safety glass lid, tap fitting inside, AC 540 siphon, rubber seal, pre-drilled tap hole 39mm W420 x D148mm. Built in dimensions 400mm. Weight 3.4Kg **091231**
Optional tap **091240**

Thetford rectangular bowl

- Stainless steel
- W400 x D445 x H145mm
- Weight 2.9 Kg
- Pre-drilled tap hole 33mm
- Waste takes 1¼" outlet
091158

Oven shelves

Universal oven shelf
- Adjustable shelf
- Suitable for most ovens and fridges
- Min 350mm, max 560mm
091190

Stoves oven shelf
355mm x 308mm
091193

Oven shelf guard
Withstands temperatures up to 300°C. Supplied in pairs
091195

Cooker hood

CK 2000 cooker hood display stand
Attractive shop merchandiser supplied free when you order 4 x CK2000 cooker hoods **091301**

Dometic CK2000 cooker hood

- Lateral air suction ensures efficient performance – 50 m3/h
- Easy installation as no roof mounted ventilator is necessary
- 2 fan-speed regulation and integrated halogen lights
- Washable grease filter and exchangeable carbon filter
- Easy access to filters and lamps
- 2x10w 12v halogen lamps **091300**

Cooking & heating

Storage water heaters

Truma Electroboiler 14 Litre

Electric 14 litre capacity boiler using innovative insulation which maintains the temperature of the hot water for longer periods of time making it extremely energy efficient.
- With control panel, 2.5m connecting cable and safety drain valve
- Minimal heat loss (approx 1.1°C per hour) due to EPP foam insulation
- Short heating time – from 15°C to 70°C in just 70 minutes
- 230v power supply
- 850w heating element (230v / 3.7A)
- Water pressure of up to 2.8bar
- Weight 3.0kg
- 40.5cm wide, 29.5cm in height
- Max water temp 70°C

871200

truma

Truma Ultrastore

- Stainless steel water tank
- Space saving – 10 litre tank only measuring 26cm in height
- Powerful 1.5kw gas burner
- Heating up time 35 minutes for 10 litres – 50 minutes for 14 litres
- Reduces to 20 minutes with the gas and electric version (10 litres)
- Closed combustion system with wall flue
- Easy to operate – temperature selection approximately 30°C - 70°C
- Low battery load – 12v - ignition 0.17A – heating up 0.08A – stand-by 0.04A
- Suitable for all submersible and pressure pumps up to 2.8 bar

Four different models available:

871552	Rapid GE Gas and electric (450w)	10 litre capacity	Complete with control panel
871512	Gas only	10 litre capacity	Complete with control panel
871632	Rapid GE Gas and electric (450w)	14 litre capacity	Complete with control panel
871612	Gas only	14 litre capacity	Complete with control panel
871300	Ultrastore accessory pack stand		

PROPEX

Malaga E water heater

- Capacity 13.5 litre
- Efficient gas burner for faster warm up
- 750W element – use on its own or with the gas burner for speed
- Small flue terminal – neat appearance outside the van
- Safe – combustion products are completely sealed from the caravan interior
- Easy to fit and service
- Electronic control
- Resettable cut out
- Dimensions H250 x W325 xD445mm

070741

Malaga flue terminal
070736

Cascade/ Malaga adaptor plate
For use when replacing a Carver Cascade water heater with a Malaga
070742

Propex water heater 10 Litre

The mounting bracket has range of securing options and can be screwed to the wall or floor. Supplied water hose connectors gives options of 12mm push fit female fitting or adapter to 12mm barbed hose connector
- Voltage: 220v
- Power: 900w
- Rated frequency: 50Hz/60Hz
- Current: 4.1A
- Pressure: 0.8MPa (116psi)
- Minimum start-up pressure: 0.05MPa (7psi)
- Water temperature: 75°C
- Fitted socket: 250V, 16A
- Heating efficiency: >90%
- 5 Year tank guarantee
- Dimensions 378 x 276 x 280mm
- Weight 6.5kg

070754

Storage water heaters

Truma Therme TT-2

The proven Truma Therme warms water up using heat from the heating system – a warm air duct runs directly through the device. The Therme also features an electric heating element (300w) so water can be warmed up even if you do not have the heating on.
- Heating time (electrical operation) from approximately 15°C to approximately 60°C - 50minutes
- Power supply 230v 50Hz
- Power consumption 1.3Amp (300w)
- Temperature limit 65°C
- W220 xD370 x H230mm
- Water capacity 5 litres
- Operating pressure (maximum) 1.2bar
- Weight 2Kg
842012

| Drain valve | Water container | Heating element | Control panel |
| **800400** | **801500** | **814200** | **819900** |

Instantaneous water heaters

Morco D61
See table below.

Morco G111E
See table below.

Flue cowl
D61 **070728**
G11 **070710**

Flue Pipe
070730

WOW A full range of spares for Morco water heaters are available in the spares section

Model Number	D61B	D61E	G11E
Hot water delivery @ 25°C temperature rise	6 litres/min	6 litres/min	11 litres/min
Ignition type	Piezo	Electronic	Electronic
Gas type and pressure	All models - Propane 37 mbar / Butane 28 mbar		
Minimum inlet water pressure required for operation with hot tap open	1 bar	1 bar	1 bar
Maximum inlet water pressure	10 bar	10 bar	10 bar
Maximum heat input	11.1kw	11.1kw	22.8kw
Maximum heat output	9.4kw	9.4kw	19.2kw
Dimensions (mm) Height	573	573	680
Width	266	266	350
Depth including controls knobs	225	225	265
Excluding knobs	190	190	230
Grove Part Number	070703	070705	070707

Combination water and space heaters

truma

Technical details

500*		540*

350*

*Minimum installation dimensions in mm (please ensure that there is enough room for installation and servicing work to be carried out)

Time to heat water up from approx. 15°C to approx. 60°C	Approx. 20 min. (boiler), approx. 80 min. (heater + boiler), approx. 45 min. (electrical operation)
Air flow rate	Max. 287 m³/h
Power consumption (12 V) (heater + boiler)	Combi 4 Ø 1.1 A (0.2 – 5.6 A), Combi 6 Ø 1.3 A (0.2 – 5.6 A)
(heating up boiler)	0.4 A
Power consumption (230 V)	900 W 3.9 A
	1800 W 7.8 A
Rest current	0.001 A
Water capacity	10 litres
Water pressure	Max. 2.8 bar

Weight without water	Combi	Combi E
Without peripherals	14.0 kg	15.1 kg
With peripherals	14.5 kg	15.6 kg
Product ID number	CE-0085BS0085	

	Combi 4		Combi 6		
Burner stage	1	2	1	2	3
Rated thermal output	2000 W	4000 W	2000 W	4000 W	6000 W
Gas consumption	160 g/h	320 g/h	160 g/h	320 g/h	480 g/h

Truma Combi 4 (E), Combi 6 (E)

LP gas and electric heater with water boiler. Heater (excluding exhaust duct) complete with room thermostat, control panel with 3 m cable, mounting parts, current-free frost control safety/drain valve and elbow fittings for 10 mm Ø water hoses. Models with water connections for semi-rigid piping (John Guest System) available on request.

Combi 4   **833700**
Combi 4E   **833710**
Combi 6   **833800**
Combi 6E   **833810**

WOW A full range of spares for Truma and Propex water heaters are available in the spares section

Blown air space heaters

PROPEX

Propex heatsource
- The smallest of this type of heater on the market.
- One of the quietest combustion heaters in production
- Designed for reliable, maintenance-free operation
- Fast warm-up time
- Airflow sensing detects blocked or restricted flue pipes
- Self-diagnostic fault finding

2000W   **090016**
2800W   **090028**

Ducting 60mm per metre **090018**
Outlet (no reducer) **090019**
Reducer **090017**

Blown air heaters
*Gas and current consumption is calculated on a 'continuous running' basis

Model	Heatsource 2000	Heatsource 2800
Average gas consumption	128g/hr	225g/hr
Heat Input	2kw	3kw
Heat Output	1.8kw	2.8kw
Voltage	12v or 24v	12v or 24v
Current consumption	1.2A	1.9A
Air throughput	50 C.F.M.	85 C.F.M.
Dimensions (mm)	312x168x95	415x210x120

Trumavent fans

For use with Trumatic S heaters circulates hot air throughout the vehicle.
- In all Trumavent fans a flap enables you to individually regulate the air output between the two warm air outlets to suit the room division
- On the TEB-2 / 3 with automatic speed control the air output adjusts to the respective thermal output
- High air flow rate of over 200,000 litres/h

Common spare parts
Motor for TEB 2 **842000**
Cable for TEB 2 control panel (case control) 800mm **845000**
Control panel (case control) TEB 2 **846000**
PCB for TEB 2 **857100**

	TEB 2	TEB 2	TN-2	TEB 3	TEB 3	TN-3	Multi-vent
Power Supply	12v	12v	230v	12v	12v	230v	12v
Current	0.3 - 1A	0.3 - 1A	0.5A	0.3 - 1A	0.3 - 1A	0.5A	0.23 - 0.5A
Power	4 - 13W	4 - 13W	65W	4 - 13W	4 - 13W	65W	3 - 6W
For use with	S3002	S3002	S5002	S3004	S3004	S5004	S2200 / Extractor
Control	Case control	Wall control	Wall control	Case control	Wall control	Wall control	
Part no.	**841121**	**841122**	**841222**	**841241**	**841242**	**841251**	**841140**
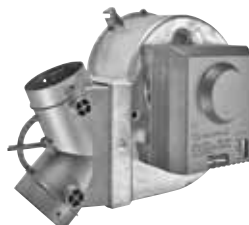
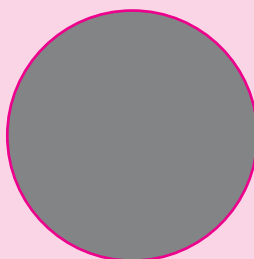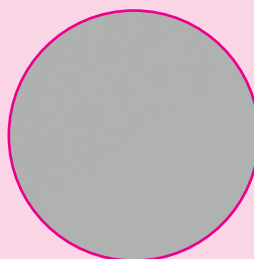**TEB 2**   **TN 3**   **Multi-vent**

Radiant heaters

Titanium Grey
(aka Titan Grey)

Pearl Grey

WOW A contemporary new design for the Trumatic range of gas heaters from Truma. Please order the heater and front casing separately.

Trumatic S3004 gas heater
Designed for use in average sized caravans
- Automatic ignition or piezo ignition
- Thermostat and installation box as standard
- Choice of colour on casing
- Uniform heat distribution with the addition of a Trumavent fan
- Exhaust duct via the roof
- Thermal output 3.5kW
- Gas consumption 30 - 280 g/h
- Please note cases to be ordered separately
S3004 gas heater with auto ignition **831380**
S3004 gas heater with piezo ignition **831390**
Front case Titanium grey **830060TG**
Front case Pearl grey **830060PG**

Trumatic S5004 gas heater
For large caravans and motor homes
- With automatic ignitor
- Exhaust duct via the roof
- Thermostat and installation box as standard
- Even heat distribution and full utilisation of the high heating capacity with Trumavent fan
- Thermal output 6kW, gas consumption 60 - 480 g/h
- Please note cases to ordered separately
S5004 heater **831570**
Front case Titanium grey **830070TG**
Front case Pearl grey **830050PG**

Ultraheat electric heater
Additional electric heater with thermostat, control panel and 3 metre connecting cable. Installation is between the heat exchanger and installation box
IMPORTANT!! Installation must be carried out by an expert
- Power supply: 230v/50Hz
- Power consumption at power rating;
500w: 2.2A, 1000w: 4.5A, 2000w: 8.5A
Suitable for use with Trumatic S3002, S5002, S3002(P) after July 1981, Trumatic S5002 after April 1998 (with semicircular front design) and with the new Trumatic S3004 and S5004. Installation is between the heat exchanger and installation box
830401

Blown air accessories

WOW A full range of blown air ducting and outlets is shown in the spares section.

Awning warmer
For guiding the warm air from the existing caravan heater directly into the awning.
Contents:
- Warm air outlet with cover
- 1 metre of ducting
- 65mm diameter straight connector
- T-pipe TS and duct shut-off SP2
White **840365**

Heater	Flue - Inner pipe	Flue - Outer pipe	Blown air distribution pipe	Insulating ducting
S2200	**801536**	**801288**		
S3002/S3004	**801536**	**801288**		
S5002/S5004	AE 5 : 30160-00	UR 5 :40250-00		
Combi / Combi E	AA 3 : 39320-00	ZR 80 : 39580-00	**801288**	**801291**
E2400	**839420**	ZR24 : 39440-00	**839580**	
E4000	AA 3 : 39320-00	ZR 80 : 39580-00	**839550**	I 80 : 39570-00
TEB 2/3			**801288 or 839550**	
TN 2/3			**801288 or 839550**	
Multivent			**801288 or 839550**	

Mobile heating

Mini radiator 450W
- 5 fin
- 450w
- Overheat safety thermostat
- Built in carry handle

090092

Radiant heater with clip-on regulator
- 4.2 Kw of heat output
- 3 heat settings
- Full anti-tilt safety device & oxygen analyser
- Peizo/pulse ignition system
- Sturdy lockable castors
- Revolutionary case design, door folds in when cylinder not fitted to save space
- Suits up to 15kg gas cylinders
- Colour: Black
- W460 x D390 x H775mm
- Weight 9.3 Kg
- Gas type LPG
- Fully CE approved BS EN449

WARNING
USE ONLY IN A WELL VENTILATED AREA

090089

Radiant mini heater with clip-on regulator
- Simple, safe and silent operation
- Piezo/pulse ignition system
- Provides even distribution of heat quickly and efficiently
- Oxygen analyser
- Easy rolling swivel castors
- Powerful and efficient 4.2 Kw
- Suits up to 7kg gas cylinders
- W403x D367 x H625mm
- Weight 6.8 Kg
- Gas type LPG
- Fully CE approved BS EN449

WARNING
USE ONLY IN A WELL VENTILATED AREA

090088

Frost watcher 500w
- 230v heater
- Ideal for caravans to protect against frost over winter
- Thermostatic control
- H 270 x W 245 x D 105mm

Available singly or 6 per outer

090069

Halogen heating

Halogen heater
- Instant heat
- Safety cut off feature
- 2 heat settings – 400w / 800w
- Voltage 230v – 50Hz
- Easily cleaned
- Simple controls
- Carry handle

090065

Oscillating halogen heater
- Instant heat
- Voltage 230v – 50Hz
- On/off oscillating facility
- 3 heat levels – 400w / 800w / 1200w
- Safety cut off feature
- Thermofuse cut off

Aviailable singly or 6 per outer

090066

Oscillating halogen heater with remote control

Specification as 090066 with the additon of:
- Remote control – on/off, timer, swing & power

Available singly or 6 per outer

090067

Holiday home heating

WIDNEY
Modena gas fire
- 3.8 kw heat output
- Suitable for use on butane 28 mbar or propane 37 mbar
- Contemporary design compliments latest mantel/marble settings
- Simple fixing
- Radiant heat output

090105

Ring car heater 12v

Compact design with hidden foldable handle to provide directional heating and defrosting. Fitted with fused 12V cigarette lighter plug 150W. Cooler fan and heater selector switch. LED light. 360° angle swivel base.

Available singly or 6 per outer **090071**

THETF☀RD refrigerators – Other models available for manufacturers only

N3080E - Absorption refrigerator with electric ignition and wheel arch cut out. Manual power source selection. White door bins and vegetable bin. Light grey framed door and control panel. Power cables and gas inlet tube are at the rear base of the refrigerator **089068**

Gross capacity	81 litre with freezer compartment 10 litre freezer compartment
Energy supply	230v AC / 50Hz 12v DC LPG 28 mbar butane, 37 mbar propane
Consumption 230v/12v Gas	2.4 kWh / 24h 240 g / 24h
Dimensions W x H x D	486 x 821 x 543mm
Wheel arch model	Yes
Display	LED
Weight	22.5 Kg

N3100E - Absorption refrigerator with electric ignition. Manual power source selection. White door bins and vegetable bin. Light grey framed door and control panel. Power cables and gas inlet tube are at the rear base of the refrigerator **089071**

Gross capacity	97 litre with freezer compartment 11 litre freezer compartment
Energy supply	230v AC / 50Hz 12v DC LPG 28 mbar butane, 37 mbar propane
Consumption 230v/12v Gas	2.8 kWh / 24h 330 g / 24h
Dimensions W x H x D	525 x 821 x 543mm
Wheel arch model	No
Display	LED
Weight	27 Kg

N3112A - Absorption refrigerator with electric ignition. Automatic power source selection. White door bins and vegetable bin. Light grey framed curved door and control panel. Wheel arch cut out. Power cables and gas inlet tube are at the rear base of the refrigerator **089069**

Gross capacity	113 litre with freezer compartment 14 litre freezer compartment
Energy supply	230v AC / 50Hz 12v DC LPG 28 mbar butane, 37 mbar propane
Consumption 230v/12v Gas	2.6 kWh / 24h 270 g / 24h
Dimensions W x H x D	525 x 821 x 628mm
Wheel arch model	Yes
Display	LCD / Touch control
Weight	24 Kg

N3145A - Absorption refrigerator with electric ignition. Automatic power source selection. Redesigned interface with touch control. Fade-in interior light. White door bins and vegetable bin. Black framed door and control panel. Power cables and gas inlet tube are at the rear base of the refrigerator **089073**

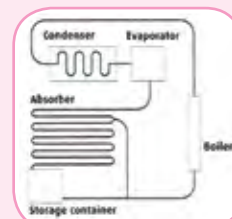|	
Gross capacity	118 litre refrigerator compartment 23 litre freezer compartment
Energy supply	230v AC / 50Hz 12v DC LPG 28 mbar butane, 37 mbar propane
Consumption 230v/12v Gas	4 kWh / 24h 420 g / 24h
Dimensions W x H x D	525 x 1245 x 543mm
Wheel arch model	No
Display	LCD / Touch control
Weight	37 Kg

Refrigeration

Absorption refrigerators ⑪ Dometic

Dometic provide the most comprehensive range of absorption refrigerators available in the caravan and motorhome market. These virtually silent appliances are more efficient and lighter than ever!

WOW Many more models available on request please speak to your sales contact for details.

How absorption cooling works

A concentrated ammonia solution is heated in a boiler and expelled as vapour. The pressurised ammonia gas is then liquified in a condenser. Supplied with hydrogen, it evaporates and extracts heat from the storage container. The ammonia gas then enters the absorber where it is re-absorbed in a weak solution of ammonia. Finally, the saturated solution flows back to the boiler where the whole cycle starts again.

| ABSORPTION MODELS	RM122	RM123E	RF60	RM5310	RM5330	RM8401	RMS8401
Grove part number	088040	088042	088046	087995	087996	088006	088007
Ignition system	Piezo	Reignitor	12v battery	Battery	Battery	MES	MES
Gross capacity (L)	31	31	Approx. 60	60	70	90	80
Includes freezer compartment of (L)	-	-	-	5	5	8*	8*
Input rating 230V (Watts) 12V (Watts) Gas (g/h)	- 75 8.6	75 75 8.6	110 110 14.8	125 120 18.3	125 120 18.3	135 130 18.3	125 120 18.3
Consumption /24h 230V (kW/h) 12V (kW/h) Gas (g)	- 1.3 140	1.3 1.3 140	1.9 1.9 325 / 375	2.5 2.5 270	2.5 2.5 270	2 to 2.2 2 to 2.2 250 to 270	2 to 2.2 2 to 2.2 250 to 270
Cooling capacity Refrigerator/freezer temperature at ambient temperatures up to 32°C	Refrigerator +7°C	Refrigerator +7°C	Up to 30°C below ambient temperature	Refrigerator +7°C Freezer up to -12°C	Refrigerator +7°C Freezer up to -12°C	Refrigerator +7°C Freezer up to -12°C	Refrigerator +7°C Freezer up to -12°C
Insulation (PU foam all around)	No	No	Yes	Yes	Yes	Yes	Yes
Dimensions (W x H x D mm)	380x585x440	380x585x440	486x615x490	486x618x474	486x821x474	486x821x569	486x821x569
Stepped model to allow installation over a wheel arch	No	No	Not designed for installation	No	Yes	No	Yes
Weight	15	15	26	20	22	27.5	25

*These models have removable freezer compartments to allow increased refrigerator volume. In doing so the gross volume is increased by 5 litres

Compressor refrigerators WAECO by Dometic GROUP

Premium built-in refrigerator in stainless steel finish for motor homes, caravans, yachts and boats. Interior light. Double lock door with magnetic seal. CRP40 has a detachable cooling unit (saving 182mm depth when installed separately)

How compressor cooling works

Compressor units operate using a refrigerant that changes from a liquid to a gaseous state in the evaporator. The evaporation extracts heat from the interior of the cooling unit – the temperature drops. The compressor draws in the refrigerant, compresses it and passes it on to the condenser. Here, the absorbed heat is released to the atmosphere. The refrigerant liquifies again and flows to the evaporator, where the cycle begins again.
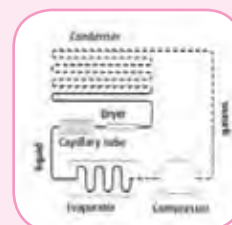
COMPRESSOR MODELS	CRP40	CR50	CR80	CR110
Grove part number	087090	087091	087095	087097
Gross capacity (L)	39	48	80	108
Includes freezer compartment of (L)	5.3	5	7.9	10.2
Energy supply	12/24V	12/24V	12/24V	12/24V
Average power consumption (Watts)	40	40	48	50
Consumption (Ah/h) at +25°C +32°C with interior temperature at +5°C	0.77 1.77	1.4 1.7	1.8 2.1	2.2 2.5
Weight	18	19	23	28
Dimensions (W x H x D mm)	380 x 536 x 310 (+182)	380 x 534 x 500	475 x 640 x 528	520 x 745 x 558

Coolpower EPS100

Mains rectifier for hassle free connection of 12/24V cooling appliances to 230V mains. Suitable for Waeco CR range.
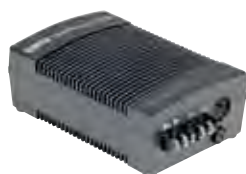
- Input voltage: 230 volts AC
- Output voltage: 25 volts DC
- Output power: 100 Watts
- Battery voltage: 12/24 volts DC
- Output current: 4 Amps
- Switch mode, automatic priority for mains operation

087110

RM122

Compact 31 litre refrigerator. Excellent size for small campervans. 12V and gas operation. Thermostatically controlled on gas **088040**

RM123E

Same specification as RM122 with addition of 230V operation with thermostatic control, and an electronic re-ignitor to re-light the flame if it blows out **088042**

RF60

High performance cooling. Not designed for permenant installation this 12V, 230V and gas model is ideal for use in well ventilated areas such as trailer tents, awnings or anywhere where permanent installation is impractical. MUST BE WELL VENTILATED! **088046**

RM5310

New look 5-series 3 way refrigerator. Under the counter model with user-friendly control panel and separate freezer compartment. Replaces RM4210 and RM4211 LM **087995**

RM5330

New look 5-series 3 way refrigerator. Wheel arch cut out model with user-friendly control panel and separate freezer compartment. Replaces RM4230 L **087996**

RM8401

8-series 3 way refridgerator with easy to remove 8 litre freezer compartment giving excellent versatility and comfort **088006**

WOW Please be aware that the 8 series fridges are not designed to have the hinge side swapped (other series are). The 8 series are supplied with a hinge on the left. Right hand can be supplied by special order.

RMS8401

8-series with same space requirements and similar specification to the RM8401 but with wheel arch cut out **088007**

CRP40

Ideal where depth of installation is an issue, this compressor refrigerator has a cooling unit that can be installed separately **087090**

CR50

Compact model compressor refrigerator, ideal for small campervans and conversions **087091**

CR80

Under the counter model compressor refrigerator **087095**

CR110

Compressor refrigerator used for installations up to the full height of the counter **087997**

Absorption chest coolers ⊕ Dometic®

Combicool RC range

Absorption chest coolers, 12v, 230v and gas operation. Piezo ignition, thermostat regulation in 230v mode, 3 stage flame regulation in gas mode. Vertical space for 1.5 and 2 litre bottles. Recessed integrated handles, includes ice cube tray. PU foam all around insulation

WOW Competitively priced 3 way absorption chest coolers
- 12v supply in the vehicle
- 230v mains supply at home or at the campsite
- Gas operation for remote locations

	RC1200	RC1600	RC2200
Pat number	089190	089191	089192
Gross Capacity (litres)	41	31	41
Input rating 230v (watts)	85	75	85
Input rating 12v (watts)	85	75	85
Input rating gas (g/h)	10.6	10.5	10.5
Temperature range (max cooling below ambient temperature °C)	25	30	33
Material	Coated sheet steel	Coated sheet steel	Aluminium
Colour	Silver/grey	Silver/grey	Aluminium/black
Dimensions (H x W x D mm)	441 x 500 x 508	444 x 500 x 443	444 x 500 x 487

12v / 230v Coolers

MOBICOOL
Our Name is our Mission

B40 12v / 230v hybrid cooler/freezer

Maintenance-free, fully hermetic cooling system, reinforced insulation, blue coated steel case, pale grey lid and cover, with all-round rubber seal and magnetic lock, quick-chill functionality thanks to powerful AC compressor.
- Cooling maximum 20°C below ambient temperature
- 230v compressor for AC operation, cooling from +12°C to -15°C
- 40 litre
- Coronet blue
- H x W x D mm: 450 x 520 x 510mm
- Weight 21 Kg
Available singly or 5 per outer **089200**

WOW The powerful compressor means the B40 can also be used as a freezer at a competitive price

W40 12v / 230v cool box

Car and indoor use with dual voltage system, two sturdy wheels and multi-functional pull-out handle, fold-away side handles, split lid to minimise cold loss, cable compartment in lid, fits 2 litre bottles standing, 2 removable divider grids, double fan system.
- Cooling up to 18°C below ambient temperature
- 40 litre
- H x W x D mm: 420 x 560 x 380
- Weight 8.4 Kg
089157

Q40 12v / 230v cool box

Car and indoor use with dual voltage system, sturdy, unbreakable aluminium housing, fold-away side handles, split lid to minimise cold loss, cable compartment in lid, fits 2 litre bottles standing, 2 removable divider grids, double fan system.
- Cooling below ambient temperature -
  12v DC: up to 22°C below
  230v AC: up to 20°C below
- 40 litre
- H x W x D mm: 440 x 580 x 390
- Weight 9.6 Kg
089159

V25 12v / 230v cool box

Car and indoor use with dual voltage system, carrier handle serves to either fix or support the lid, cable compartment in lid, fits 2 litre bottles standing, double fan system
- A peltier cell with 12v direct feed or 230v built in adaptor
- Cooling up to 18°C below ambient temperature
- H x W x D mm: 395 x 396 x 296
- Weight 4.0 Kg
- Capacity 24L
089169

12v / 230v Coolers

CAMPINGAZ

Powerbox® 28L Deluxe

Cools to 16°C below the ambient temperature but it also heats to 65°C. An additional lightweight lid is also provided for extra convenience.

- Operates from 12v dc (or mains adaptor sold separately)
- Holds 2 x 1.5 litre bottles
- Handy drinks container in lid
- Comes with spare passive lid
- Brushless motor and battery control
- Cable storage compartment
- Integrated battery control system prevents car battery from draining
- Detachable and reversible plug for cooling or heating
- Capacity 28 litre
- Weight 4.3kg

089147

Powerbox® 24L Classic

Cooling to 16°C below the ambient temperature.

- Cable storage compartment
- Operates from 12v dc (or mains, adaptor sold separately)
- Capacity 24 litre
- Weight 3.5kg

089145

Passive coolers

Coleman®
The Outdoor Company™

Xtreme® coolers

Designed for the long haul, these Xtreme passive coolers have excellent insulation to allow you to keep food and drinks cool for the longest possible time

- Thermozone insulation
- Hinged lid with deep beverage holders
- Lid takes elastic cords for additional dry storage on top

50 Quart Xtreme® wheeled cooler

- Large wheels for easy manoeuvrability
- Telescopic handle
- Moulded handles for easier lifting and storing
- Capacity: 48L
- Dimensions H x W x D cm: 47.5 x 66 x 42

089174

70 Quart Xtreme® cooler

- Two way handles for flexibilty
- Capacity: 66.2L
- Dimensions H x W x D cm: 46 x 74 x 37

089176

WOW Keeps ice frozen for 5 days even in temperatures of 32°C

Cool box accessories

M10 185x95x30mm
M20 200x168x28mm
M30 254x200x30mm

Freez'Pack®

Can be used in any cool box or soft cooler to keep food and drinks cooler for longer. Simply freeze them, then put them inside the cooler with the food or drink. They're available in a range of sizes and the bigger they are the longer they stay cool.

M10 duo pack 12 per outer **089187**
M20 18 per outer **089181**
M30 12 per outer **089183**

Dometic rectifier 230/12v

Running most 12V coolers from the 230V mains is no problem at all with this 230V AC to 12V DC adapter. 5amp – 60w. Available singly or 12 per outer

089152

Coleman Campingaz rectifier 230/12v

Running most 12V coolers from the 230V mains is no problem at all with this 230V AC to 12V DC adapter.
5amp – 60w **089140**

Ventilators and flue kits

Dometic ventilation system

Dometic turnbuttons for vent cover
White **089014**
Cream **089015**

Dometic Flue Kit
089063

The Dometic ventilation and extraction system ensures optimal performance from your absorption refrigerator. Includes: Upper and lower mounting frames, 2 x grilles (upper with flue insert), upper and lower winter covers and 4 x turn buttons. The mounting frames fit 451mm x 156mm apertures in the outer wall. The flue (not supplied) is integrated into the upper grille for a tidy appearance. Rainproof grilles are secured to the mounting frames by turnbuttons.

A1620 Vent System   White **089010**   Cream **089011**
A1620 Winter Cover (2) White **089012** Cream **089013**
A1620 Insert   White **089017**   Cream **089018**

Fridge fan with auto heat sensor
Improves fridge performance. Fully automatic. Easy installation. Maintenance free. Uses only 0.25 amps. No television/radio interference. 10,000 hour continuous rated motor **089005**

Thetford fridge vent
Supplied singly with frame, vent and flyscreen. 448 x 158mm
White **089074**
Cream **089075**

Thetford winter cover
436 x 130mm
White **089097**
Cream **089098**

Thetford winter cover large
Used on some Lunar, swift and Explorer caravans and mortorhomes. 480 x 233mm
White **089101**

Thetford ventilation kit
Fits all models. Extra cooling performance for your Thetford fridge **089300**

Direct leisure vent kit
Bianco white 384mm x 203mm
Vent **089000**   Cover **089004**

MPK vents
Designed for aperture 342mm x 117mm. Vent colour white.
Surface mounted vent **089031**
Recessed vent **089032**
Vent cover (blushtone) **089033**

Double refrigerator bar
Helps prevent movement of contents whilst travelling. 40cm closed. Extending to 75cm. 8.5cm high **089065**

Double cupboard bar
Useful addition to stop items falling if door opens in transit. 25cm closed. Extending to 45cm. 8.5 cm high **095689**

WOW We carry a large selection of refrigerator spare parts. This is just a small selection of our most common items sold.
For more comprehensive information please see our spares section at the back of the catalogue.

Common refrigerator spares

Gas valves
Dometic **089073**   Thetford **089226**

Thetford travel catches
089091   **089240**

Freezer hinge
Dometic **088107**
Thetford Pair **089238**

Switches
230V **088069**

Dometic travel catches
088058   **088079**   **088104**   **088120**

Dometic elements
12V, 100W **088089**   230V, 105W **088090**
12V, 120W **088077**   230V, 220W **088123**
230V, 125W **089020**
230V, 125W **088109**
230V, 125W **088122**

Dometic Knobs
088068 **088086** **088067** **088087** **088108** **088118**

Melamine tableware

Contemporary designs and colours to complement the latest vehicle interiors

Black Onyx

Dinner set 16 piece	Singly or 6 per outer	081089
Dinner plate	6 per outer	081086
Side plate	6 per outer	081081
Soup/cereal bowl	6 per outer	081082
Mug	4 per outer	081080
Salad bowl	Singly or 6 per outer	081088
Rectangular platter	Singly or 6 per outer	081087

Heritage

Dinner set 16 piece	Singly or 6 per outer	081097
Dinner plate	6 per outer	081094
Side plate	6 per outer	081092
Soup/cereal bowl	6 per outer	081093
Mug	4 per outer	081091
Salad bowl	Singly or 6 per outer	081096
Rectangular platter	Singly or 6 per outer	081095

Zen

Dinner set 16 piece	Singly or 6 per outer	081167
Dinner plate	6 per outer	081163
Side plate	6 per outer	081161
Soup/cereal bowl	6 per outer	081162
Mug	4 per outer	081160
Salad bowl	Singly or 6 per outer	081166
Rectangular platter	Singly or 6 per outer	081165

Cappuccino

Dinner set 16 piece	Singly or 6 per outer	081177
Dinner plate	6 per outer	081173
Side plate	6 per outer	081171
Soup/cereal bowl	6 per outer	081172
Mug	4 per outer	081170
Salad bowl	Singly or 6 per outer	081176
Rectangular platter	Singly or 6 per outer	081175
3 piece container set	Singly or 12 per outer	081178

Pebbles

Pansy

Navy Pinstripe

Ribbons

		Pebbles	Pansy	Navy Pinstripe	Ribbons
Dinner set 16 piece	Singly or 6 per outer	081188	081214	081148	081195
Dinner plate	6 per outer			081145	
Side plate	6 per outer			081143	
Soup/cereal bowl	6 per outer			081144	
Mug	4 per outer	081185	081211	081142	
Salad bowl	Singly or 6 per outer	081187	081213	081147	081194
Rectangular platter	Singly or 6 per outer	081186	081212	081146	081193
3 piece container set	Singly or 12 per outer	081189	081215		

Swirl
White melamine tableware.
All available 12 per outer.
Dinner plate **081352**
Side plate **081353**
Cereal bowl **081354**

Summer acrylic tableware
All available singly or
36 per outer
Dinner plate 21cm **080352**
Dinner plate 25cm **080351**
Hi ball glass **080357**
Wine glass **080355**
Salad bowl 14cm **080354**

Olive
High quality heavy weight melamine with embossed olive pattern.

Dinner plate 300x210mm	12 per outer	**081342**
Bowl 160x142x65mm	12 per outer	**081343**
Mug Printed not embossed	12 per outer	**081340**
Salad plate 255x165mm	12 per outer	**081341**
Appetiser Tray 387x75mm	6 per outer	**081349**
Salad Bowl 300x195x125mm	Singly	**081345**
Round Platter 470x325mm	6 per outer	**081347**

Salad plate

Dinner plate
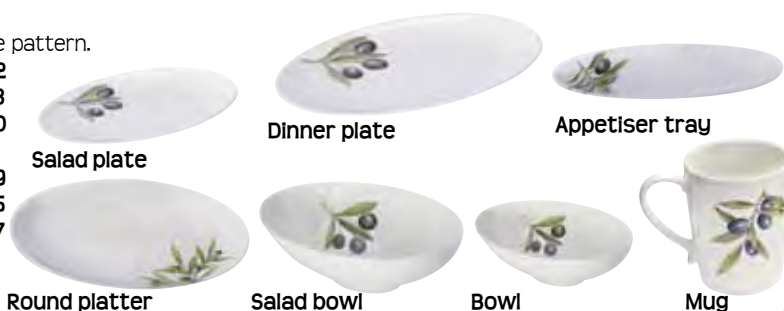
Appetiser tray

Round platter

Salad bowl

Bowl

Mug

Children's melamine

Child's dinner sets
Consists of a plate, a bowl, a tumbler, a fork and a spoon.
Available singly or 12 per outer
Oscars' kitchen **080300**
Charlie & friends **080307**

Child's tumbler sets
Consists of 4 different named acrylic tumblers.
Available singly or 12 per outer
Charlie & friends **080314**

Linea 16 piece dinner set
Consisting of 4 x dinner plates, 4 x side plates, 4 x soup/cereal bowls and 4 x mugs. Available singly or 6 per outer
081300

Melamine cleaner

Thermo Clean
The ultimate way to remove stains and odours.
30 per outer **081410**

Melamine soak
Supplied in a tub of 20 tablets. 12 per outer **081409**

40 Shot Dish & treat
Low foaming washing up liquid that also acts as a tank cleaner. Just wash the dishes and let the washing up liquid clean and protect your pipes and tank. 10 per outer **095575**

Tray with drainer
3 Assorted designs
Small 13.5" x 10"
Available singly or 24 per outer
081380
Large 17" x 13"
Available singly or 12 per outer
081381

Hands free glass holder
Holds wine glasses on the grass or beach, made in the UK from 100% recycled polycarbonate. 4 per pack.
24 per outer
080162

Hands free glass holder stand
080163

citronella candles

Citronella rustic pillar
75 hours burn time
086134 6 per outer

Tealights (30)
4.5 hours burn time
086143 10 per outer

XXL novelty citronella torches
8 hours burn time
24 per outer
086157

Citronella garden light
45 hours burn time
086133 6 per outer

Maxi tealights (12)
10 hours burn time
086145 6 per outer

Garden torches citronella
2 hours burn time. 2 per pack
24 packs per outer
086155

Drinkware

Polycarbonate wine goblet boxed
2 per display carton. Available singly or 12 per outer
Small **080119**
Large **080116**

Bella goblets
14oz goblet suitable for wine, beer or juice. 4 per display carton. Available singly or 12 per outer
080089

Soda glass
Assorted Colours
12 per outer
080148

Wine goblet grey
10oz wine goblet with grey base. 4 per display carton. Available singly or 12 per outer
080141

Bella goblet grey
14oz goblet with grey base. Supplied in display carton of 4 pieces. Available singly or 12 per outer
080146

Slim jim tumblers grey
With grey base. 4 per display carton. 10oz
12 per outer.
080143

Alfresco wine goblet
4 per display carton. 8 per outer
080139

Alfresco juice/wine goblet
4 per display carton. 8 per outer **080137**

Alfresco tumblers
4 per display carton. 8 per outer
Short **080138** as illustrated
Hi-ball **080136**

Acrylic wine goblets
Small 12 per outer   **080100**
Large 6 per outer   **080102**

Stackable goblet
2 per display carton. 24 per outer
080122

Stackable tumbler
2 per display carton. 24 per outer
Low   **080126**
High   **080128**

Acrylic tumblers clear
Available singly or 24 per outer
Tumbler **080090**
Available singly or 12 per outer
Tall tumbler **080092**

Beer mug
12 per outer
Clear **080098**
Dimpled **080099**

Nonic beer tumbler
Inexpensive 1pt tumbler.
24 per outer
080095

Pilsner glass
Ideal for large gatherings where glass is dangerous. 500ml. Available singly or 12 per outer
080096

Beer stein
6 per outer
080097

Outdoor lanterns

Lumostar plus lantern

New Easy Clic® Plus connection. Ingenious detachable globe system. Easy access to mantle. Durable. Operates from Campingaz CV Plus cartridges.
Power 80 Watt
Weight: 247g
Available singly or 10 per outer **109946**
Mantles(3) **070425**
Globe **109961**

Powerhouse 2 mantle lantern

Operates from unleaded petrol or Coleman® liquid fuel.
Run time: Up to 14h
Weight: 1.72 kg
109884
Mantles (3) **109960**

Northstar fuel lantern

Operates from unleaded petrol or Coleman® liquid fuel. Electronic ignition.
Run time: Up to 14h.
Weight: 1.8 kg
109886
Mantles (3) **109959**

WOW Other torches and lanterns can be found in section C
Gas canisters can be found in section G

Campingaz mantles

Small mantle (3)
Fits Bleuet CV 270L, Bivouac, Camping 206L, Lumostar C, M and plus, and Stellia R
070425

Medium mantle (3)
Fits L470, Rhapsody 470, Soleio R, Sun Force, Symphony, Super Symphony and Frontier CPS
109956

Large mantle (3)
Fits Belvedere, GP 470, Lumogaz 270, N206, T206, R, RPZ, 470, RS180 and 900RL
109957

Instaclip (3)
Fits Single, Double and Powerhouse unleaded lanterns **109960**

Instaclip tube (3)
Fits Northstar unleaded lanterns
109959

Fuel burning stoves

Sportster Stove

The stove is efficient and robust, and as it runs from either Coleman® fuel or unleaded petrol, you will never be hungry wherever you are.
- Operates off unleaded petrol or Coleman® liquid fuel
- Power: 2500 W
- Run time: Up to 8 h 30 min
- Size: 15 x 12cm
- Weight: 1185g
109880
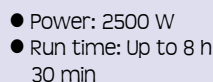
Generator for Sportster Stove
109881

Coleman camp fuel
Coleman fuel is a liquid petroleum fuel (100% light hydrotreated distillate). It has an octane rating of 50 to 55 and a flammability similar to petrol. 1 litre
10 per outer **109974**

Unleaded 2 burner Stove

- Operates off unleaded petrol or Coleman liquid fuel
- Power 4225 watt
- Run time up to 2h
- Boil time 4 min
- Size 46 x 29 x 12cm
- Weight 5.3kg
109882

WOW More gas stoves and BBQs can be found later in secton L

Camp Bistro
- Power: 2200 watt
- Size: 35cm x 28cm
- Automatic piezo ignition
- Cartridge safety locking system
- Enamelled pan support
- Aluminium burner
- Convenient plastic carry case
- Operates off CP250 cartridge
109941

Portable Gas Stove
- Lightweight design and easy to carry
- Comes with storage and carrying case
- Suitable for picnics, camping, garden etc
- Requires butane gas cartridge
109943

Campingaz CP250
Contains 250g Isobutane. For use with Bistro® type stoves
12 per outer
109965

Stove cartridges (4)
For use with portable gas stoves
6 per outer
109945

WOW Rechargeable, battery and mains powered torches and lanterns can be found in section C
More gas stoves and BBQs can be found later in secton L
Other gas canisters can be found in section G

Outdoor dining

CADAC

All tops are modular and interchangeable the burner pan has improved wind protection. There is a common deflector plate for the grill and barbecue, the skottel and grill have increased in size and are simpler to use. All Carri chef barbecues are complete with a carry bag. All backed with a 2 year no quibble guarantee.

086077

086081

086086

086084

Grill "O" gas Braai

Robust design with a cast iron reversible 38cm top. Ribbed on one side smooth on the other. The cast iron ensures consistent, even heat distribution and retention. It comes with a stainless steel burner and a rust-proof, porcelain enamelled pan support. The unit operates from a hose and regulator (not included) connected to high pressure Camping Gaz or low pressure gas cylinders. Comes with carry bag. Supplied singly or 6 per outer **086077**

086052

Safari chef

With 5 interchangeable cooking surfaces, a foldaway camping stove, mini BBQ, non-stick ribbed grill, non-stick flat grill and wok. BBQ lid doubles-up as a saucepan. Supplied in a carry bag, weighs less than 4kgs. Low pressure operated from LPG cylinder via regulator for better economy (hose and regulator not included) **086052**

Safari chef roast pan

086056

Carri chef BBQ/grill combo

Comprising detachable legs, burner unit, double sided grill plate/barbecue top and carry bag. For connection to larger type refillable gas cylinders (hose and regulator not included). Dome top, skotel-wok, pot stand and other accessories can be added as optional extras (see below) **086081**

BBQ dome
086092

Reversible grill plate
086102

Pot stand
086099

Chef skottel - wok
086093

Paella pan
086090

Chef roast pan

The non-stick interior makes it ideal for preparing roast chicken, vegetables etc **086087**

Carri chef 'Grove' special

All-in-one outdoor cooking convenience, the carri chef Grove special includes 3 interchangeable cooking surfaces and a dome top, allowing for a variety of cooking options at an economical price. Using the convenient carry bags the unit is light enough to be taken anywhere and the legs are detachable. It has a condiment tray and a useful pot stand for boiling water. The unit operates from a hose and regulator (not included) connected to high pressure Camping Gaz or low pressure gas cylinders. Doesn't include skottel-wok **086086**

Non stick skottel folie

The liner works without the use of cooking fats and oils. Easy to clean by simply rinsing with hot water or placing in a dishwasher **086088**

Skottel food warmer

Vitreous enamelled food separators. **086095**

Barbecue cover
086098

Carri chef deluxe

All-in-one outdoor cooking convenience, the carri chef deluxe includes 4 interchangeable cooking surfaces, the BBQ, skottel-wok, non stick reversible grill and a dome top, allowing for a variety of cooking options. Using the convenient carry bag the unit is light enough to be taken anywhere as the legs are detachable. It has a condiment tray, useful pot stand for boiling water and includes a FREE full colour recipe book to "Take your Taste buds on an Adventure". The unit operates from a hose and regulator (not included) connected to high pressure Camping Gaz or low pressure gas cylinders **086084**

Cadac valve tail piece
086075

Cadac regulator assembly

Enables low pressure appliances to operate off gas cartridges. Includes a hose and tailpiece, tailpiece fits ¼" BSP left hand. Available singly or 10 per outer **086120**

Tableware & outdoor dining

Outdoor dining

The Outdoorchef City gas kettle barbecue has a flip funnel inside the kettle that eliminates flare-ups and unpleasant smoke emission. It unites incredible barbecuing versatility and precision with healthy and delicious results. Positioning the funnel allows you to grill, roast, bake, or stir-fry.

Cast iron griddle
086009

Gourmet set
Consists of a deep enamelled 18cm diameter pan and a pizza type grid
086011

Grilling - Cooking – Baking
For indirect barbecuing and baking, the upper funnel is placed inside the kettle with the large opening pointing upwards. The heat from the gas burner rises up along the sides of the kettle, distributing an even, indirect heat on all sides. With the lid on, there is no need to turn the food at all throughout the cooking process.

Cooking – Roasting
For grilling at very high temperatures or with the cast-iron griddle, the upper funnel is placed in the kettle the other way round . This creates high, concentrated heat in the middle of the cooking grid or the cast-iron griddle. The kettle lid is not absolutely necessary for this method of cooking.

City Gas bag
086010

WOW All Outdoorchef BBQs have an overall diameter of 42cm with a cooking diameter of 39.5cm.

City gas BBQ
The world's most compact Gas Kettle BBQ. Piezo ignition. Lid thermometer for perfect cooking temperatures.
4.3kW output. 315g/h consumption
With tripod legs H70cm **086001**
With cradle H41cm **086002**
Optional tripod legs **086003**

City charcoal 420 BBQ
A charcoal version of the City Gas Grill. Approximate cooking height 70cm **086007**

BBQ Cleaning

Cadac BBQ cleaner
Removes grease and food particles after baking, frying and grilling. Caution only use on black enameled parts and BBQ. Not suitable for aluminium, laquered or non stick coated items. 400ml aerosol. 12 per outer **086072**

Elsan BBQ Cleaner
This anti-bacterial cleaner not only removes burnt on deposits and cooking grease but is also anti-bacterial to sanitise food preparation areas before and after cooking. 750ml 18 per outer **086125**

Outdoorchef BBQ cleaner
Dissolves burnt on food. Quick reaction time. Swiss quality product. 500ml. 12 per outer **086014**

City electro BBQ
A mains electric version of the City Gas. Approximate cooking height 70cm. Complete control over power (heat) settings. 7 settings up to 2kW
086005

Aluminium protection foils (3)
Protects the heat reflector. For use with City Electro only. 6 per outer **086012**

BBQ Fuel

Cocochef briquettes

2kg box made from coconut husks. Renewable, gives even heat distribution and lights quickly.
086008

Portable Stoves CAMPINGAZ

Campingaz fold 'n' go

Folding 2 burner stove.
● Independently adjustable 2 burners
● Compact with handles
● Large cooking area
● Aluminized steel cook top
● Power: 1375 W per burner
● Weight: 3.65 kg
● Operates from CV470 plus cylinders
109901

Cylinder 3 in 1 grill

● Large cooking surface 645cm^2
● Removable cooktop/grease pan
● Compact and nesting unit
● Piezo ignition
● 1.5kW oval burner
● Porcelain coated lid
● Secure, locking catch
● Cooking surfaces lock down for storage
● Operates from CV plus, Campingaz® and other butane cylinders
● Weight: 5.6kg
109918

Camp Stove Oven

● Interstart piezo igniton
● Large oven (can fit a 30cm pizza)
  370 x 340 x 140mm
● Oven: 900W/250ºC
  Stove: 2 x 1800W (fully adjustable)
● Operates from Campingaz® and other Butane cylinders
● Run Time: Oven 42 h (R907)
  Stove 10 ½ h (R907)
  Oven & stove 8h 20min (R907)
● Boil time: 7min
● Overall dimesions: 690 x 470 x 380mm
● Weight: 18.5kg
109920

Base camp with lid

2 burner with lid.
● Operates from Campingaz® and other butane cylinders
● Convenient lid for easy and clean storage
● Dimensions: 430 x 240 x 80 mm
● Weight: 1.9 kg
109911

Camping chef

2 burner stove and grill, packs into a briefcase for easy storage.
● Push and turn child safety knobs
● Power: Stove = 2x 2.3kW; Grill = 1.1kW
● Operates from Campingaz® and other butane cylinders
● Dimensions: L52.5 x W31 x H22cm
● Weight: 5.8kg
109909

Camping chef vario grill

2 burner stove and grill, packs into a briefcase for easy storage. With piezo ignition.
● Dimensions: L56.5 x W32.5 x H11 cm
● Operates from Campingaz® and other Butane cylinders
● Weight: 4.5 kg
109903

Optional vario leg set

Raise your Camping Chef Vario to the perfect cooking height with the telescopic leg set. Clips into the base unit of the stove.
109904

Twister plus stove

New twister with new design and Easy Clic® plus connection.
● Power: 2.9kW
● Weight: manual 263g - Piezo 274g
Manual available singly or 10 per outer **109938**
Piezo (PZ)   **109939**

Super carena

Designed to take large heavy pans, it has an integrated windshield and carrying handle.
● Power: 3kW
● Weight: 600g
109937

Party grill stove and pouch

Piezo grill, griddle or stove, with detachable legs and a lockable lid.
● Non stick cooking area
● Includes carry bag
● Bowl to collect fat
● Power: 1.35kW
● Operates from CV plus cylinders
● Weight: 2.3kg
109915

Bistro 300

One burner stove and case with piezo ignition
● Operates from Campingaz® CV300 plus cylinders
● Power: 2.6kW
● Dimensions: 33 x 22 x 12 cm
● Weight: 1.5 kg
109942

2 Burner carry bag

Carry bag to store and carry Campingaz® and other 2 burner stoves.
● Dimensions: L57 x W35 x H14cm
109912

Microwave ware

WOW Polycarbonate is a superb material for microwave cookware. Tough, non stick, odour resistant and non staining. Completely transparent to cook faster and more evenly. Dishwasher safe.

Microwave saucepan and lid
Capacity 0.6L. Available singly or 10 per outer **093039**

Microwave set
Set includes 1 litre saucepan with a whisk and a mini pot with sealable lid for storage. Available singly or 12 per outer **093041**

Microwave omelette pan
The hinged design makes folding omelettes easy. Available singly or 10 per outer **093043**

Microwave egg poacher
The first microwave egg poacher designed to cook eggs in water to give traditional taste and texture. Available singly or 10 per outer **093045**

Microwave rice and veg steamer
The perfect design for cooking rice and steaming vegetables that retain flavour, vitamins and texture. Available singly or 6 per outer **093048**

Microwave mini pots (2)
Each mini pot has side handles which stay cool in the microwave for easy handling. The lid is vented for safety and gives better results than simply resting a storage lid on top. Cook two foods at the same time using Minipots. Available singly or 10 per outer **093054**

Microwave multi-purpose tray
Designed to raise food so that it cooks more evenly and allows any fat or liquid to drain away. Has an extremely low thermal conductivity. It also stays much cooler than glass and ceramics. Available singly or 10 per outer **093050**

Microwave plate cover
Designed to keep your microwave oven clean when re-heating or cooking. Available singly or 10 per outer **093052**

Cutlery

Cutlery set Newport
16 piece set. Available singly or 10 per outer **095132**

Cutlery set Coconut
16 piece set. Available singly or 6 per outer **095133**

Cutlery set Huckleberry
16 piece set. Available singly or 6 per outer **095134**

Palermo
16 piece cutlery set 6 per outer **095130**

Venice
16 piece cutlery set 24 per outer **095131**

Translucent Green 16 piece cutlery set
Available singly or 8 per outer **095128**

Cutlery set Lino
24 piece set and stand Available singly or 12 per outer
Black **095137**
Cream **095140**

Cutlery set Loop
24 piece set and stand Available singly or 12 per outer **095141**

Linear cutlery packs
12 per outer
Teaspoon (6) 095152

Fork (4) 095154

Knife (4) 095153

Dessert spoon (4) 095155

4 Piece cutlery set
Assorted colours 24 per outer **095148**

Folding cutlery set
3 piece camping set. Packed in display outers of 7 **095150**

Multipurpose bottle opener
Packed in display outers of 16 **105543**

Grill pans

094020

094019

Grill pans
Complete with trivet and detachable handle.

27 x 27 x 5cm	**094020**
Spare trivet 24 x 21cm	**094021**
27 x 22 x 3cm	**094019**
Spare trivet 21 x 18cm	**094022**
Handle only	**094026**

Stainless steel grill pan
Supplied with trivet.
Dimensions: 28cm x 23cm.
Available singly or 12 per outer **094016**

Folding handle grill pan
Vitreous enamel grill pan, durable non stick wire rack. Handle folds easy for storage. Dimensions 32cm x 20cm. Available singly or 10 per outer **094017**

Spatter screens
Diameter: 29cm
Non stick coated mesh
Available singly or 12 per outer
095009
Mesh
Available singly or 10 per outer
095005

Non stick grill pan
29cm². Available singly or 8 per outer **094051**

Cast aluminium griddle
Non stick interior and exterior, folding handle, deep ridged base. 20cm square 5mm gauge. Available singly or 12 per outer **094050**

Egg pan 14cm
Non stick egg pan.
Available singly or 6 per outer
Cream **093020**
Purple **093021**

Pots, pans and cooking accessories

Stainless steel pan set
Good quality 3 piece set with one each 16, 18 and 20cm pans with lids in a full colour display box **093017**

3 tier steamer
20cm. Stainless steel with glass lid. Available singly or 6 per outer **093037**

Salad spinner 24.5cm
Available singly or 6 per outer **095448**

Milk pan and frying pan
Non stick aluminium 2mm gauge PTFE silver exterior. Available singly or 12 per outer
Milk pan 14cm **093032**
Frying pan 20cm **093033**

Quickachips mesh 33 x 33cm

- Quickachips basket allows hot air to circulate to give your oven chips, garlic bread and pastries that perfect all-round crispness!
- Allows more even contact with the heat of the oven and therefore avoids soggy foods.
- Great for BBQ's and gives you control over your cooking

095013

Roaster bags

- Self basting oven bag
- 2 bags extra large size – 45cm x 55cm approx with tie closures
- Suitable for microwaving, re-heating, boiling, freezing and storing meat and vegetables
- Helps meat to brown without having to baste
- Prevents fats from splashing helping to keep oven clean

095012

Toaster bags

- No fuss – No mess!!
- Use each bag up to 50 times simply wash and re-use
- A tasty hassle free snack in just a few minutes
- 2 bags per pack

095010

Kitchen gadgets

Colander collapsible 20cm
Silicone. Available singly or 12 per outer
Black   095200
Purple   095201

Colander collapsible 22.5cm
Silicone. Available singly or 12 per outer
Black   095208
Purple   095209

Colander collapsible 20cm with handle
Silicone. Available singly or 12 per outer
Black   095204
Purple   095205

Silicone spatula
12 per outer
Black   095212
Purple   095213

Silicone turner
12 per outer
Black   095214
Purple   095215

Silicone spoon
12 per outer
Black   095218
Purple   095219

Silicone spoon rest
Available singly or 24 per outer
Black   095228
Purple   095229

Silicone trivet 17cm²
12 per outer
Black   095230
Purple   095231

Silicone tongs
12 per outer
Black   095220
Purple   095221

Kitchen tool set & stand 5pc
Available singly or 6 per outer
095305

Kitchen tool set 5pc
Available singly or 12 per outer
095307

Cushion Grip Scissors
3 piece
12 per outer   095424

All purpose scissors
8". Available singly or 12 per outer
095459

Kitchen tongs
12 per outer   095452

Butterfly can opener
Available singly or 12 per outer   095425

Corkscrew
Chrome plated
Available singly or 12 per outer   095396

Cutty vegetable knife
24 per display   095423

Quick peeler
48 per display   095403

Sidewinder can opener
18 per display   095421

Kitchen gadgets

2 in 1 salt 'n' pepper mill
Twist one way for salt the other for pepper. 12 per outer
White **095428**
Black **095429**

Sauce bottles
Set of 2. 12 per outer **095453**

Rotary grater
12 per outer **095451**

Tea towel holders
Set of 2 – colours may vary
12 per outer **095458**

Tea towel holder 4 hole
12 per outer **095455**

Sink strainer
Stainless steel. 12 per outer
095454

Sink mats
Can be trimmed to size for a perfect fit
White 26 x 31cm **095535**
White 32cm round **095536**
Available singly or 6 per outer

Tablecloth clip (4)
Available singly or 12 per outer
095640

Gripstrip hang it all
12 per outer **095603**

Curtain/tablecloth clip
4 per pack. Available singly or 10 per outer **095632**

Adjustable kitchen roll holder
Fits the majority of sizes available. 6 per outer **095461**

Mug holder
Free standing. 6 per outer
Cream **095500**
Purple **095501**

Bottle stoppers
12 per outer **095300**

Pop Up food cover
Weight 120g Dimensions 30 x 20cm
10 per outer **095462**

Daisy food cover
12 per outer
30cm square Weight 100g
095463
48cm square Weight 200g
095464

Chef Aid food cover
095457

Kitchen towel holder
12 per outer **095460**

Fiamma omni stop
An innovative yet simple accessory, ideal to keep plates and items in place as you travel. Securing bar made from anodized aluminium
095697

Double refrigerator bar
Helps prevent movement of contents while travelling. 40cm closed. Extending up to 75cm. 8.5cm high **089065**

Double cupboard bar
Stop items falling if doors open in transit. 25cm closed. Extending up to 45cm. 8.5cm high **095689**

Kitchen towel holder
Free standing. 6 per outer
Cream **095505**
Purple **095506**

Drying rack, bowls, drainers and canisters

Studio caddy
Cutlery drainer and holder

Studio drainer
Slim and compact, holds cups, plates and cutlery

Washing up bowls
Round 26cm
Square 29cm

Cutlery tray
Dimensions: 357 x 242 x 45mm

Canister set
Tea, coffee and sugar canister set

Sink mat
Can be cut to size 33cm x 26cm

Tip Top bin
10 litre capacity

B-Line kitchen accessories		Beige	Blue	Silver	Black	Plum
All available singly or in outer quantities for a more competitive price.						
Studio caddy	10 per outer	095745	095747	095750	095746	095749
Studio drainer	12 per outer	095490	095492	095495	095491	095496
Cutlery tray	12 per outer	095775	095776	095779	095778	095780
Washing up bowl square	12 per outer	095540	095542	095544	095541	095545
Washing up bowl round	12 per outer	095556	095558	095561	095557	095562
Sink mat	12 per outer	095530	095532	095534	095533	N/A
Canister set	9 per outer	095645	095647	095646	095649	095650
Tip Top bin	5 per outer	095980	095982	095984	095983	095985

Drying racks and drainers

Mini dish drainer
Nylon coated wire measuring 30cm x 20cm
White   **095520**
Chrome **095510**
Available singly or 10 per outer
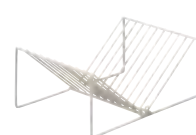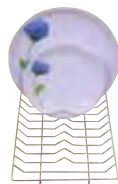
Wire plate wrack
Can be secured for safe transportation of plates. Measures 27cm wide x 20cm deep x 12cm high.
White   **095521**
Chrome **095511**
Available singly or 10 per outer
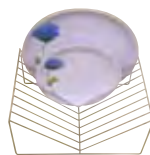
Wire mug holder
Can be secured for safe transportation of mugs or cups.Measuring 9cm square x 19cm high
White   **095527**
Chrome **095517**
Available singly or 10 per outer

**40 Shot
Dish & treat**
Low foaming washing up liquid that also acts as a tank cleaner. Just wash the dishes and let the washing up liquid clean and protect your pipes and tank for up to 7 days.
10 per outer **095575**

Folding plate rack
Open dimensions (LxWxH): 37x27x27cm
Chrome **095512**
Available singly or 20 per outer

Dish drainer rack
● Very practical and functional
● Folds out. Can be used in two sizes according to need
● Complete with cutlery slots
● Space saving when folded
● Folded (LxWxH): 36x28x7cm
● Open (LxWxH): 36x49x7cm
6 per outer **095488**

Over sink drainer & chopping board
Versatile food preparation space saver.
Basket 34x24cm.
Extends from 38-56cm when fully open.
Available singly or 4 per outer
095529

Cutlery caddy cream
Available singly or 12 per outer
095740

Laundry and ironing

Drying rack

Hooks over the edge of the caravan window providing 6 metres of drying space. Folds flat when not in use. Manufactured from medium gauge steel wire, nylon coated 4.5mm thick. Folded dimensions (WxD): 58 x 48cm
Available singly or 10 per outer **095477**

Mini drying frame

Ideal for small washes, suitable for all radiators, baths, balconies. Dimensions 23" x 5.5". 10 per outer **095479**

Adjustable drying frame

Multipurpose frame for drying clothes. Designed for small wash loads. Closed dimensions (WxDxH): 50 x 24 x 5 cm. 4 per outer **095478**

Fiamma Easy Dry

Additional drying rack suitable for use on the folding rail of the Fiamma Carry-Bikes and other brands with a tube diameter of 35mm. You can also travel with the Easy Dry in situ. Complete with plasticized ropes and adjustable handles. Manufactured from anodized aluminium. Weight 1.2kg **095480**

Rotary 3 arm dryer and tripod

Convenient clothes dryer, taking up little space when folded. **095465**
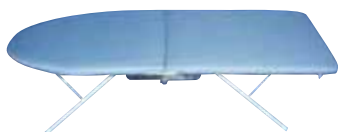
Folding ironing board

Folding legs, quality fabric cover, pressed wood top, chrome-wire iron rest. Folds in half for compact storage in re-usable storage bag. Surface area 81 x 30cm **095095**

230v Travel steam iron

230V. 750W. Available singly or 6 per outer **095097**

Laundry bag

Available singly or 10 per outer **095486**

Magic hanger

- Increases your wardrobe capacity by 100%
- Provides optimal use of all space
- Holds up to 5 hangers
095610 10 per outer

Multihanger non-slip

- Multiple hanger with revolving hook
- Non-slip revolving bars with clips
095612 12 per outer

Jumbo clothes pegs

36 per pack Assorted colours. 24 per outer **095487**

Twist washing line

Removes the need for clothes pegs. Available singly or 10 per outer **095483**

Adult coat hangers

8 per pack. Budget priced. 24 per outer **095620**

Twister washing machine

Self powered washing machine. 4L capacity. Perfect for camping, caravanning, power cuts or simply to use at home when you just need to soak, pre-wash, rinse or spin a small load.
- Use anywhere
- Waste less water
- No energy costs
- Pedal powered
- Portable
Available singly or 12 per outer
095099

Sock dryer

With 13 pegs, useful for drying any small item. Available singly or 24 per outer **095485**

Children's coat hangers

10 per pack. Budget priced 24 per outer **095621**

Crockery and bottle holders

Stepped cup and plate rack
535mm x 90mm. Beige **095695** Ivory **095701**

Free standing cup and plate rack
525mm x 180mm x 90mm. Beige **095682** Ivory **095684**

Cutlery trays
Three slot tray 370mm x 190mm x 50mm
Beige **095752** Ivory **095759**

Glass and bottle holders
Manufactured from coated sprung steel
Available singly or 10 per outer
Three glass **095850**   Six glass   **095858**
Single bottle **095862**   Two bottle **095872**
Three bottle **095880**

Waste bins

Garbina waste unit
Easily fixed to any vertical surface with bags held in place by a rubber strap **095920**
Spare bags (25) **095935**

Snapsac bin
Lightweight holder for disposable waste bags. Snaps closed to seal in odours **095899**
Spare bags (25) **095913**

Bag bin
Wall fixing unit from which you suspend carrier bags
12 per outer **095995**

B-Line tip top bin
10 litre capacity
Beige   **095980**
Blue   **095982**
Silver   **095984**
Black   **095983**
Plum   **095985**
Available singly or 5 per outer of one colour

Cupboard door bin
4 per outer **095939**

Pedal bin
Metal coated white.
3L round. 4 per outer
095970

Assorted kitchen items

Best of British

Tea towels
Set of 3
24 per outer **095250**

Single oven glove
Available singly or 24 per outer
095251

Apron
Available singly or 24 per outer **095252**

Recycle bags set 3
Each bag: 315 x 315 x 435mm.
Available singly or 20 per outer
095999

Dust pan and brush long handle
Available singly or 48 per outer
096087

Dust pan and brush
Grey. Available singly or 12 per outer **096080**
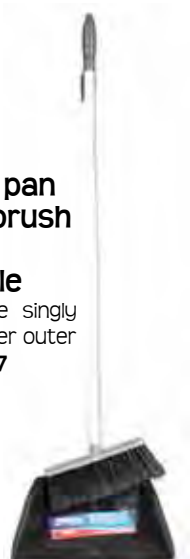
Kettles and teapots

Whistling kettle
Stainless steel. Suitable for use on gas, electric, halogen or ceramic hobs. 2.2 litre. Available singly or 12 per outer
095025

Whistling kettle
Stainless steel. Available singly or 12 per outer
1L   **095028**
1.35L   **095029**

Polished kettle
2 litre with hinged whistle, individually boxed. Available singly or 12 per outer **095019**

Whistling kettle
2 litre capacity
Green   **095038**
Blue   **095041**
Red   **095042**
6 per outer of one colour

Whistling kettle
2.5L capacity. Available singly or 6 per outer
Cream   **095046**
Purple **095047**

De-luxe lacquer kettle
2 litre kettle with fixed whistle
Blue   **095033**   Green   **095036**
Wine   **095034**   Flame   **095037**
Brown **095035**
Available singly or 6 per outer of one colour

De-luxe lacquer kettle
1.5 litre with separate whistle
Blue   **095020**   Green   **095022**
Wine   **095021**   Black   **095023**
Available singly or 6 per outer of one colour

Camping kettle
1 litre capacity with fixed whistle
Blue   **095016**
Polished   **095015**
Red   **095017**
Green   **095018**
Available singly or 12 per outer of one colour

De-luxe lacquer kettle
1.5 litre with separate whistle. Handle folds for easy storage
Wine   **095030**
Blue   **095031**
Available singly or 6 per outer of one colour

Teapot steel 32oz
Available singly or 10 per outer
094067

Teapot 900ml
Stainless steel. Available singly or 12 per outer
094069

Gas Lighters

Piezo lighter
24 per display **070486**

Cooker lighter pencil
Assorted colours. Packed in display outers of 12 **070490**

Cooker lighter silver
Packed in display outers of 12
070494

Cooker lighter bendable
Assorted colours. Packed in display outers of 24 **070496**

Refillable gas lighters
Also used for lighting pilot lights, gas stoves, fires. Each pack contains one short and one long reach lighter with adjustable flame.
12 per outer **070497**

Gas safety lighter
Long reach flame lighter
12 per outer **070498**

Refill for gas lighters 250ml
12 per outer **070480**

230v kettles

Kingavon travel kettle
- 0.5Ltr capacity
- ON/OFF indicator light
- 230v
- Automatic switch off
095063

Kingavon cordless travel kettle
- Boil-dry protection
- ON/OFF Indicator Light
- 1Ltr capacity
- 900 watt, 230volt
- Automatic Switch Off
095064

Cafe-tea-er maker
- 230v
- 350w
- Complete with washable filter
- Includes 2 ceramic mugs
095080

Waeco one cup
12V coffee maker. 150ml capacity WxHxD 135 x190 x 110mm
095087

12/24v kettles

Car/truck jug kettle
Compact design with water level gauge. Fitted with cigar lighter plug. 6 per outer
12v **095086** 24v **095091**

Waeco car kettle
12V Kettle. 750ml capacity. WxHxD 190 x 205 x 125mm
095083

Coffee maker
- 12v
- Complete with washable filter
- Includes 2 ceramic mugs
095090

Beverage heater
- Ideal for camping, picnics & emergency use
- 12v plugs directly into cigar lighter socket
- For use with glass or ceramic containers
095089

Other 12v appliances

12v Hairdryer
- Plugs directly into cigar lighter socket
- Useful for defrosting windscreens
- Folding handle and hang loop for easy storage
- 8' power cord
- 14 amps
- Rotating air vent outlet for better air flow
095100

Storage

Folding storage box
32 litre capacity. Measures 475 x 345 x 240mm (43mm when closed). Assorted colours.
Available singly or 10 per outer
095892

Stack 'n' store box
Capacity 30 litres. 450 x 355 x 250mm.
6 per outer **095895**

W4 elasticated storage pocket
Can be attached to the inside of cupboard doors. Ideal to store magazines, maps, toiletries etc. Dimensions 30cm x 17cm
095882

Folding boot cart
- Folds flat when not in use
- Lightweight, durable, rustproof with smooth rolling rubber wheels
- Extendable aluminium handle
- Dimensions: 380 x 330 x 360mm
- Capacity 25Kg
6 per outer **095888**

Moisture absorbers

WOW Recharge in the oven

Dry-Bag

An effective and economical product that is both simple and safe to use, eliminating condensation and damp problems. Protects interior fittings, fabrics, clothes, leather, electrical equipment from corrosion, rot, mould, mildew and odours. The Dry-Bag is manufactured using a cloth bag with lanyard and vertical window for hanging and monitoring, the colour will change from light brown to dark brown as it absorbs moisture. Each 1Kg bag can dehumidify an area of approximately 6-10 cubic metres

- Re-usable, simply dry out contents as per instructions
- Can be stored for up to 2 years
- 100% environmentally friendly
- Absorbs up to 75% of its dry weight
- Will not drip even when saturated
- Activated by removing from plastic bag

Dry-Bag 2 x 250g **110025** 24 per outer
Dry-Bag 2 x 500g **110050** 12 per outer
Dry-Bag 1 x 1000g **110100** 15 per outer

PINGI

WOW Recharge in the microwave

Pingi drying bags

The Pingi moisture bags are easy to recharge in the microwave oven. When the patented indicator changes from blue to pink, full saturation has been reached and Pingi is ready to be recharged. Good for the environment and for your wallet. Within a few minutes, Pingi is ready for use again.

| 250g | 100cc | **110115** Available singly or 12 per outer |
| 450g | 180cc | **110117** Available singly or 12 per outer |

Pingi iDry

These incredibly durable and easy-to-use moisture absorbers remove damp without electricity or batteries. Time to recharge? It only takes a brief stay in the 230V power point.

| iDry L | 120cc | **110121** Available singly or 6 per outer |
| iDry XL | 200cc | **110124** Available singly or 6 per outer |

KILROCK
It's the one that works.

KILROCK SLIMLINE MOISTURE TRAP

Slimline moisture trap

Allows significantly more Air Flow than other traps in which the crystals sit very low and restricts air exposure

- Works immediately
- Suitable for all rooms
- No electricity or batteries required
- Easy fill top lid
- No spill sides
- Refill indicator

110170 12 per outer

Moisture crystal refill

- Ideal for kitchen, caravans, boats and many more places where you need to keep the atmosphere dry
- Should be sufficient to dehumidify a closed room measuring up to 40 cubic metres (8ft x 12ft x 12ft)
- Excess moisture can cause mildew, wet rot, musty odours and other problems

500g **110172** 12 per outer   1kg **110175** 8 per outer   2.5kg **110177** 4 per outer

Mini moisture trap

- Absorbs moisture
- Helps protects against damp
- Combats musty odour
- Improves air quality
- Last 6-8 weeks

110180 12 per outer

Gel safe moisture trap

Damp is the main cause of damage to materials in the home, this regulates excess humidity, keeping it at the optimum level. This helps prevent damp, mould, mildew, bacteria and musty odours, improving overall air quality and comfort. The gel residue cannot be spilled, this makes it ideal for multi-purpose use i.e.: wardrobes, cupboards, caravans and boats.

- Absorbs 400ml moisture and turns it to gel
- Controls excess humidity for 6-8 weeks
- Protects against damp
- Improves air quality
- Quick and easy to use
- Non spill and non leak

110185 16 per outer

WOW Turns moisture into a gel, stored in a paper bag. By placing the bag in the bin, it makes disposal safe and easy.

Gel safe refill

Extremely easy to replace
110187 12 per outer

FENWICK'S
ADVANCED CARAVAN CARE

Cleaning and proofing products

WOW The whole Fenwick's range has been designed with the needs of the caravan, motor home and car owner in mind. Many products have been created from specific requests by satisfied customers.

Fenwicks display stands
Please ask your sales contact for details
098062S
098062L

Caravan cleaner
Safe and economical to use one bottle will clean up to 40 average size caravans. It will safely remove black streaks, algae, moss, fungus, road and traffic film. Safe to use on acrylic windows, aluminium, rubber, decals, mastics, sealants etc.
1 litre **098056** 10 per outer
25 litre **098061**

Motor home cleaner
Improved formula for use on motor homes. Contains corrosion inhibitors to protect steelwork. Power washers are often used so cleaning activity has been increased
1 litre **098057** 10 per outer

Bobby dazzler
A unique finishing product for caravans, motor homes, cars, vans and lorries. Provides a protective coating and enhances shine. Simply applied in the rinse water it protects against road traffic film, salt spray, acid rain, rust and air borne pollutants and it contains an algae and mould inhibitor to slow their return.
1 litre **098058** 10 per outer

Waste pipe & tank cleaner
Cleans shower and sink drains, toilet cassettes, and eliminates unpleasant odours. Formerly known as Fendox concentrate. Dilute to a 10:1 solution to clean work surfaces, cookers, fridges, sinks, wash basins, showers and toilets. Fully biodegradeable and food safe, kills e-coli, salmonella and other germs. Also removes nicotine, egg, limescale, formaldehyde, and other hard to remove stains
1 litre **097063** 15 per outer

Overwintering
Superb product to make spring cleaning easy. Simply coat the caravan or motor home with a dilution of over wintering to protect the surface from tree sap, bird droppings and general grime which accumulates over the winter months. Simply rinse with Fenwicks caravan or motorhome cleaner in the spring. Supplied in 1 litre bottles – enough to cover the average caravan twice
1 litre **098054** 10 per outer

Windowize
An effective product to remove scratches from acrylic and plastic windows. When applied by hand it will remove scuff marks caused by trees as well as light scratches caused by dirt and grit.
100ml **098052** 10 per outer

Awning & Gazebo reproofer
Quickly restores waterproofing qualities to synthetic and canvas awnings, tents and gazebos. Protects against stains from dirt, grease, oil, food spills, and drinks. Deep penetrating, water based, non flammable formula. Can be applied in damp conditions. 1L covers up to 30m^2. Far safer than solvent based products, due to the biodegradeable and environmentally friendly properties.
1 litre **108405** 10per outer

Awning & gazebo cleaner
Quickly and effectively cleans awnings, tents and gazebos. Removes black streaks, green algae and general grime. Spray on, wash off formula.
1 litre **108401** 10 per outer

Citrus fresh toilet cleaner
"Fresh coat" helps prevent marks and stains. Helps maintain seals, improves flush action and sanitises
1 litre **060265** 15 per outer

Black streak remover
A 10 to 1 solution of caravan cleaner in a handy trigger spray for removing black streaks between washes.
1 litre **098055** 10per outer

Multi-surface cleaner
Ideal for cleaning and sanitising plastic and hard surfaces.
1 litre **098051** 10 per outer

Fenwicks top & tail
A unique toilet fluid designed for use in both top and bottom tanks which makes it easier to use and more economical.
2.5 litre **060266** 8 per outer

Cleaning

drywash
Clean · Shine · Protect

The revolutionary **waterless** way to clean your car, caravan, motor home, boat, motorbike, or any other metal, glass, or painted surface, even around the house on windows, mirrors, stainless steel and so much more.

Onedrywash is so easy to use. Simply spray on, spread with a soft cloth, working on one area at a time for a few seconds or longer depending on the ambient temperature. Then effortlessly polish to a shine with a second clean cloth. In very little time at all your surface is clean, polished and protected.

Cleaning kit
Kit contains:
1 x 500ml 1drywash with trigger
2 x microfirbre cloths
Available singly or 10 per outer
098075

1 litre refill pack
Kit contains
2 x 500ml 1drywash with trigger
Available singly or 10 per outer
098077

100ml Trial pack
Not tried 1drywash yet? Why not give it a go with our brilliant trial pack which gives you everything you need, including a comprehensive illustrated usage and top tips card to help you get the most from your first experience of our product. The trial pack bottle holds 100ml of 1drywash, which is enough to clean, shine & protect an average sized family car or caravan.
Kit contains:
100ml 1drywash with trigger and a microfibre cloth
098073

Tyre shine
Simply spray around the tyres and black rubber and leave to dry. Comes with trigger.
250ml.
10 per outer **098081**

Display Stand
Free of charge
098087

Upholstery cleaner
Upholstery cleaner is an effective 21st century surface cleaner for carpets, fabric, leather and vinyl, made completely from an enzyme of plant origins. Enzymes are proteins which act as a catalysts for chemical reactions and emulsifiers which suspend grease in an emulsion which is a safe water soluble solution. This makes it harmless to the environment unlike other cleaners as it contains no acids, bleaches, solvents, corrosives or abrasives and it's odour free and totally biodegradable. All of this without losing effective cleaning power and does not harm your skin or damage your upholstery through mis use.
1. Adjust nozzle to produce a fine spray.
2. Spray lightly, working on small areas.
3. Spread with a soft cloth.500ml.
10 per outer
098082

Replacement trigger
098085

Valeting pack
Kit contains:
2 x 1 litre 1drywash
12 x micro fibre cloths
1 x pressurised dispenser
12 x latex gloves
098069

Valeting pack refill
10 x 1 litre 1drywash. Very economical for own use!
098068

Pampervan 1 litre
Pampervan is a 'dense gel' concentrate, 1 litre is sufficient to clean as many as 20 motorhomes and caravans. Cleans all types of caravan and motorhome bodywork and panels, winter build up, tar spots, tree sap, dead flies, and many more. The ideal solution for cleaning stained carpets and upholstery including leather. You will be amazed at the results.
098065   12 per outer

REPCLIF

7-shot

Save money and the environment - Buy concentrate. This simple idea provides 4.5L of cleaning solution. Supplied with 650ml of ready made solution and 120ml of concentrate that allows you to recharge the bottle a further 6 times. With the easy to use measuring device, you avoid over-dosing.

7-Shot interior multiclean

Anti-bacterial multi-surface formula, with added anti-static agent. Leaves interior surfaces, showers, sinks, fridges and acrylic windows sparkling, and prevents mould and mildew build-up in your bathroom too!
10 per outer **098042**

7-Shot Upholstery cleaner

Cleans curtains, carpets and sofas, with built-in water softening agent to maximise performance in hard water areas. A great spot remover for cleaning up those accidental spillages.
10 per outer **098043**

7-Shot Black streak remover

Anti-static, multi-purpose spot remover for stubborn stains, black streaks and winter algae. Leaves a waxed showroom finish.
10 per outer **098048**

Sticky stuff remover

The modern answer for removing paint, oil, grease, adhesive, tar, sticker residue etc.
250ml **098095** 6 per outer
50ml **098096** 12 per outer

Silky cream

A cleaner for all painted and synthetic surfaces. Non abrasive. 480ml
098063 12 per outer

40 Shot Dish & treat

Low foaming washing up liquid that also acts as a tank cleaner. Just wash the dishes and let the washing up liquid clean and protect your pipes and tank.
10 per outer **095575**

Elsan anti-bacterial screen wash plus

This has been specifically designed to attack Legionnaires disease in the windscreen washer system and help eradicate this risk. It is also effective against other water bourne bacteria to sanitise the system and avoid all unnecessary risks.
5 litre **097050** 4 per outer

Dometic Seitz window cleaner set

All you need for appropriate cleaning of acrylic glass surfaces.
Includes: Acrylic glass cleaner - Antistatic cleaning and care product. Ideal for pre-treatment of acrylic glass surfaces prior to polishing. Acrylic glass polish - Effectively removes blind spots and scratches. Contains no wax. Special polishing cloth - Extremely soft and hard-wearing. Elastic, fluff-free and washable up to 40ºC **098107**

Melamine soak

Supplied in a tub of 20 tablets.
12 per outer
081409

Cleaning apparatus

Kent telescopic brush
Flow through brush with long reach handle. Measures 105cm when closed extending to 170cm
12 per outer
097058

Display stand
097056

Telescopic brush
Flow through handle with heavy duty brush head. Measures 100cm when closed extending to 170cm
18 per outer
097057

Telescopic brush
Budget flow through brush with long reach handle. Measures 100cm when closed extending to 170cm
12 per outer
S00136

Extra long 3 section brush
Flow through handle with heavy duty brush head. Measures 130cm when closed extending to 330cm
097060

Heavy duty bucket
14.5 litre. Available singly or 12 per outer **097070**

Super jumbo car sponge
Available singly or 6 per outer **097005**

Rolson 4 piece cloth set
4 microfibre cloths. 12 per outer **097025**

Car wash glove
Microfibre mitt. Ideal for dusting, polishing and washing **097010**

Microfibre duster
- Microfibre attracts and lifts dirt whilst protecting surfaces
- Soft and scratch free
- Works best on dry surfaces
- Machine washable
097045 6 per outer

Chamois leather
Wholeskin approximately 5sq ft. Available singly or 6 per outer
097040

Laundered polish cloths
Weight 10kg
097053

Microfibre cloths
- Made from microfibre
- Cleans without chemicals
- Lint and streak free results
- Machine washable and dry
- Environmentally friendly
- Magnetic to dust
12 per pack
097046 20 per outer

Bug & tar remover sponge
Available singly or 12 per outer
097022

Demister pad
24 per outer
097030

3 in 1 ice scraper
20 per outer
097023

Ice scraper / snow brush
6 per outer
097024

Kent cleaning cloths
- Made from microfibre
- Cleans without chemicals
- Lint and streak free results
- Machine washable and dry
- Environmentally friendly

Kitchen cloth
097041 10 per outer

Glass cleaning cloth
097042 10 per outer

Multi purpose cleaning cloth
097043 10 per outer

Bathroom cleaning cloth
097044 10 per outer

Cleaning wipes

Glass wipes
Contains 50 large wipes which cut through grease and dirt on plastics, glass and other modern surfaces
098109 16 per outer

Bathroom wipes
Contains 50 large wipes which help combat the build up of limescale
098115 16 per outer

Toilet wipes
Contains 50 large wipes, helps combat salmonella, listeria and E coli; ideal for cleaning toilet lids and seats
098121 16 per outer

Auto interior wipes
Contains 50 large wipes which are ideal for cleaning all surface including glass, seats and dashboards
098135 16 per outer

Air fresheners

Plug-in-air fresher assorted
Orange blossom, Freesia & Jasmine and Fresh linen
098153 12 per outer

Scented candles assorted
Candles in 11 assorted fragrances.
Each candle has a burn time of up to 30 hours
098159 24 per outer

Hand care

W4 handies
One size disposable latex gloves, powdered for easy fitting. 6 pairs per pack **098150**
10 per outer

Latex gloves
10 pairs per pack
098149 50 per outer

sanitizer
Comes in three assorted fragrances, wild berry, lemon & lime and non-perfumed
098140 12 per outer

Vacuums and sweepers

Ring handyvac
12V wet&dry vacuum cleaner
- Complete with detachable nozzle, crevice tool and squeegee
- Ideal to pick up small wet and dry spills in the home, car, garage and caravan
- Cable length approximately 3.5 metres
- 12 volts / 90 watt
- 'e' marked
- CE approved
Available singly or 10 per outer
096090

Ring handyvac rechargeable
Mains rechargeable wet&dry vacuum cleaner
- Ideal to pick up small wet and dry spills in the home, car, garage and caravan
- Wall mounting charger base
- 4.8 volts/45 watt 230v
- CE approved
Available singly or 4 per outer
096091

Everyday cordless sweeper
Removable handle/visor for effective stair cleaning
- Easy empty dust tray
- Dynamic steering joint
- Low profile and long reach
- Run Time: up to 20 minutes (depending on floor surface)
- Power: 4.8V rechargeable batteries
- Weight: 1.3kg
096094

Deluxe cordless sweeper
From cleaning hard floors to removing stubborn pet hairs from carpets and upholstery, its multi-patented design features an edge cleaning wheel, responsive steering and long reach telescopic handle. Weight: 1.6kg
096095

Waeco Powervac PV-100
Wet/dry vacuum cleaner with rechargeable battery. Includes hose, attachments for upholstery, rugs and narrow gaps, carrying strap, mains adapter, 12-volt charging cable and operating instructions.
Holds charge for 18 minutes of uninterrupted operation. 2.15kg. HxWxD 270 x 320 x 198mm
096093

Mats and runners

Rimini runner
- Machine washable to 40°C
- Latex backing and anti slip
57cm x 180cm, assorted colours
096029 12 per outer

Rimini mat
- Machine washable to 40°C
- Anti slip latex backing
40cm x 57cm, assorted colours
096028 24 per outer

Door mat
- Ribbed pile
- Suitable for many locations
- Easy to keep clean with brush or vacuum
40cm x 60cm, assorted colours
096046 10 per outer
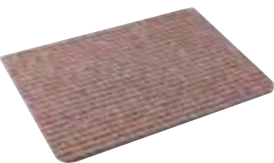
W4 mini mat extra
Ridged door mat with non-slip backing. 49 x 33cm
096044 10 per outer

Carpet mat stand
Please ask your representative for details **096049**

Marled barrier mat
- Mixed fibre barrier mat
- Washable at 40°C
- Flexible non-slip backing
- Extremely durable, absorbs dirt and moisture
- Suitable for outdoor use
60 x 90cm
096027 10 per outer

Furness mat
- Machine washable at 40°C
- 70% cotton and 30% synthetic fibre
- Flexible PVC backing
40cm x 60cm
096032 16 per outer
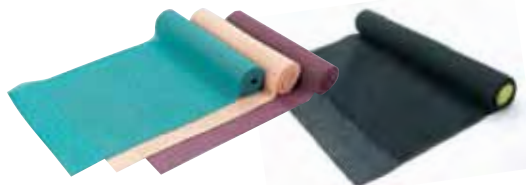
Camco 12' x 12"   Rolson 125cm x 45cm

Camco non slip matting
Suitable for many applications. Supplied in 12" wide rolls.
Available singly or 10 per outer
12' beige   **096015**
12' green   **096016**
12' burgundy   **096017**

Rolson non slip matting
Supplied in 45cm wide rolls. 30 per outer
125cm Black heavy duty **096020**

Carpet protector 30m roll
Plastic carpet protector 68cm wide 30 metres per roll
120124

Carpet protector pre-cut retail
- Suitable for use on carpets
- Supplied in carry home polybag
68cm x 175cm. Available singly or 17 per outer **120121**

Magi-Mat
- Machine washable at 40°C
- Surface 100% woven polypropylene
- Stain resistant
- Easily cleaned with damp sponge or cloth
- Juice, coffee and wine wipe easily away
- Soft and comfortable to the touch
60cm x 140cm   **096023** 8 per outer

Harmony barrier mat
- Pure, soft cotton pile
- Easy care, machine washable at 40°C
- Supplied in a pack of 4 mottled colours
- Ideal around the home, caravan or in pet beds
- 100% cotton pile
- Soft latex backing
- Retail packed with header and hanger
40cm x 60cm   **096024** 12 per outer
50cm x 80cm   **096035** 12 per outer

Ideal barrier mat
- Hardwearing polyproylene pile.
- Machine washable at 40°C
- Vinyl backing
40cm x 60cm, assorted colours
096025 16 per outer

Stick'n'Guard
Self adhesive protective carpet film – ideal for use in high traffic areas where carpets need temporarily protecting. Supplied in 10m x 60cm retail packs.
6 rolls per outer   **120125**
100 metres x 60cm **120126**

WOW Stick 'n' Guard is often used to protect sales vehicles when on display not just by workshops when working inside customers vehicles

Hooks, hangers and tape

WOW Hang, organise, decorate, fix until you want to take it down. Command™ Adhesive removes cleanly without damaging walls

Mini hooks
Holds 0.225kg
6 per pack
099049
6 packs per outer

Small hooks
Holds 0.45kg
2 per pack
099050
6 packs per outer

Medium hooks
Holds 1.36kg
2 per pack
099051
6 packs per outer

Large hook
Holds 2.25kg
Packed individually
099052
6 packs per outer

Jumbo hook
Holds 3.40kg
Packed individually
099053
6 packs per outer

Small oval hooks
3 per pack
White **099011**
Beige **099012**
10 per outer

Large oval hooks
2 per pack
White **099015**
Beige **099016**
10 per outer

Tea cloth holder
099034
10 per outer

Double sided tape
Length 6ft
099000
10 per outer

Small square hooks
4 per pack
White **099019**
Beige **099020**
10 per outer

Large square hooks
2 per pack
White **099023**
Beige **099024**
10 per outer

Cup hook white
4 per pack
099027
10 per outer
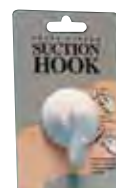
Suction hook
099030
10 per outer

Velcro® Velcro counter display unit **099439**

Velcro® in handy dispensers
10 metre length, 20mm wide
Stick 'N' Stick Ecru **099412**
Stick 'N' Stick White **099413**

Velcro® stick on coins
Self adhesive discs with many uses. 16 per pack
099423 12 per outer

Velcro® sticky foam pads
Double sided sticky foam pads for permanent fixing, quick & easy to use
099429 12 per outer

Hang tabs
Repairs euro hook slots when damaged. 500 tabs per box (10 x 50)
099080

Velcro® heavy duty tape 50mm x 5mtr
Extra Strong. Weather resistant adhesive. For Indoor and outdoor use
099415

Velcro® heavy duty strips retail pack
Extra Strong. Weather resistant adhesive. For Indoor and outdoor use
099420 12 per outer

Velcro® self-grip ties 30mm x 5mtr
Perfect for organising bulky heavyweight cables
099427 6 per outer

Personal grooming

Nilaqua Nilaqua's no rinse bathing products allow you to wash safely and effectively without using any water whatsoever! This range of no rinse liquid soap shampoo's leave your body clean and fresh from head to toe.

Simple, fast and effective.

These amazing products are liquid based and leave no sticky residues. Simply apply the liquid directly and generously to your body, massage to release dirt and grease, and then to remove simply thoroughly towel dry.

The perfect alternative to traditional bathing.

Nilaqua has many uses: e.g. for busy lifestyles to freshen up between washes or when there is a lack of water, for example travelling, festivals, camping, hiking, sports (cycling, marathons etc), yachting, truckers, military, etc. Many festival goers prefer to wash from the comfort and privacy of their tent, rather than queuing up for showers.

WOW
- Paraben and alcohol free
- Kind to the skin
- Simple and easy to use
- Safe perineal cleanser
- Moisturises as it cleans
- Microwaveable wipes and shampoo caps

No Water Or Rinsing Required
Apply Massage Towel Dry

Nilaqua pet shampoo
- Ready to use
- No rinsing required
- Bathe your dog without stress or mess
- Apply massage to a lather and towel dry. No rinsing required
- PH balanced, contains no alcohol
- Recommended by vets and professional groomers
- Removes odours without masking. Lifts the dir up and away from the skin

| 200ml | **098420** | 12 per outer |
| 500ml | **098421** | 12 per outer |

Nilaqua body wash
- Ready to use
- No rinsing required
- Leaves skin clean, refreshed, and odour free
- No alcohol means no dryness
- Gentle on sensitive skin
- Safe and effective perineal cleaner
- Moisturises as it cleans

65ml **098414** 12 per outer
200ml **098415** 24 per outer

Nilaqua body wash wipes
- Ready to use
- Contains 8 x premoistened 20cm² wipes
- No rinsing required
- Leaves skin clean, refreshed, and odour free
- No alcohol means no dryness
- Gentle on sensitive skin
- Safe and effective perineal cleaner
- Moisturises as it cleans
- Microwaveable for a warm luxurious wash

098409 24 per outer

Nilaqua smilesaver toothbrush
The waterless disposable toothbrush with a single dose of toothpaste stored inside the handle. To use simply push the handle into the head to dispense the toothbrush and brush your teeth
- No rinsing required
- No foam - no mess
- Fresh minty flavour

098419 30 per outer

Nilaqua shampoo
- Ready to use
- No rinsing required
- Hospital tested and approved
- Completely cleans hair without water
- Just apply, massage to a lather, towel dry, and style
- No alcohol means no dryness
- Leaves hair fresh, clean, and odour free

65ml **098400** 12 per outer
200ml **098401** 24 per outer
500ml **098402** 12 per outer

Nilaqua shampoo shower caps
- Ready to use
- No rinsing required
- Hospital tested and approved
- Completely cleans hair without water
- Just place cap over hair, massage to a lather, towel dry, and style
- No alcohol means no dryness
- Leaves hair fresh, clean, and odour free

098418 24 per outer

Nilaqua conditioner
- A wonderful finish for any shampoo
- Ready to use
- No rinsing required, no residue, no greasiness
- Eliminates snarls and tangles while leaving hair soft and easy to manage
- No alcohol means no dryness
- Provides silkiness, softness, and lustre
- Just apply, massage into hair, comb, and style
- Can be rinsed like a traditional conditioner

65ml **098405** 12 per outer
20ml **098406** 12 per outer

WOW Free counter display box **098425**

Rooflights and accessories

MPK complete rooflights

Size mm (aperture)	Dome colour	Interior colour	Grove number
280 x 280 with flynet	Opaque	Beige	102002
	Opaque	White	101972
360 x 320 with flynet	Opaque	Beige	102008
	Opaque	White	101978
400 x 400 with flynet	Opaque	Beige	102013
	Opaque	White	101983
MPK 420 400 x 400 with flynet and blind	Opaque	Beige	102016
	Opaque	White	101986
	Clear	Beige	102028

MPK rooflights opaque
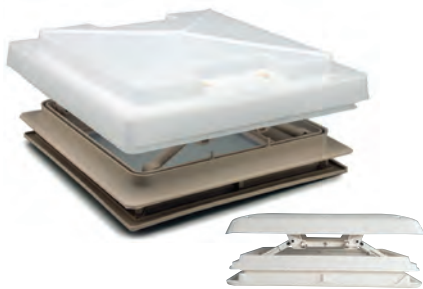
Multi-directional rooflight with opaque, flexible double skinned dome and frame available in two colours, beige or white. Telescopic arms allow the rooflight to be opened to any side. The dome skins have spacers between to guarantee free airflow that cannot be reduced by snow weight. Comes complete with removable flynet, and the 420 version comes with flynet and integrated roller blind.

MPK rooflight clear

- Large clear dome with snow protection frame
- With free airflow
- With flynet roller and roller blind
- Automatic pressure release locking device
- Covered fixing screws

Measures: Aperture: 400mm x 400mm,
Size of dome: 560mm x 560mm.
Free airflow: 150cm

MPK replacement domes - opaque Complete with handles

Size mm (aperture)	Dome colour	Handle colour	Grove number
280 x 280	Opaque	Beige	102005
	Opaque	White	101975
360 x 320	Opaque	Beige	102010
	Opaque	White	101980
400 x 400	Opaque	Beige	102012
	Opaque	White	101982

Other rooflights
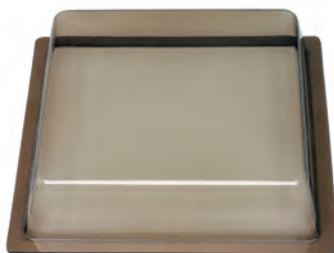
Rooflight domes

Manufactured from vacuum formed acrylic. The domes are not pre-drilled
14.5" x 14.5" **102055**
18" x 18" **102065**

Elixir rooflight

Single glazed unit with one way wind up mechanism. Metal surround. To fit aperture size: 360mm x 360mm
White **102033**
Spare dome
White **102037**

MPK flynets and blinds

Size mm (aperture)	Interior colour	Part	Grove number
280 x 280	Beige	Flynet	102019
	White	Flynet	101989
290 x 290	Beige	Flynet	102020
	White	Flynet	101990
360 x 320	Beige	Flynet	102021
	White	Flynet	101991
400 x 400	Beige	Flynet	102023
	White	Flynet	101993
MPK 420 400 x 400	Beige	Blind and flynet	102026
	White	Blind and flynet	102024
	Beige	Roller blind only	102017

280 x 280mm

290 x 290mm

360 x 320mm

400 x 400mm

For MPK 420
400 x 400mm

Replacement roller blind

Stays

MPK rooflight catches

Catch to lock rooflight in open or closed position 420/430.
4 per pack (2 black and 2 grey)
102018

Brevette stays

2 per pack **102162**

Dometic Heki rooflights

Heki rooflights
All heki rooflights come complete with inner frame, blind and flyscreen.
With weather proof ASA frames and PMMA glazing, they are designed to provide excellent protection from the elements

Model	Roof thickness mm		Dimensions mm (cut out)	Installation area required mm	For caravans or motorhomes	With or without forced ventilation	Glazing	Features	Grove number
	Standard	Fits							
Mini Heki plus	42	25-42	400 x 400	550 x 510	Caravan	Vent	Double glazed	Lever opening 3 position to 50°	102080
					Motorhome	No vent			102077
	60	43-60			Caravan	Vent			102081
					Motorhome	No vent			102078
Mini Heki S	42	23-42	400 x 400	500 x 500	Caravan	Vent	Single glazed	Handle opening 5 position up to 80mm	102074
	60	43-60							102075
Midi Heki	30-34	25-34 up to 60 (with additional assembly kit)	700 x 500	880 x 650	Caravan	Vent	Double glazed	Lever opening 3 position to 45°	102084
					Motorhome	No vent			102085
Heki 2	27	up to 60 (with additional assembly kit)	960 x 655	1080 x 790	Caravan	Vent	Double glazed	Lever opening 3 positon to 55°	102092
Heki 2 Deluxe	25-32							4 x 5W 12v integrated lights Lever opening 3 positon to 55°	102093
Heki 3 plus	25-32				Motorhome or caravan	No vent		2 x 8W 12v integrated lights Crank opening variable position to 70°	102096
Heki 4 plus	25-32							2 x 8W 12v integrated lights Electric opening (with remote) variable position to 70° With rain sensor	102097

Mini Heki S - 2.9kg

Mini Heki plus - 3.3kg
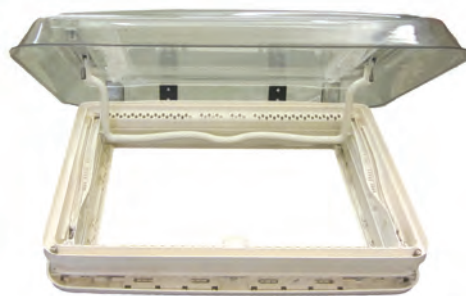
Midi Heki - 8kg

Heki 2 - 11kg

Heki 2 deluxe - 11kg
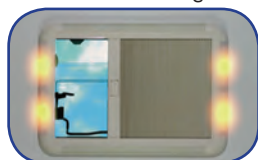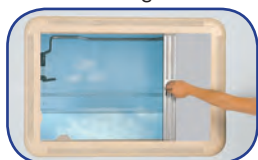
Heki 3 plus - 15kg

Heki 4 plus - 15.5kg
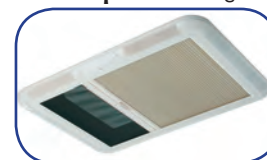
Seitz S4 windows - Dometic Seitz S4 windows are available to order from Grove Products. Usually delivered within 7 - 10 days, please speak to your sales contact for current prices and delivery time scales.

FIAMMA Rooflights

400 x 400 rooflights

The Fiamma range of 40 cm rooflights offers high quality and durability. Aerodynamic, thanks to its elegant external profile top, it does not require the use of the Spoiler. During high-speed testing, noise and vibrations were greatly reduced. Thanks to the new outside cover and exclusive patented rubber seal, a watertight system guarantees rain streams down without the possibility of it coming in. ABE approved. Made with high quality UV-resistant materials. Interchangeable with the old Fiamma Roof-lights 40x40 and with rooflights from 36x36cm to 42x42cm thanks to the reinforced frame. Supplied with permanent airflow ventilation.

EXTERNAL FIXING | **PERMANENT VENTILATION**
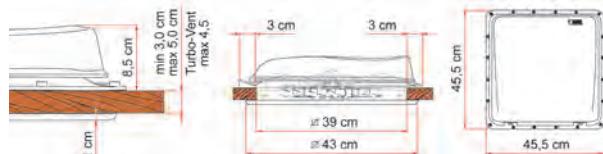
Crystal   White

Fiamma Vent

Manually operated opening with permanent air flow ventilation and mosquito screen.

Vent 40
White   102030W
Crystal   102030C

Spare dome
For all Fiamma 40 x 40cm rooflights
White   102031W
Crystal   102031C

Vent 28
28 x 28cm version of the Vent 40 rooflight, ideal for airing small spaces. Installation with sandwich technology with screws tightened inside the vehicle

White   101096
Crystal   101097

Spare dome
For vent 28
White   102033W
Crystal   102033C

SANDWICH SYSTEM | **PERMANENT VENTILATION**

Turbo-Vent

Manually operated opening with permanent air flow ventilation and a big fan with a 12V DC variable speed motor with 10 blades. It changes and refreshes the air inside your vehicle within seconds. The electronic circuit allows a rapid, problem-free, change of rotation. The transparent grating permits maximum air circulation and filtering of light.

White   101092
Crystal   101091
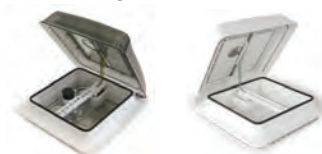
Universal extension kit
To suit all Fiamma roof lights
102036

Fiamma handle extension
102034

Fiamma turbo kit

Kit to convert your rooflight into a fan. Turbo kit 12V DC with telescopic hanging system allows installation on any rooflight from 40x40cm to 50x70cm when the vehicle is stationary and the roof is open. 24cm diameter fan with 2 telescopic hangers adjustable from 36 to 48cm. Comes with 1 cable for lighter type socket and 1 cable for vehicles electric circuit. Can also work on 8 x D batteries not supplied.
- Low consumption: 12 Vdc
- Absorbed power: 4 W
- Electric input: 0.2 to 0.33 A
- Max air flow: 7.2m³/min

101095

WOW Turns any rooflight (40x40cm to 50x70cm) into an extracting rooflight!
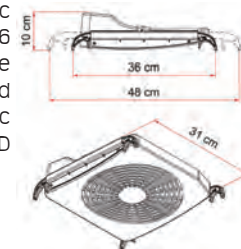
Rooflight accessories

Fiamma thermo vent 40
Insulated vent shield. Keeps your vehicle warmer in the winter and cooler in the summer. Suitable for all 40x40 rooflights. 40cm square
102032

Fiamma rollo kit 40 x 40 LED
Roller blind system suitable for 40 x 40cm rooflights, includes 4 LED lights, each with 9 warm white LED lamps
- Low consumption: 12 Vdc
- Absorbed power: 8.64 W
- Electric input: 0.72 A
- Complete with switch
- Easy installation without drilling
102029LED

Fiamma rollo kit 40 x 40
As above without the 12v LED lights 102029

Fiamma rooflight spoiler
A universal aerodynamic roof spoiler, ideal for reducing vibrations and rooflight noise while travelling. Made of UV-ray resistant sturdy PVC material. It can be shortened to adapt itself to the different rooflights with dimension from 110cm to 28cm. Easy to install can be attached with suitable adhesives (Sika), no drilling needed. Dimensions 110 x 20 x 12cm 102039

Dometic Air conditioning units – roof air conditioners for 230V stationary operation

Exterior

Freshjet 1100
102181

Freshjet 1700
102183

Freshjet 2200
102185
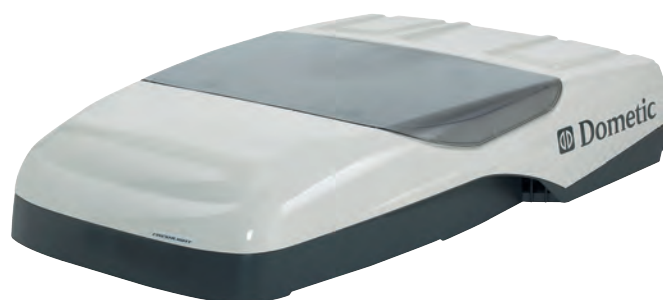
FreshLight 1600
102193

FreshLight 2200
102195

Interior

You can control all functions of your Dometic air conditioner easily by remote control. The digital display shows the selected settings, such as temperature, blower speed, battery status, timer etc.

WOW FreshLight - The world's first roof air conditioner with integrated roof window with active ventilation system and single-pleated blackout screen

DC2 Kit

Allows you to run an air conditioners through the 12V DC circuit whilst the vehicle is running. Travelling occupants of the living area can be air-conditioned and you can enjoy perfect climate inside when you get to your holiday destination. Includes charging current distributer **102170**

	Freshjet 1100 102181	Freshjet 1700 120183	Freshjet 2200 120185	Freshlight 1600 120193	Freshlight 2200 120195
Cooling capacity	1000 watts 3400 Btu/h	1700 watts 5800 Btu/h	2200 watts 7500 Btu/h	1550 watts 5300 Btu/h	2200 watts 7500 Btu/h
Heating capacity (230v mode only)		800 watts	2700 watts	2050 watts	2700 watts
Power consumption (cooling / heating)	430 / - watts	620 / 800 watts	950 / 1200 watts	620 / 800 watts	950 / 1200 watts
Input voltage	230 volts AC 50 Hz	230 volts AC 50 Hz	230 volts AC 50 Hz	230 volts AC 50 Hz	230 volts AC 50 Hz
Current consumption (cooling / heating)	2.0 / 0 Amps	2.7 / 3.5 Amps	4.1 / 5.2 Amps	2.7 / 3.5 Amps	4.1 / 5.2 Amps
Necessary circuit protection (cooling / heating)	3 / - Amps	4 / 4 Amps	5 / 6 Amps	3 / 4 Amps	5 / 6 Amps
No. of blower speeds	4	4	4	4	4
Remote control	Yes	Yes	Yes	Yes	Yes
External dimensions (W x H x D) mm	562 x 225 x 787	562 x 225 x 787	562 x 225 x 787	758 x 210 x 1105	758 x 210 x 1105
Internal dimensions (W x H x D) mm	480 x 47 x 535	480 x 47 x 535	480 x 47 x 535	550 x 53 x 880	550 x 53 x 880
Roof opening (W x D) mm	400 x 400	400 x 400	400 x 700	400 x 400	400 x 700
Roof thickness mm	25 to 60	25 to 60	25 to 60	25 to 60	25 to 60
Integrated lighting	LED	LED	LED	LED with dimmer	LED with dimmer
Can use DC2 Kit for 12V mobile operation	Yes optionally	Yes optionally	Yes optionally	Yes optionally	Yes optionally
Recommended max length of vehicle	5 metres	6 metres	7 metres	6 metres	7 metres
Weight approx. kg	22	29	32	40	42
Part no.	**102181**	**102183**	**102185**	**120193**	**102195**

truma Air conditioning units – roof air conditioners for 230V stationary operation

Aventa Comfort

Behind the Aventa Comfort air conditioning system are two powerful and efficient units. It cools and dehumidifies the interior on hot days and can be used as a heatsource through an energy saving heat pump on cooler evenings.
- Powerful cooling and exceptionally high air output
- Maximum efficiency in both cooling and heating operation
- Extremely light
- Sleep function for quiet cooling
- Practical timer function
- Retrofitting is very quick and easy

Choice of two interior colours, cream or grey

WOW Easy retrofit through 400 x 400 rooflight, especially with the optional sealing frame
102169

Optional sealing frame
102169

Aventa Eco

The Aventa Eco air conditioning system will provide you with the required temperature quickly with it's high cooling power. It uses such low power that it can be used on camp sites with the lowest fuse protection. Perfect for performance and economy
- Powerful cooling
- Extremely low power consumption
- Extremely light
- Sleep function for quiet cooling
- Practical timer function
- Retrofitting is very quick and easy

Choice of two interior colours, cream or grey

WOW Aventa Eco - Powerful cooling only (no heating function). Why pay for heating when it is already installed in the vehicle. Save weight, money and power!

1. On/off
2. Mode
3. Fan speed
4. temperature selection
5. Clock
6. Sleep
7. Interior lighting
8. Timer
9. Resend
11. Reset

Interior cream

Interior grey

	Aventa Comfort 102166	Aventa Eco 102163
Cooling capacity	2400 watts	1700 watts
Heating capacity	800 watts	
Input voltage	230 volts AC 50 Hz	230 volts AC 50 Hz
Current consumption (cooling / heating)	4.2 / 3.7 Amps	2.8 Amps
External dimensions (W x H x D) mm	650 X 235 X 980	650 X 235 X 980
Internal dimensions (W x H x D) mm	500 X 50 X 560	500 X 50 X 560
Roof opening (W x D) mm	400 X 400	400 X 400
Integrated lighting	Dimmable LED ambient lighting	Dimmable LED ambient lighting
Recommended max length of vehicle	7.5 metres	6 metres
Weight approx. kg	33	28
Part no.	**102166**	**102163**
Air distribution unit cream	**102167**	**102164**
Air distribution unti grey	**102168**	**102165**

Dometic Air conditioning units – under bench air conditioner

Is the under-bench storage space still free? Then there are a number of reasons to house the air conditioner there:
- No roof load, vehicle centre of gravity and height remain unaffected
- 3 separate outlets can be positioned individually

	FreshWell 2000 102197
Cooling capacity	1800 watts / 6100 Btu/h
Input voltage	230 volts AC 50 Hz
Current consumption	2.8 Amps
Dimensions (W x H x D) mm	400 X 286 X 560
Recommended max length of vehicle	6 metres
Weight approx. kg	20
Part no.	**102197**

Ventilators

Extract and light kit

12v extractor fan complete with an integral downlighter in white surround. Ideal for fitting in cupboard above hot plate or in a toilet compartment. Complete with exhaust ducting and external vent. Supplied blister packed with Euro slot. Can also stand on shelves. Comes complete with a G4 10w halogen bulb **103250**

Extract and light loose

12v extractor fan complete with an integral downlighter. Supplied in bubble wrap with no external vent or exhaust ducting. 10 per outer

White **103252**

Chrome **103253**

Gold **103254**

Dometic GY20 vent

A passive ventilator with easy push/pull closing action. Creates permanent ventilation to cut down condensation and musty smells **103202**

Mushroom vent

White Dimensions: 110mm Ø, Height 50mm, Roof 22-54mm

103204

Roof cowl Truma AK3

801020

More truma cowls and vents in the spares section of the catalogue

MPK vent 5038

117mm diameter (overall) 109mm (vent)

103200

Hit and miss vent

White 9.5" x 3.5" **103101**

Brown 9.5" x 3.5" **103112**

Hit and miss vent and flyscreen

White 9.5" x 3.5" **103123**

White 9.5" x 6.5" **103134**
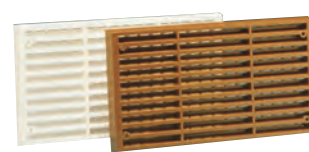
Interior louvre vent

White 6.75" x 3.5" **103038**

Brown 6.75" x 3.5" **103047**

Exterior louvre vent

White 9.5" x 6.5" **103029**

Exterior louvre vent and flyscreen

White 9.5" x 3.5" **103083**

White 9.5" x 6.5" **103092**

Exterior louvre vent

White 9.5" x 3.5" **103011**

Brown 9.5" x 3.5" **103020**

MPK side wall vent

170mm x 50mm – aperture size

103201
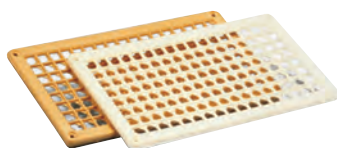
Grille vent

White 6.75" x 3.5" **103145**

Beige 6.75" x 3.5" **103156**

3" hexagonal vent -pair

White **103167**   Brown **103178**

10 packs per outer

Consumables

THE WORK SHOP

WOW For workshop consumables please order in units of 1 to receive quantity in brackets.

Brake cleaner
500ml aerosols (6) **SAS2**
2.5 litre (4) **SAS82**

Zinc spray
500ml aerosols (6)
SAS24

Clear fine oil
500ml aerosols (6)
SAS56

Silicone spray
500ml aerosols (6)
SAS8

Tyre foam
500ml aerosols (6)
SAS43

White grease PTFE
500ml aerosol (6)
SAS7

Copper grease
500ml aerosols (6)
SAS17

Clear grease
500ml aerosols (6)
SAS18

Silicone grease
500ml aerosols (6)
SAS19

Multi purpose EP grease
400g cartridges (12) **VC181**
5Kg tub **VC182**

Sealant strips

W4 sealing strip

WOW New high performance formula in white available now!

Formulated for the sealing and re-bedding of caravan and trailer tent fittings. Suitable for use on aluminium mouldings, overlap joints, awning rails, exterior lights, window surrounds, grab handles and most external trims.

Retail packs
19mm x 2.5mm x 5m
Grey **107089**
White **107092**
32mm x 2.5mm x 5m
Grey **107090**
White **107093**
45mm x 2.5mm x 5m
White **107094**

Workshop packs
19mm x 2.5mm x 19m
Grey **107116**
White **107119**
32mm x 2.5mm x 19m
Grey **107117**
White **107120**
45mm x 2.5mm x 19m
Grey **107118**
White **107121**

Containers

Chemical sprayer
Not suitable for solvents including brake cleaner. 600ml **CAN8**

Pressol chemical sprayer
Heavy duty polyethylene. 750ml capacity. Fully adjustable nozzle. Suitable for use with cleaning fluids, lubricants and penetrating agents **CAN3A**

Solvent sprayer
Polyamid pump with viton seals. Polyethylene, 1 litre container. Can be used with brake cleaner **CAN12**

Solvent sprayer
With viton seals. 1 litre container. Can be used with brake cleaner **CAN7**

Grease gun metal
Metal bodied with extension pipe and 4 jaw coupler. ⅛" bsp 2.0cc/stroke. Withstands pressure to 10,000psi. Takes 400g cartridges **TL922**

Rolson caulking gun
Steel skeleton frame, handle with plunger and release lever. Suitable for most 380-425ml cartridges. Available singly or 12 per outer **107087**
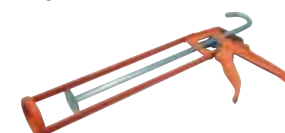
Cartridge gun
Heavy duty for 400ml sealant or grease cartridges **TL885**

Sealants & adhesives

DEKALIN

Dekaphon 9735

An under body and wheel arch proctection coating. It does not spray mist when applied, very good resistance to water and abrasion. Can be used on plywood, wood and metal. 500ml aerosol
Black **107038**
Available singly or 12 per outer

Dekaphon 9750

An under body and wheel arch proctection coating, that can also be used as a wood primer. It is a water based product that has very good resistance to water and abrasion, an excellent primer for MS-Polymer. Can be used on plywood, wood and metal.
1 litre Black **107040**
Available singly or 12 per outer

Dekasyl MS2

A multi-purpose adhesive / sealant. Based on MS polymer, it's ideal for fitting equipment such as solar panels, satellite systems, etc to vehicle roofs. It has very high U.V. stability and excellent performance with no need for a primer before application. 310ml cartridge
Black **107020**
Grey **107021**
White **107022**
Available singly or 12 per outer

Sikaflex 512 caravan

Multi purpose non-sag elastic one-part sealant. Resistant to UV radiation, ageing and weathering. Bonds well to many substrates. 310ml cartridge
White **107082**
12 per outer

Sikaflex 221

Fast setting one part polysulphide adhesive and sealant. Hardens to a flexible rubber-like consistency.
310ml cartridge
White **107080**
Black **107081**
12 per outer

MK40

Polyurethane sealant and adhesive in one.
310ml cartridge
White **107079**
12 per outer

Dekapur 2K-90

Flexible polyurethane plastic repair adhesive. Can be used on ABS, PMMA, wood, metals, PVC, Polyester and painted metal. Very fast cure, 5 minutes! Easy and cost effective repair.
50ml Black **107042**
Available singly or 24 per outer

Dekapur 2K-6000

A 2 part polyurethane construction adhesive, used for bonding sandwich panels. Can be used on wood, plywood, aluminium, polyester and stony materials. Solventfree, short pressing time of 5 hours, with high gap filling properties. 5kg tub + 0.85kg tin.
Beige **107044**
Available singly

Dekaseal 8936

A permanently slightly sticky, non-hardening, sealant. Surplus amounts can be easily dabbed away, saving time and avoiding the risk of damaging side panels. Common uses are for sealing of windows, sun-roofs and overlaps and joints in vehicle construction. Excellent UV-resistance and ageing properties without any pre-treatment. 310ml cartridge
Black **107025** Anthracite **107026**
Light Grey **107027**
Available singly or 12 per outer

IDL mastic sealant

Non-drying bedding sealant. 380ml cartridge
Cream **107077** White **107078**
15 per outer

Hodgsons seamseal CV sealant

Non-drying bedding sealant. 380ml cartridge
White **107015**
Available singly or 24 per outer

Hodgsons silfix

Silicone sealant for many uses in and around the leisure vehicle e.g. sealing around toilets, shower trays etc.
310ml cartridge
White **107066** Clear **107067**
Available singly or 25 per outer

Dekalin

Dekalin products are designed especially for use in the caravan, motorhome and boat industries. Made in Holland and Germany, the range includes adhesives, sealants, protective coatings and more. All products use the highest quality materials and can be used with complete confidence.

- Use Dekaphon for enhancement and protection. Seals under-carriages and wheel arches, protecting againts water ingress from below. Dekaphon 9750 can also be used as a primer for wood .

- Use Dekapur for bonding sandwich panels and plastic repairs.

- Use Dekaseal for sealing any fixture that may have to be removed in the future for repair or replacement such as windows, access doors, rooflights and panel overlaps.

- Use Dekasyl for fitting equipment such as solar panels, satellite domes and TV aerials to vehicle roofs. Extremely high bond strength and elasticity.

WOW Ask your sales contact about the useful Dekalin application chart

DEKALIN
Your ADHESIVE, SEALANT AND COATING GUIDE

1 ENHANCEMENT & PROTECTION

Product	Description	Colour	Applications	Substrates	Features
Dekaphon 9735	underbody coating	black	enhancement underbody wheel housing underbody protection	plywood wood	does not spray mist when applied sound deadening properties very good resistance to water and abrasion
Dekaphon 9750	protective wood primer	black	underbody protection adhesion enhancement	plywood wood	waterbased product excellent wood impregnation excellent primer for MS Polymer adhesives very good resistance to water and abrasion

2 BONDING & REPAIR

Product	Description	Colour	Applications	Substrates	Features
Dekapur 2K-90	2K-PU plastic repair	black	plastic (parts) repair side repair	ABS, PMMA plywood, wood	very fast cure, 5 minutes! easy and cost effective repair
Dekapur 2K-6000	2-K polyurethane construction adhesive	beige	bonding sandwich panels	wood, plywood, aluminium, polyester, stony materials	solventfree short pressing time of 5 hours high gap filling properties
Dekaspachtel	polyester filler	yellow	extended body work body repair	steel, aluminium 2-K acrylic lacquers 2-K water based lacquers galvanized steel wood	non porous structure fast curing easy to apply

3 SEALING

Product	Description	Colour	Applications	Substrates	Features
Dekaseal 8936	PIB sealant	anthracite black light grey	windscreens, frames external peripherals opening, drains, pipings	lacquers aluminium ABS, PMMA wood	very low moisture vapor permeability excess can be dabbed away (no solvent needed) sealant needs to be fit between two mechanical clamped substrates can not be painted over
Dekaseal 0869	butyl sealant	grey	holes, openings, doors external peripherals	lacquers aluminium ABS, PMMA wood	can be used as sealant inside and on top of joints can be painted over
Dekaseal 1512 & 1517	butyl sealant	off white black	holes, openings, doors external peripherals	lacquers aluminium ABS, PMMA wood	can be used as sealant inside and on top of joints free of aromatic solvents can be painted over

4 BONDING & SEALING

Product	Description	Colour	Applications	Substrates	Features
Dekasyl MS-2	MS Polymer elastic adhesive and sealant	black, grey white	glass and PMMA windscreens sideskirts, frames wheelskirts	PMMA, PVC, glass, aluminium, lacquers, galvanized steel, polyester	very good UV-resistance and ageing properties no special surface treatment paintable after skin forming
Dekasyl MS-5	MS Polymer elastic adhesive and sealant	black, white	glass and PMMA windscreens sideskirts, frames wheelskirts	PMMA, PVC, glass, aluminium, lacquers, galvanized steel, polyester	high green strength very good UV-resistance and ageing properties no special surface treatment paintable after skin forming

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w: www.groveproducts.co.uk

www.dekalin.com

Adhesives and glues

Evo-stik strong bond
Clear adhesive.
Multi purpose 32g
107140
6 per outer

Evo-stik impact
Instant contact adhesive. Multi purpose 30g **107145**
6 per outer

Evo-stik instant
Hard plastic adhesive. Instant bond 3g **107155**
6 per outer

Super glue
20g bottle **SAS4950**
5g bottles (5) **SAS495/5**
3g tubes (5) **SAS401/5**

SAS activator aerosol
Accelerates bonding of super glues. For use on PVCU, metal, glass and plastic. 200ml
SAS325

Loctite 401 instant adhesive
20g bottle
VC906

Bostik super glue
Original strong bond 3g
107150
12 per outer

Super glue
3g. 2 per pack
107152
48 per outer

Araldite rapid adhesive
2x15ml tubes (2)
VC393

Araldite rapid adhesive
24ml syringe
VC394

Delamination kit
Floor fix 1.5Kg 2 part low odour epoxy adhesive is supplied with a 2.6ltr bucket for mixing, a pack of 20 (approx.) bungs and a syringe for application **107010**

SAS rapid epoxy
Repair compound for fast bonding of metals, glass, most plastics and other materials 24ml
SAS450

Captain Tolley's Creeping Crack Cure
Multi-purpose liquid sealant that finds and fixes leaks and seals hairline cracks. Compatible with all caravan building materials. Does not dissolve polystyrene
107290
12 per outer

Geocel clear marine sealant
Permanently flexible and waterproof clear silicone rubber sealant 78g tube
107005
6 per outer

Rolson glue gun
230v 75W. Takes 11mm ø glue sticks 100mm long. 6 per outer
107160

Rolson glue sticks (10)
11mm ø glue sticks 100mm long. Glues most plastics, wood, fabric, paper etc
12 per outer **107161**

AL-KO red sealant
Used for marking the nut position **107008**

Tapes and packaging

Stretchfilm pallet wrap
Clear 400mm x 300 metres
203034
Black 400mm x 300 metres
203035

Duct tape
Multi-purpose heavy duty tape for indoor or outdoor use. 10 metres silver.
24 per outer
107316

Double sided tape
Non-foam type.
12mm x 50 metres
VC406
25mm x 50 metres
VC408

PVC insulation tape (10)
Electrical insulation tape. Black. Flame retardent to BS 3924 1980 Category 2. 19mm x 20 metres **EPT1**

Carton sealing tape
50mm x 66 metres
6 per outer
203031

Fragile sealing tape
50mm x 66 metres
6 per outer
203030

Airsafe bubble wrap
1.5 metres x 100 metres
203036
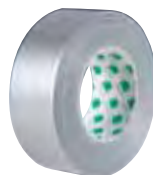
Gaffa tape
Multi-purpose heavy duty tape for indoor or outdoor use. Silver Available singly 10 metres **107300** Available singly or 24 per outer 50 metres **107315**

Double sided adhesive foam tape
Green backing. General purpose tape. Suitable for interioir and exterior use. 25mm x 10 metres
VC404

Advance AT7 (10)
Electrical insulation tape. Black. Flame retardent to BS EN6054, self extinguishing.
19mm x 20 metres
EPT7

Sealing tape gun
Tape dispenser
203033

PTFE tape (10)
12mm x 12 metres
GLU5

Professional surface finishing

WOW Ask your sales contact about the useful Farecla application chart

Farécla

G mop back plate

6"Advanced back plate with interface pad for use with 6" industrial applicators. 14mm thread size. **AGMPIP**

G mop lambswool pad 6"

Hook & loop allows rapid fitting and removal from backing plate. Gives a greater cut than foam. Leaves few swirl marks and polishes to a high gloss **AGMLWP**

Profile 300

Profile 300 can be used to rejuvenate or remove scratches from your caravan windows either by machine or by hand

Directions - By hand. Lightly dampen a lint-free cloth and apply 4 pea-sized amounts of Profile 300 to the cloth. Rub the cloth across the window using a straight back and forth motion starting left to right and then switching to up and down. Apply even pressure and repeat until a desired finish is achieved. Remove residue and buff with a soft dry cloth or microfiber finishing cloth.

Where there is deep ground in dirt such as roofs of the caravan a polishing machine might be required. Profile 300 in conjunction with a lambswool mop will offer a greater cut and high gloss.

Directions - By machine. Using backplate attach a lambswool pad to the polishing machine. Apply a small amount of Profile 300 to the pad and use the pad and polishing machine to spread the product before starting the machine. Then start the machine at low speed and polish the surface using even pressure. Gradually increase the machine speed to 1500rpm. Once the product is used up wipe the surface clean using a microfibre cloth Reapply product if more work is required.

1 litre bottle **PRO3001400** 6 per outer
200ml bottle **PRO300200** 12 per outer

Profile Caravan wash

Profile wash can be diluted or used as a neat product on the surface without any detriment to the surface. The wash leaves no streaks after use.

Directions - Rinse caravan thoroughly to remove excess dirt. Shake bottle well and pour 10-30ml Profile Power Wash into a bucket of warm water. Apply Power Wash with a clean sponge working from the top of the caravan downwards. Rinse thoroughly with clean water and wipe dry with a clean microfiber cloth for a streak-free, high shine finish. Can also be used neat on heavy stains without any detriment to the surface.
1 litre bottle **PPW101** 6 per outer

Profile Gelcoat restorer & wax

Profile Gelcoat Restorer & Wax is the perfect product for rejuvenating faded caravan surfaces by hand.

Directions - Lightly dampen a lint-free cloth and apply a small amount of Profile Gelcoat Restorer & Wax to the cloth. Rub the cloth across the faded caravan surface using a straight back and forth motion starting left to right and then switching to up and down. Apply even pressure and repeat until a desired finish is achieved. Remove residue and buff with a soft dry cloth or microfibre finishing cloth.
1 litre bottle **PGC501** 12 per outer

Profile Polymer wax

Profile Polymer Wax is a high gloss water resistant product with an even application. Can be applied either by hand or machine under most conditions.

Directions - Shake bottle well before use. Pour a small amount of Profile Polymer Wax onto a soft lint-free cloth (not directly onto the vehicle) and apply in a circular overlapping motion being careful to avoid contact with plastic trim. Allow to dry to a haze, then using a clean and soft lint-free or microbibre cloth, simply buff off for a beautiful high gloss water-resistant finish. Apply extra layers for maximum shine and protection.
1 litre bottle **PPW106** 6 per outer

Workshop cleaning

Hand gel red beaded
5 litres
VC505

Paper wipes
2 ply blue.
VC537
Paper wipes stand
VC526

Fenwicks commercial caravan cleaner

One litre will clean up to 40 average size caravans. It will safely remove black streaks, algea, moss, fungus, road and traffic film. Safe to use on acrylic windows, aluminium, rubber, decals, mastics, sealants etc. 25 litres
098061

1Drywash commercial valeting pack

Kit contains: 2 x 1 litre 1drywash, 12 x micro fibre cloths, 1 x pressurised dispenser, 12 x latex gloves **098069**
Valeting pack refill
10 x 1 litre 1drywash
098068

Assortment boxes

Bulk packs

'O' rings metric
404 pieces
AB100

'O' rings imperial
382 pieces
AB101

'O' rings metric
325 pieces
AB81

Heat shrink tubing
50mm lengths 172 pieces
AB103

Fastener assortment
Includes Zinc high tensile setscrews,
steel nuts & flat washers
M5 440 pieces **AB163**
M6 415 pieces **AB128**
M8 220 pieces **AB129**
M10 145 pieces **AB130**

Machine screws
Body screws. Pan head
Pozi metric (zinc) 250 pieces
AB134

Nylon lock nuts metric
300 pieces
AB15

Heat shrink tubing
200mm lengths 30 per
pack
AP33

Repair washers
240 pieces
AB22

Flat washers imperial
"Table 4" Heavy 530 pieces
AB109
"Table 3" Heavy 1000 pieces
AB20

Rivets aluminium
Black 200 pieces
AB112

Split pins
1000 pieces
AB32

'R' clips
75 pieces
AB88

Insulated terminals
Blue 280 pieces
AB161

Display rack
For 10 assortement boxes
ABR

Screws and miscellaneous

Self tapping screws
Counter sunk . Pozi- Zinc
200 per pack
No.6 ⅝" 16mm   **HTC6/5**
No.6 ¾" 19mm   **HTC6/6**
No.6 1" 25mm   **HTC6/8**
No.6 1½" 38mm   **HTC6/12**
No.8 ⅝" 16mm   **HTC8/5**
No.8 ¾" 19mm   **HTC8/6**
No.8 1" 25mm   **HTC8/8**
No.8 1½" 38mm   **HTC8/12**

Pan head screws
Pozi - stainless steel
200 per pack
No.6 x ½" 13mm   **HTA6/4**
No.6 x ¾" 19mm   **HTA6/6**
No.6 x 1" 25mm   **HTA6/8**
No.8 x ½" 13mm   **HTA8/4**
No.8 x ¾" 19mm   **HTA8/6**
No.8 x 1" 25mm   **HTA8/8**

Repair washers
Zinc
M6 x 19mm
i.d ¼" x o.d. ¾"
200 per pack
HRW14

Flat washers
Zinc gold "Form
C" metric M8.
i.d 8.4mm o.d.
21mm.Thickness
1.6mm
500 per pack
HFW61

Split pins
500 per pack
³/₃₂"X1½"
HSP4
250 per pack
⁵/₃₂"X1⅝"
HSP12

Clevis pins
50 per pack
³/₁₆" X ⅝" **HCP1**

Flange nuts
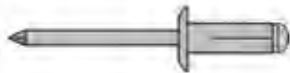Serrated zinc
metric M8
200 per pack
HSN58

Rivets

Steel rivets
Standard flange 100 per pack
4.8 x 12mm **PRS4**
4.8 x 16.5mm **PRS5**

Peel back rivets
100 per pack
4.8 x 12mm **PR47**
4.8 x 19mm **PR48**

Avex (multigrip) rivets
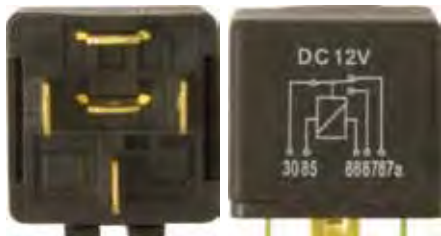500 per pack
4 x 12mm **PR3**

Aluminium rivets
Black large flange
100 per pack
3.2 x 10mm **PRB21**

Relays
Electrically operated switch that can be used to isolate the auxilliary battery from the vehicle battery.

12v 20/30A
Normally open contact
ERL7

DC 12V
30 85 888787a

12v 40A
Normally open contact
ERL11

DC 12V
30 85 8687

Fuses and bulbs

Standard blade fuses
50 per pack
3amp **EFX3**
4amp **EFX4**
5amp **EFX5**
7.5amp **EFX7.5**
10amp **EFX10**
15amp **EFX15**
20amp **EFX20**
25amp **EFX25**
30amp **EFX30**

Blade fuses
50 per pack
1amp **EFB1**
2amp **EFB2**
30amp **EFB30**

Side & tail bulb
BA15s single contact
10 per pack
Carlex bulbs
5w **EB207**
10w **EB245**
Ring bulbs
10w **ER245**

Side & tail bulb
BA15d double contact
10 per pack
Carlex bulbs
10w **EB209**

Capless bulb
W2 x 4.6D
10 per pack
Carlex bulbs
1.2w **EB286**

Stop or flasher bulb
BA15s single contact
10 per pack
Carlex bulbs
21w **EB382**

Stop or flasher bulb
BAU15s single contact
Amber
10 per pack
Carlex bulbs
21w **EB581**

Stop/tail & daylight running bulb
BAY15d double contact
10 per pack
Ring bulbs
21/5w **ER380**

Cable connectors

Yellow fits 4 to 6mm² ø cable - **Blue** fits 1.5 to 2mm² ø cable - **Red** fits 0.5 to 1.5mm² ø cable

Push-on female
100 per pack
Red 6.3mm **ET6**
Blue 6.3mm **ET7**
Yellow 6.3mm **ET8**
Yellow 9.5mm **ET12**

Bullets
100 per pack
Blue 5mm **ET16**

Heat shrink butt connectors
Adhesive lined
Red 3.7mm 25 per pack **ET91**
Blue 5mm 25 per pack **ET92**
Yellow 6.5mm 10 per pack **ET92**

Scotchlok connectors
3M no. 560
100 per pack
ESL2

Insulated female
100 per pack
Red 6.3mm **ET9**
Blue 6.3mm **ET10**
Yellow 6.3mm **ET11**

Receptacle socket
100 per pack
Blue 5mm **ET19**

Butt connector
100 per pack
Red 3.3mm **ET33**
Blue 4.0mm **ET34**
Yellow 5.5mm **ET35**

Copper tube terminals
10 per pack
35mm x 8mm **ET73**
35mm x 10mm **ET74**

Push-on male
100 per pack
Red 6.3mm **ET36**
Blue 6.3mm **ET37**
Yellow 6.3mm **ET38**

Ring terminals
100 per pack
Blue 6.4mm **ET26**
Yellow 8.4mm **ET30**
Yellow 10.5mm **ET32**

Terminal block
12 way 10 per pack
5amp **ETB5**
15amp **ETB15**
30amp **ETB30**

Tools

Hose clip driver
175mm shaft, 7mm nut spanner **TL923**

Trimming knife
Metal bodied, heavy duty with snap-off 18mm blade **TL675**

Trimming knife blades only
Snap-off 18mm for TL675. 10 blades per pack, 10 packs per outer **TL666**

Blade dispenser
With 100 heavy duty blades **TL658**

Crimping pliers
Heavy duty **TL934**

Teng Torque wrenches ½" drive
- For both tightening and final checking of torque
- Reversible with lever (right hand action for torque checking only)
- Angular gauge for after tightening
- Graduated in Nm and lbs/ft
- Lockable setting
- Accuracy +/- 4%
- Degree scale for after tightening of cylinder heads
- Satin finish with rubber handle

Range 40-200 Nm, 30-150ft.1b. Length 465mm **TG1281**
Range 70-350 Nm, 50-250ft.1b. Length 632mm **TG1282**

Tubeless valve
Type TR418. Fits 11.5mm hole. Length 61.5mm. Complete with caps. 25 per pack **TY127**

File set
Each with detachable ABS handle. Second cut BS498. 4 pieces in wallet - 2 x Hand 8", 1 x Half-round 8", 1 x Round 8" **TL766**

Emery roll
Blue twill. 50mm width 80 grit. 50 metre roll **WER30**

rolson
quality tools

Torque wrench ½" drive
- Heat treated steel ratchet head.
- Fully hardened and tempered.
- Chrome plated for corrosion resistance.
- Micrometer type torque range adjustment with flip reverse ratchet mechanism.

Range 27-200 Nm, 20-150ft.1b. Length 465mm
Available singly or 10 per outer **105535**

Jobber twist drill bits

Sizes up to 10mm 10 per pack	
1mm	**DRM1**
1.5mm	**DRM1.5**
2mm	**DRM2**
2.5mm	**DRM2.5**
3mm	**DRM3**
3.2mm	**DRM3.2**
3.3mm	**DRM3.3**
3.5mm	**DRM3.5**
4mm	**DRM4**
4.5mm	**DRM4.5**
4.8mm	**DRM4.8**

5mm	**DRM5**
5.5mm	**DRM5.5**
6mm	**DRM6**
6.5mm	**DRM6.5**
7mm	**DRM7**
7.5mm	**DRM7.5**
8mm	**DRM8**
8.5mm	**DRM8.5**
9mm	**DRM9**
9.5mm	**DRM9.5**
10mm	**DRM10**

Sizes 10.5mm+ 5 per pack	
10.5mm	**DRM10.5**
11mm	**DRM11**
11.5mm	**DRM11.5**
12mm	**DRM12**
12.5mm	**DRM12.5**
13mm	**DRM13**

HSS "sprint" DIN 338

Clips and ties

Hellermann cable ties
Black 100 per pack T30R
150mm x 3.5mm **ECT35**
100mm x 2.5mm **ECT81**

Eurolok cable ties
Silver-grey 100 per pack
295 x 4.8mm **ECTG53**
370 x 4.8mm **ECTG57**

Cable tie base
Self adhesive with 2 screw holes 50 per pack
4.8mm **EAC4**

P clips
4.8mm 100 per pack **EAC405**
6.0mm 100 per pack **EAC406**
9.0mm 100 per pack **EAC409**
12.0mm 100 per pack **EAC412**
19.1mm 50 per pack **EAC419**

'O'-clips
Double ear 25 per pack
11–13mm **OC3**
13–15mm **OC4**
15–18mm **OC5**

Cable clips
Self adhesive 50 per pack
8mm **EAC2**
14mm **EAC3**

Workshop

rolson Tool Sets

Mechanics tool kit (52 pieces)

Ideal roadside emergency tool kit. Contents: 150mm long nose pliers, 150mm diagonal pliers, 150mm adjustable wrench, 125mm lock wrench pliers, 8 piece star key set, $^3/_8$" Dr ratchet, ratchet spin disc, 75mm extension bar, 1 x $^3/_8$"-¼" Dr adaptor, 3 x ¼" Dr 8 point sockets, 4 x $^3/_8$" Dr sockets, 28 x ¼" Dr sockets, and hard case. Available singly or 8 per outer **105575**

Tool kit (161 pieces)

Consists of a 8oz stubby claw hammer with magnetized tip, 4 in 1 pistol grip ratchet screwdriver with bit storage in handle (includes 4 x 25mm screwdriver bits - slot 4, 5, crosspoint PH2, PZ2), magnetic wrist band, 6.5mm masonry drill bit, 3mtr x 16mm tape measure (with pause button on side and base, thumb operated lock, wrist strap and belt clip on reverse) and mini spirit level. Supplied with 65pc picture hanging, and 90pc hardware assortment. 6 per display outer

Yellow/black	**105578**
Pink	**105579**

Screwdriver, pliers, & bits tool set (45 pieces)

Consists of a screwdriver handle with magnetic bit holder, 6 x screwdrivers supplied on wall rack, 6 x precision screwdriver, 30 x 25mm screwdriver bits. 150mm combination pliers, and 150mm side cutting pliers. 8 per display unit **105519**

Mini trifold tool kit (26 pieces)

Contents: 10 x 25mm bit assortment, magnetic tip screwdriver bit handle, mini long nose pliers, mini side cutting pliers, tweezers, 4 x ¼" Dr sockets, 75mm extension bar, 6 x precision screwdrivers, and hard case. Available singly or 40 per outer **105573**

Bicycle tool kit

The ultimate bicycle repair and maintenance kit. 32 in 1. Consists of box wrenches, spoke wrenches, hex keys, socket wrench, crosspoint and slot screwdrivers. Complete with puncture repair kit, and two tyre levers. Supplied with canvas type pouch. Available singly or 4 per outer **105586**

Screwdriver tool kit (15 pieces)

Consists of a 2 in 1 screwdriver handle with box, 1 x spirit level, 5 x 25mm bits: PH1, PH2, SL4, SL5 and SL6, 1 x 1m tape measure, 1 x adaptor and 4 x drive socket 7, 8, 9 and 10mm. 8 per display unit **105571**

Household tool kit

Contents: Stubby claw hammer, 150mm combination pliers, 22pc precision screwdriver set, 2pc spirit level, 2pc snap off blade knife, 3m tape measure, 2pc screwdriver, 2pc precision screwdriver + 600 piece house hold assortment. Available singly or 8 per outer **105576**

50cm tool box

Complete with lift out tote tray. Outer dimensions 485 x 261 x 225mm. Available singly or 12 per display unit **105577**

rolson Hand tools

Mini folding star driver
With LED & D-Ring. T8, T9, T10, T15, 1 LED torch (11000-13000MCD), supplied with 4 x AG1 batteries. Overall size folded 50 x 28 x 17mm **105509**

Folding hex key set
With LED & D-Ring. HEX: 1.5, 2, 2.5, 3, 4.5mm. 1 LED torch (11000-13000MCD), supplied with 4 x AG1 batteries. Overall size folded 50 x 28 x 17mm **105549**

Hex key set (10 pieces)
Chemically blackened. Sizes 1.5, 2, 2.5, 3, 4, 5, 5.5, 6, 8, and 10.0mm. Available singly or 10 per outer **105550**

Box joint pliers
Manufactured from drop forged carbon steel. Hardened and tempered. Insulated grips, with seven position positive locking head. Length 250mm. 6 per display outer **105529**

8" combination plier
Drop forged. Fully polished heads. Double dipped cushion handles. Length 200mm. 10 per display outer **105527**

Side cutting pliers
Drop forged. Fully polished heads. Double dipped cushion handles. Length: 180mm. 20 per outer **105531**

10" adjustable wrench
Drop forged. Heat treated steel. Fully polished jaw faces. Rubber dipped comfort grip handle. 6 per display outer **105533**

Combination spanner set (5 pieces)
Drop forged, heat treated, and chrome plated (8, 10, 12 ,13, 17mm) Supplied on plastic storage rack. 12 per display outer **105560**

Stubby screwdriver set (38 pieces)
Consists of stubby ratchet screwdriver. Sizes include Star T10, T15, T20, T25, T27, T30, T40. Square 1, 2, 3. PZ0, PZ1, PZ2 x 2pcs, PZ3. PH0, PH2 x 2pcs, PH3 Hex H2, 3, 4, 5, 6, 1/8", 5/32", 3/16", 7/32", 1/4" Slot 3, 4, 5, 6, 7mm. 6 per display outer **105516**

Ratchet screwdriver (16 pieces)
Consists of a ratchet screwdriver, 50mm 1/4" Dr socket extension, 10 x 25mm screwdriver bits (slot 4, 5, 6mm, PH1, PH2, PH3, PZ1, PZ2, PZ3, 1/4" Dr adaptor), and 4 x 1/4" Dr sockets (5, 6, 10, 11mm). 10 per display outer **105515**

Cushion handle screwdriver set (2 pieces)
Consists of: 1 x 100mm crosspoint PH2 and 1 x 100mm slotted 6. Manufactured with Chrome Vanadium shaft and soft cusion grip. 10 per display outer **105517**

Screwdriver set (4 pieces)
Manufactured from carbon steel, with plastic handles. 1 x 75mm slot 5, 1 x 38mm slot 6, 1 x 75mm crosspoint PH1, and 1 x 38mm crosspoint PH2. 20 per display outer **105510**
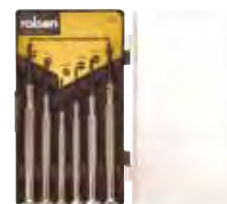
Screwdriver set (7 pieces)
Manufactured from chrome vandium, with cushion grip handles and magnetic tips. 1 x 100mm slot 5.5, 1 x 38mm slot 6.5, 1 x 75mm slot 3, 1 x 100mm PZ2, 1 x 38mm PZ2, 1 x 75mm PH1 and 1 x 38mm PH2. 6 per display outer **105511**

6 in 1 precision screwdriver
Simply select the desired bit and engage the blade by pushing the black button to the tip of the driver. Contains 6 x 25mm screwdriver bits (slot 1.5, 2, 2.5, crosspoint PH1, PH00, PH0). Available singly or 12 per outer **105518**

LED precision screwdriver
Aluminium screwdriver handle with LED straw light, 1500 MCD with pocket clip. Contains 6 x 25mm screwdriver bits (slot 1.5, 2, 3, crosspoint PH1, PH00, PH0). 4 x LR41 cell batteries supplied. 8 per outer **105514**

Precision screwdriver set
Contains 6 x precision screwdrivers (slot 1.4, 1.8, 2.3, 3, crosspoint PH0, PH1). 20 per display outer **105513**

rolson QUALITY TOOLS
Tools and Accessories

3 LED magnetic pick up tool
Easily retrieves small objects from confined areas. With 3 bright LED's to help retrieve metallic objects. Adjustable length extends from 170 to 545mm. Maximum weight capacity 2.27kg. Supplied with 3 x LR44 button cell batteries. 12 per outer **105588**

3.6kg magnetic pick up tool with LED
Adjustable length extends to over 700mm. Maximum weight capacity 3.6kg. Simply twist magnetic end to turn on/off LED. 12 per outer **105584**

Telescopic inspection mirror
Stainless steel tube with ABS protected mirror head. Mirror 42 x 65mm. Adjustable from 29 to 87cm. 2 LEDs on mirror head. Batteries supplied. 12 per outer **105589**

Safety utility knife
Spring activated blade that automatically returns to case after use. 12 per outer **105545**

Tape measure with key ring spirit level
3m x 16mm width blade. Impact resistant. With carry strap and belt clip, and thumb lock. 12 per outer **105537**

Tape measure with rubber cover
Automatic blade lock, push button retrieval, and belt clip. 12 per outer
5m x 19mm **105539**
7.5m x 25mm **105540**

Knife blade set
Standard two notch blades supplied in plastic containers. 20 pieces per pack. 24 packs per outer **105546**

Multi tool 12 in 1
Folds down to 100mm. Tools include: pliers, wire cutters, file, saw, small and large slotted screwdriver, knife, crosspoint screwdriver, fish scaler, hook, ruler, and canvas belt pouch. 6 per display unit **105522**

Multi function pocket knife
Contains: can opener, saw, scaler, hook, scissors, slotted and crosspoint screwdriver, bottle opener, corkscrew, needle, nail file, bradawl, knife, and canvas type pouch. 6 per display unit **105548**

9 function multi tool
Manufactured from stainless steel, with rubber inserts on grip. Nine functions include: knife, saw, nail file, bottle opener, hammer head, combination pliers, wire stripper, slotted screwdriver, crosspoint screwdriver. Complete with canvas type carry pouch. 6 per display unit **105523**

Mini multi tool set
Contains: Mini multi tool - 6 functions include: knife, bottle opener, saw, cross point screwdriver, pliers, and belt clip carabiner. Mini multi knife - 10 functions include: can opener, knife, scissors, bottle opener, slotted screwdriver, crosspoint screwdriver, corkscrew, nail file/cleaner, and supplied with key ring facility. 7 per display unit **105521**

9 in 1 Multi tool with axe
Manufactured from stainless steel, with wooden inserts. Nine functions include hammer, nut holder sizes 16 & 12mm, axe, cross point screwdriver, mini saw, file, ruler, and knife. Folded size 165mm, complete with canvas type pouch. 5 per display unit **105524**

Stubby claw hammer
Extra strong high grade carbon steel. Soft rubber grip. Magnetized nail holder. Weight 8oz. 12 per display unit **105501**

Stoning hammer 1Kg
Fibreglass shaft and rubber handle. 6 per outer **105505**

Stubby camping axe
450g. Manufactured from carbon steel. Ground cutting edge and TPR handle. 8 per outer **105504**

rolson Tools and Accessories

3 function pocket tool
Handy pocket tool that contains two double ended 45mm screwdriver bits (slot 3, 5, PZ1, PZ2). Item is flat on one side and has a built in spirit level. Complete with magnetic bit holder, LED light and pocket clip. 24 per display outer **105520**

Aluminium hacksaw
Easy release mechanism for removing and inserting blades. Aluminium alloy frame. Comfortable rubber handle. Blade adjusts to 6 cutting positions. Available singly or 40 per outer **105557**

Cable tie pack (150 pieces)
Nylon. Includes: 2.5 x 100mm (100), 2.5 x 160mm (25), 4.8 x 190mm (25). Available singly or 48 per outer **105559**

Spectacle repair kit
Contains: 4 x nose pads, 4 x side screws, and 4 x nose screws, double ended screwdriver (crosspoint and slot) and resealable container. 12 per display unit **105587**

Grommet assortment
For use in replacing worn or broken grommets in leaky taps, hoses and more. Black PVC construction. 140 assorted pieces. Includes: 30 x 6.4mm, 30 x 8.0mm, 30 x 9.5mm, 20 x 11.0mm, 20 x 12.5mm, 4 x 15.9mm, 3 x 22.2mm, 3 x 25.4mm. 6 per outer **105564**

Washer assortment
250 assorted pieces. Copper washer:10 x Ø4, 10 x Ø5, 10 x Ø6, 10 x Ø8, 5 x Ø10, 5 x Ø12. Lock washer: 30 x Ø4, 25 x Ø5, 15 x Ø6, 15 x Ø8, 10 x Ø10, 5 x Ø12. Flat washer: 30 x Ø4, 25 x Ø5, 15 x Ø6, 15 x Ø8, 10 x Ø10, 5 x Ø12. 6 per outer **105563**

Rolson 4 piece caulking tool kit
Complete with nylon brush with scraper & 3 piece sealant finishing tool. 8 per display outer **107086**

Rolson silicone scraper & tool
6 per display outer **107085**

Rigger glove
Heavy duty cuff and manufactured with protective leather on palm and fingers along with reflective strip across knuckle. 12 pairs per display outer **105555**

Gel knee pads
Industrial strength cap for easy movement. Thick memory foam for extreme comfort. Neoprene strap fastens below knee, one size fits all. Loop straps for extra secure fit. Available singly or 12 per outer **105556**

WOW Amazing value

Bike kit (5pc)
Contains: One 5 LED front light (3 x AA batteries not supplied), one 5 LED back light (2 x AAA batteries not supplied), one 10mm x 650mm PVC coated lock with 2 keys and two reflective bands with buckles (30 x 180mm)
Available singly or 4 per outer **106368**

7" eyelet plier set
Designed to punch and secure eyelets into many materials including sheeting, tarpaulins, and cloth. Complete with 100pc x 7mm eyelets. Length 190mm. 10 per display outer **105502**

Drain cleaner
For clearing blocked waste pipes, fully plated steel probe with integrated handle. 6mm² length 1800mm. 12 per outer **105553**

Fill no spill funnel
Simply clip on necks of most commonly used bottles for simple pouring of liquid without spillage. 12 per display unit **105590**

Wire brush
Heavy duty wire brush with brassed steel wire. Comfortable grip handle. 12 per outer **105595**

W4 fixings range

'Pack-it' stand complete with 10 of all 24 items below Part no. **103470**
All supplied 10 packs per outer

Self-Tapping Countersunk (5)

Size			Stainless Steel
½"	No.4	13 x 2.9mm	**103432**
½"	No.6	13 x 3.5mm	**103433**
¾"	No.6	19 x 3.5mm	**103434**
¾"	No.8	19 x 4.2mm	**103435**
¾"	No.10	19 x 4.8mm	**103444**
1"	No.6	25 x 3.5mm	**103436**
1"	No.8	25 x 4.2mm	**103437**
1"	No.10	25 x 4.8mm	**103438**

Self-Tapping Pan Head (5)

Size			Stainless Steel
½"	No.4	13 x 2.9mm	**103418**
½"	No.6	13 x 3.5mm	**103419**
½"	No.8	13 x 4.2mm	**103439**
¾"	No.6	19 x 3.5mm	**103420**
¾"	No.8	19 x 4.2mm	**103421**
¾"	No.10	19 x 4.8mm	**103441**
1"	No.6	25 x 3.5mm	**103422**
1"	No.8	25 x 4.2mm	**103423**
1"	No.10	25 x 4.8mm	**103424**

Polytop Pins (10)

¾" (20mm) plated	**103427**
¾" (20mm) plated bulk (500)	**013427B**
1" (25mm) plated	**103428**
1" (25mm) plated bulk (500)	**103428B**
1" (25mm) s/steel	**103416**

Screw Covers (5)
Plastic. To fit screw size 6 to 8, 4.2mm, Beige **103447**

Peel Rivet (5)
³⁄₁₆" X ³⁄₁₆". 4.8 X 30mm
103446

WOW All W4 pack-it items can be ordered loose at a preferential rate. Please speak to your sales contact for details.

Cavity fixer rubber (2) **103429**

Cavity fixer metal (2) **103430**

(W4) Door retainers

Lever release
Black **104797**
Grey **104796**
White **104795**

Quick release barrel
Black **104798**
Grey **104798G**

W4 metal barrel
To fit door thickness 27-31.8mm **104799**

W4 plastic barrel
To fit door thickness 27-31.8mm **104800**
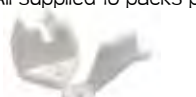
Catches and water

'Pack-it' stand complete with all 48 items below (except *) Part no. **104849**
All supplied 10 packs per outer

(W4)

Nylon door retainer 104801

Plastic door retainer 104802

Veneta door retainer 104803

Viva door retainer 104848

Extended Viva door retainer 104847

Magnetic catch 104823

Double roller catch (2)
Brown
104817

Rocker catch
White
104818

Panco catch
White
104819

Roller catch
Brown
104821

Mini latch
104822

Magnetic catch heavy duty
104824

Plastic turnbuckle 104810

Metal turnbuckle 104811

Plastic hinge (2)
Brown 1¾" (45mm)
104825

Flush hinge (2)
2" Bronze 50mm
104826
1½" Brass 38mm
104844

Cranked hinge (2)
2" Bronze 50mm
104827

Sliding door gliders
(tombstone)
104835

Push-in vent (2)
Beige 104815

Hexagonal vent (2)
Beige 104816

Pipe clip (5)
¼" (6mm)	**104828**
⅝" (16mm)	**104829**
¾" (19mm)	**104830**
1" (25mm)	**104831**
1¼" (31mm)	**104809**

Hose connector straight
½" (12mm) 104838
¾" (19mm) 104841

Hose connector Y
½" (12mm)	**104839**
¾" (19mm)	**104842**
28.5mm	**051139 ***

Hose clip (2)
000/M00 (8-16mm)
104832
00 (12-22mm)
104833
0X (16-27mm)
104834
1X (25-45mm)
104836

Gas bottle locker catch
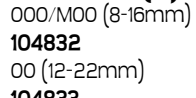plus padlock
104808

Sink top retainer
104812

Cupboard stay
150mm **104846**

Hose sealing sleeve
23.5mm 104806
28.5mm 104807

Hose connector elbow
½" (12mm) **104805**

Combination padlock
104813

Target leveller
Adhesive **007297**
Magnetic **007298 ***

Air bed plugs
109480

Universal tap connector
104845

Hose connector T
½" (12mm) 104840
¾" (19mm) 104843

Hose connector reducer
⅜" X ½" (10 x 12mm)
104837

Catches and fittings 2

'Pack-it' stand complete with 10 of all 24 items below Part no. **104898**
All supplied 10 packs per outer

Table support catch
104855

Double roller catch
Metal **104857**

Pegaline catch
104856

Decmo catch
104860

Cord locks (2)
109479

Wardrobe rail support end (2)
⅝" (16mm)
104850

Flush hinge with finials (2)
Brass 2" (50mm)
104864

Flush hinge with finials (2)
Bronze 2" (50mm)
104865

Flush hinge
Brass 2" (50mm)
104862

Cranked flush hinge (2)
Brass 2" (50mm)
104863

Nylon hinge (2)
2" (50mm)
104868

Barrel hinge (2)
104867
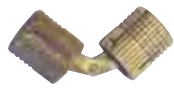
Concealed hinge (2)
12mm **104881**

Brass bolt
2" (50mm)
104872

Brass necked bolt
2" (50mm)
104873

Turnbuckle set
104870

Turnbuckle spacer
104869

Single turnbutton (2)
104852

Identitags (4)
001135

Metal cupboard stay
140mm **104853**

Locker stay (1)
130mm **104861**

Lock cover (2)
104854

Cupboard door stops (12)
104871

Suction cup and hook
2 per pack **104859**

Catches, hinges and fasteners

WOW All packaged with Grove logo • 10 packs per outer

Nylon door retainer
104002

Viva door retainer
104004

Plastic door retainer
104011

External catch
104790

Roller catch
Brown **104106**
White **104107**

Turn button, spacer & striker
Beige **104030**
Ivory **104033**

Plastic turnbuckle
104037

Metal turnbuckle
104048

Stable door catch beige
104015

Double roller catch (2)
104108

Metal cupboard hinge
104200

Metal overhead stay
104202

Cupboard stay
150mm **104301**

Kitchen flap support bracket
104323

Table storage bracket (2)
104187

Stable door bolt
104176

Greenfield latch
104132

Sink top clip
051239

Panco catch
104077

Anti rattle fastener (2)
104019

Flush hinge (2)
Bronze 2" (50mm)
104220

Butt hinge (2)
With stainless steel pin 2" (50mm)
104229

Plastic flap hinge (2)
104209

Cranked flush hinge (2)
50mm
104222

Push Locks

Push lock Single
With one side opening.
Cupboard catch opens
from outside only

White	**103500**
Brown	**103502**
Matt Nickel	**103504**

Mini push lock single
With one side opening.
Cupboard catch opens from
outside only

White	**103522**
Brown	**103524**
Matt Nickel	**103526**

Push lock double
With dual side opening.
Toilet door catch opens
from both sides

White	**103512**
Brown	**103514**

Push lock with rod
3 point locking. For long cupboards, use single side opening. For toilet doors, use dual side opening. Includes fittings. Rod length 2m

White	Single Sided	**103506**
White	Double sided	**103518**
Brown	Single Sided	**103508**
Brown	Double sided	**103520**
Matt Nickel	Single sided	**103510**

Button and rose
Button 23mmØ x H 19mm
Rose 38mmØ x H 7.5mm

Chrome	**103528**
Brown	**103530**
Brass	**103532**
Matt Nickel	**103534**

Mini button and rose
Button 16mmØ x H 16mm
Rose 24.5mmØ x H 7mm

Matt Nickel	**103536**
Brown	**103538**

REMIS Blind and rooflight spares

Remis clip grey
Closing clip for
Remismart
105200

Remis clip grey
Closing clip for
Remistar
rooflight
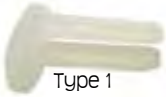**105222**

Remis end cap
Left **105202**
Right **105204**
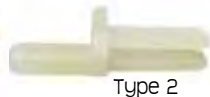
Remis end cap covers
105206

Remis spring mechanism
105216

Remis insert type 1
105210

Type 1

Remis insert type 2
105212

Type 2

Remis additional spare parts
105220

Remis repair kit
105214

Remis mechanism end supports
105218

Remis mechanism (2)
105208

SEITZ Window blind spares

Retaining knob
105224

Long handle
105226

Blind lock long
105232
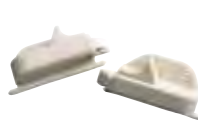
Blind lock
105254
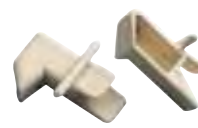
Retaining hook
105252

Guides
Left and Right
105234

End cap cover
Left **105228**
Right **105230**

Rail end
Left **105248**
Right **105250**

End piece
105240

Clip beige
105244

Mechanism (end)
105236

Spring 285mm
105242

Spring 295mm
105246

Spring 360mm
105238

Window fittings and accessories

POLYPLASTIC
ACRYLIC SOLUTIONS

All polyplastic window fittings are available in either a 'standard' screw-on fitting or the more recent variant of the slide-on 'Polyfix' design.

The slide-on 'Polyfix' design are easily recognisable by the deep groove moulded into the back of the window fitting. It is this that slides over the adaptor fitted to the window.

Moulded groove

A   B

How to measure

Stay lengths are found by measuring between points A and B as shown here.

Blister packed

All Polyplastic window stays are sold blister packed in pairs unless otherwise stated.

Screw on fitting
Supplied in pairs with all fittings unless otherwise stated

Tube stays with lever lock
End detail

Size	Polyplastic no.	Grove no.
200mm	9.00.152.00.00.	**105300**
300mm	9.00.154.00.00.	**105303**

Tube stays with perma-fix end
End detail

*Right hand stay only no fittings

Size	Polyplastic no.	Grove no.
140mm	9.00.751.00.00.	**105310**

Auto stays with lever lock
End detail

Size	Polyplastic no.	Grove no.
230mm	9.00.162.00.00.	**105305**
280mm	9.00.164.00.00.	**105308**

Auto stays with perma-fix end
End detail
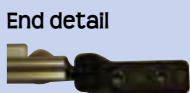
Size	Polyplastic no.	Grove no.
210mm	9.00.766.00.00.	**105312**
300mm	9.00.768.00.00.	**105315**

Lever lock catch

Item	Polyplastic no.	Grove no.
Catch complete	9.00.451.90.	**105322**

Polyfix slide on fitting
Supplied in pairs of stays only - no fittings

Tube stays with lever lock
End detail

Size	Polyplastic no.	Grove no.
200mm	9.05.152.00.00.	**105350**
300mm	9.05.154.00.00.	**105353**

Tube stays with perma-fix end
*Right hand stay only
End detail
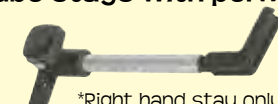
Size	Polyplastic no.	Grove no.
140mm	9.05.751.00.00.	**105360**

Auto stays with lever lock
End detail

Size	Polyplastic no.	Grove no.
230mm	9.05.162.00.00.	**105355**

Auto stays with perma-fix end
End detail

Size	Polyplastic no.	Grove no.
200mm	9.05.766.00.00.	**105362**

Lever lock catch

Item	Polyplastic no.	Grove no.
Catch only	9.05.451.00.	**105372**

Other window accessories

200 series toggle catch

Polyplastic no.	Grove no.
9.00.440.90.	**105320**

Supplied as packed singles with all fittings

Lock plate (2)

Item	Polyplastic no.	Grove no.
Large	9.00.715.00.00.	**105326**
Small		**105324**

Pop-out window stay

Polyplastic no.	Grove no.
9.00.715.00.00.	**105318**

Supplied as packed singles with all fittings

End caps Polyplastic (2)
Loose, black
105398

End cap cover
Loose, brown
105396

Workshop
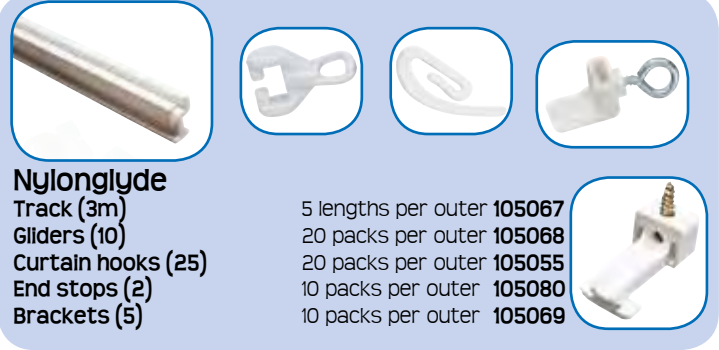
Curtain track and fittings

Furniglyde
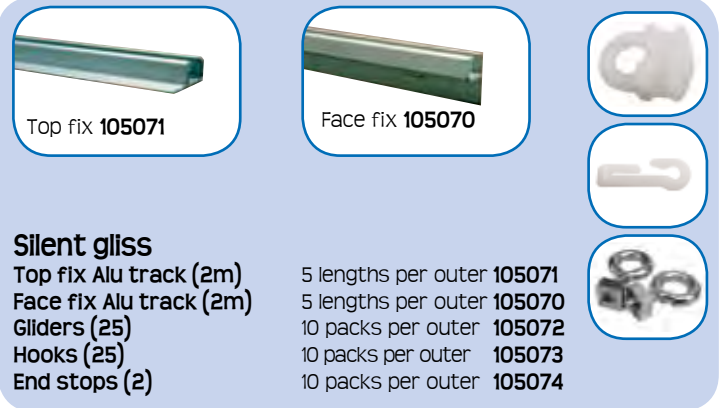|		
Track (2.5m)	5 lengths per outer	**105011**
Gliders (20)	10 packs per outer	**105033**
Button hooks (20)	10 packs per outer	**105022**
End stops (2)	10 packs per outer	**105044**
Curtain hooks (25)	20 packs per outer	**105055**

Nylonglyde
Track (3m)	5 lengths per outer	**105067**
Gliders (10)	20 packs per outer	**105068**
Curtain hooks (25)	20 packs per outer	**105055**
End stops (2)	10 packs per outer	**105080**
Brackets (5)	10 packs per outer	**105069**

Top track **105005**

Bottom track **105006**

Visa curtain system
Top track (2m)	5 lengths per outer	**105005**
Bottom track (2m)	5 lengths per outer	**105006**
Pop-it tape	25m roll	**105009**
Pop-it tape	200m	**105010**
End stops (2)	20 packs per outer	**105007**

Top fix **105071**

Face fix **105070**

Silent gliss
Top fix Alu track (2m)	5 lengths per outer	**105071**
Face fix Alu track (2m)	5 lengths per outer	**105070**
Gliders (25)	10 packs per outer	**105072**
Hooks (25)	10 packs per outer	**105073**
End stops (2)	10 packs per outer	**105074**

Awning rail

Aluminium awning rail
2.12 metre lengths. 4mm opening. 9mm internal diameter, 12mm external.
10 lengths per outer
105099

Plastic awning rail
Pre-drilled 2.5 metre lengths
10 lengths per outer
105088

Sprite curtain clips (20)
For use with curtain wire
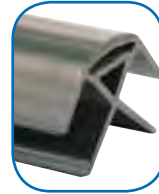10 packs per outer **105077**

Panel Trims

Panel trim 15mm
With single lip. Supplied in 10m lengths
Brown **105184**
Grey **105186**

Sealing panel trim 15mm
With sealing rubber. Supplied in 10m lengths
Brown **105188**
Grey **105190**

Door sealing panel trim 15mm
With sealing bubble for doors. Supplied in 10m lengths
Brown **105192**
Grey **105194**

Corner Trim 16mm
2.2m lengths
Brown **105196**
Grey **105198**

Table strip

Two part table hinge length 600mm
105167

Window trim

White plastic supplied in 10m rolls. Please note that the trim is measured by the size of the wood that the trim fits over and not the size of the trim.
30mm - 1⅕"		**105130**
35mm - 1⅖"		**105135**
39mm - 1½"		**105139**
45mm - 1¾"		**105145**

Battery box seal

Supplied in 2m lengths. Pre-masticated
105170

Steps

Single step
Rigid metal based step light in weight but sturdy construction.
H260mm x W395mm x Overall depth 415mm.
Capacity 150kg maximum total load.
Available singly or 10 per outer **106198**

Double step
Rigid metal based step light in weight but sturdy construction.
H350mm x W440mm x Overall depth 760mm.
Capacity 150kg maximum total load.
Available singly or 5 per outer **106211**

Folding step stool
Stool is designed to fold flat for easy carrying and storage, with a capacity up to 200lbs, also very sturdy and robust. 20 per outer
106220

Flat packed double step
Space saving double step, folds flat for easy storage when not in use. 12 connection points (no tools required) for extremely sturdy performance.
H350mm x W440mm Overall depth 760mm.
Capacity 150kg maximum total load.
Available singly or 5 per outer **106219**

FIAMMA Steps and accessories

Fiamma magnum step
Oversized and reinforced step. HxWxD 24 x 58 x 40cm. Top surface - 48x28cm. Approved to hold 200kg. Colour platinum.
Available singly or 10 per outer **106201P**

Fiamma step mat
Made of soft and flexible anti-skid UV resistant rubber.
Dimensions 45 x 27cm
106205

Fiamma LED step light 12v
Low consumption lighting system for the entrance of the motor home, to increase safety of the steps and step wells. Made from anodized aluminium, it can be shortened from 50 to 23 cm **106204**

FIAMMA Table leg system

106001

106036

106039

106024

106038

Fiamma table leg system

The 70cm table leg is made from sturdy anodised aluminium – the leg can be cut to reduce height. It is supplied with two plastic caps. The above floor and recessed bases are also aluminium and supplied with self-threading fixing screws. There is also a reinforced and more stable tripod base for outside use.

Table leg 70cm aluminium **106001**
Above floor base aluminium **106024**
Recessed base aluminium **106036**
Cap for recessed base **106038**
Tripod base brown **106039**

Table legs

Island table leg system
26" stainless steel **106004**
28" chrome plated **106014**

Island leg clip
106093

Above floor base
Silver **106025**

Recess base
Silver **106037**

FIAMMA Ladder

37 cm
70 cm
125 cm
245 cm
25 cm
19 cm
32 cm

Deluxe 5D ladder
High quality exterior ladder in anodized aluminium with 10 steps. Inside width: 24cm. Total step width: 31cm. Non-skid steps. It can be folded up while travelling.
106225

Free standing table legs
Folding table leg, powder coated steel 660mm high. Square section. Available singly or 5 per outer
Silver sand **106091**
Brown **106092**

Folding table leg
Tubular steel leg 26". Available singly or 5 per outer
106099

Single table leg
27" but can be cut to size required. Available singly or 5 per outer **106115**
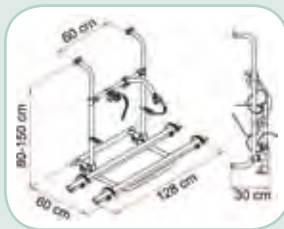
FIAMMA CARRY-BIKE®

Carry bike Pro
Specially reinforced for strength and with its telescope rail support, can be extended up to 74cm from the vehicle wall. Sturdy rail support in stainless steel. Standard version for 2 bikes (supplied with bike blocks 1 & 3), addition of a further 2 rails means up to 4 bikes can be carried. Certified to carry up to 60kg **106353**

Carry bike Pro C
More compact design than the pro C for a built to last premium quality carrier. Suitable for installation under the rear window with the removal of the upper part. Standard version for 2 bikes (supplied with bike blocks 1 & 3), addition of a further 2 rails means up to 4 bikes can be carried. Certified to carry up to 60kg **106354**
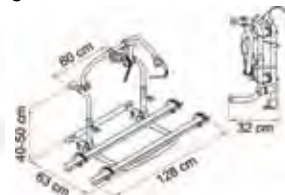
Carry bike 200 DJ
For vans with double rear doors, not necessary to drill holes in the vehicle except for the security screws. Rear door can be opened without removing the bikes. Can be combined with the Deluxe 6 DJ ladder. Supplied with 2 premium rails, 2 bike blocks (106362 bike blocks 1 & 2, 106364 bike blocks D1 x 2), a rack holder, installation bracket and fixing-bar. Certified to carry up to 35kg

Fiat Ducato after June 2006 **106362**
Fiat Ducato, Peugeot Boxer, Citroen Jumper/Relay and Ford Transit after 2000. Also Mercedes Sprinter before 06/2006 **106364**
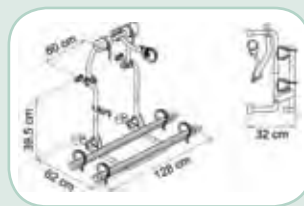
Carry bike UL
Universal bike carrier with compact dimensions, suitable for both caravans and motor homes. Supplied with bike block 3 and rack holder to carry 2 bikes. Can be cut and shortened or adjusted to fit various installation heights. Certified to carry up to 55kg **106352**
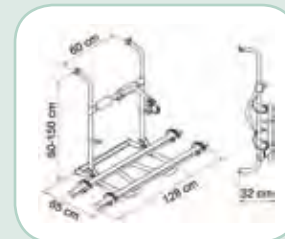
Carry bike Trigano - CI - Roller Team
Provided with a fixed structure and height of 39.5cm it comes without the upper and lower fixing kit (with wheelbase of 60cm) that is already installed only on C1 & Roller Team. Supplied with 2 rail quick red, bike block 3, rack holder & security strip. Certified to carry up to 50kg **106355**

Carry bike L80 Laika
Special version of bike carrier Pro C with 80cm wheelbase, suitable for Laika motor homes. Supplied with 2 rail quick 128 red, 2 bike blocks (1 & 3), 2 rack holder & security strip. Certified to carry up to 60kg **106357**
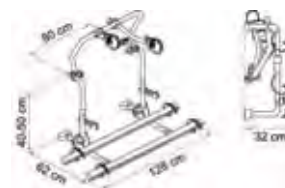
Carry bike caravan XL A
Fits all caravans with a standard A frame, Hobby type (with extended frame) and new AL-KO frame. Carries 2 bikes. Pivots forward allowing access to the storage compartment. The installation does not require drilling. Supplied with 2 fastening strips to fix the bikes. Certified to carry up to 35kg **106366**

Carry bike caravan XL A Pro 200
Carries 2 bikes. Pivots forward allowing access to the storage compartments, even with the bikes mounted. Supplied with 1 quick and 2 mini rail, 1 Strip for the first bike, 1 Bike block 2 for the second bike. Certified to carry up to 50kg **106367**
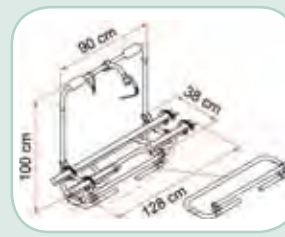
FIAMMA CARRY-BIKE® accessories

Bike block Pro
New and improved rapid and safe bicycle fixing system. The quick front clasp with its large base adapts to all round and oval bike tubes having diameters of 25 to 100mm. Suitable for all Carry bike models.

Bike block 1 **106372**
Bike block 2 **106373**
Bike block 3 **106374**
Bike block 4 **106375**

Rail quick 128 red
Sturdy rail 128cm in length with reinforced double thick base. Easy to install on the Carry bike thanks to its ready drilled holes. Complete with 2 sliding quick-safe strips **106386**

Rail quick C red
Telescopic rail can be adjusted to the desired extension, adustable from 101 to 167cm. Supplied with 2 quick safe straps. Ideal to limit rail overhang. It can be easily installed on almost all bike carriers **106387**

Fiamma quick-safe
Sliding safety lock system. Can be installed only on original Carry bike reinforced rails. Will not rust **106390**

Carry bike support Bar
Kit of 2 perforated smart bars to fix the carry bike on the walls of the motor homes. Made of sturdy and light anodized aluminium. Complete with through screws, internal fixing brackets and end caps. Dimensions 74 x 4cm **106393**

Fiamma bike cover S
Reinforced polyester material. It is lightweight and waterproof. It adapts to load size thanks to its adjustable straps. Comes with a transparent pocket to insert the rear signal plate. Not suitable for roof mounted bike racks. Covers 2-3 bikes. Colour platinum **106370**

Rear signal
For motorhomes, caravans and 4-wheel drive vehicles. Made from lightweight plastic material with 4 reflectors. 50 X 50cm **106395**

Bike rail end cap
Red **106377**

Carry bike Top fixing kit **106394**

Fiamma strip kit
Kit of 2 original strips with stainless steel 18/10 buckle. Fits the majority of cycle carrier brands. Length 39cm. Width 13mm. 2 per pack **106388**

Bicycle accessories

Bike kit (5pc)
WOW Amazing value

Contains: One 5 LED front light (3 x AA batteries not supplied), one 5 LED back light (2 x AAA batteries not supplied), one 10mm x 650mm PVC coated lock with 2 keys and two reflective bands with buckles (30 x 180mm)
Available singly or 4 per outer **106368**

Deluxe bicycle cover
Water resistant nylon cover to protect up to two bikes. It has two Velcro flaps to allow it to be mounted on most bike carriers. Two webbing straps tighten the cover to reduce flapping when being transported. Dimensions 190cm x 140cm **106399**

W4 Hi-vis cargo straps
A pair of highly visible, quick to use velcro straps. Simply thread the strap through the nylon buckle, adjust to size and fasten it back on itself. Length 400mm **109514**

W4 Cargo straps
A pair of retaining straps (3m approx) with durable nylon grip-lock buckles - won't mark or scratch **109513**

Witter cycle carriers

ZX89
Fitted and removed in seconds, holds up to 3 or 4 cycles depending upon the type and size. Maximum load 65kg. Flanged bracket fits behind the towball, designed to be used whilst towing. Supplied complete with individual cycle retaining clamps **106301**

ZX99
Specification as ZX89 but designed for vehicles with a rear mounted spare wheel and a small overhang (up to 110mm) e.g. Landrover Discovery **106303**

WOW Display stand available. Please speak to your sales contact for more details.

Assorted accessories

Fiamma Drip stop
Prevents black streaks from forming on the side of the vehicle. Made from a wide based polyvinyl. Superior quality adhesive and aluminium reinforced strips guarantee long life and hold over time
75cm **108277**
300cm **108278**

Motorhome dirt skirt
Keeps the rear of the motor home including windows and cycles clean, protecting against dirt, splashes and slush. Kit contains 2 lengths of dirt skirt 122cm wide x 57cm deep **106400**

FIAMMA — First Choice — Canopies

Canopies	F45 S (see page S6)	F45 L (see page S6)	Caravan-store (see page S4)	Fiamma Zip (see page S10)	Caravan-store Zip (see page S9)
Vehicle					
Motorhomes and Motorcaravans	●	●		●	
Caravan	●	●	●	●	●
Vans, 4x4s and cars	●				
Characteristics					
Maximum length cm	450	550	440	450	440
Maximum extension cm	250	250	225	250	225
Minimum weight kg	13	38.8	6.1	27.5	9.1
Maximum weight kg	30	46.2	13	39	13.1
Installation kit	●	●		●	
Winch opening	●	●		●	
Manual opening			●		●
Support arms (to the wall)	●	●	●	●	●
Support legs (to the ground)	●	●	●	●	●
Auto lock	●	●		●	
Dual security	●	●		●	
One way roll	●	●		●	
Dual shock-absorber	●	●		●	
Presto-fix	●	●		●	
Double guide	●	●	●	●	●
Case box					
Aluminium box (Polar White or Titanium)	●	●		●	
Soft box, grey PVC			●		●
Canopy colour					
Deuxe Grey or Blue Ocean	●	●	●	●	●
Sahara, Evergreen, Bordeaux or Pearl Grey	● (special order)	● (special order)			
Enclosures					
Enclosure (Privacy Room)	● (S7)	● (S7)	● (S4)	●	●
Blocker Pro	● (S7)	● (S7)	● (S5)		
Side blocker (Side W pro)	● (S7)	● (S7)	● (S5)		
Side blocker (Side W)	● (S7)	● (S7)	● (S5)		

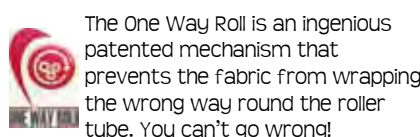● Standard   ● Optional (page no.)

Case colours

Polar White   Titanium   Deep Black

Case: in extra strong extruded aluminium. Very light yet highly resistant with external Polar White, Titanium or Deep Black coating.
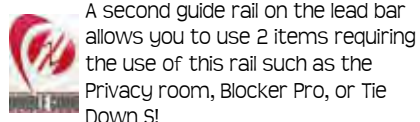
HARD BOX

CARAVANSTORE FIAMMA

SOFT BOX Reinforced bag with anti-scratch tape and wall fixing kit in rubber!

ONE WAY ROLL The One Way Roll is an ingenious patented mechanism that prevents the fabric from wrapping the wrong way round the roller tube. You can't go wrong!

DOUBLE GUIDE A second guide rail on the lead bar allows you to use 2 items requiring the use of this rail such as the Privacy room, Blocker Pro, or Tie Down S!

Canopy colours

Deluxe Grey

Blue Ocean

**Sahara**
Evergreen
Bordeaux
Pearl Grey

Italian Design anti-scratch canopies printed on both sides and along the whole length in vibrant colours, without seams and high resistance to UV rays.
*Deluxe Grey and Blue Ocean held in stock, other colours available by special order. Lead times will vary.

LEGS IN The legs are inside the rollertube, easy to take out and install as they are hinged and telescopic, so they cannot fall down or be lost.
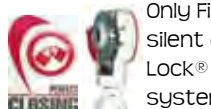
PERFECT CLOSING Only Fiamma awnings have a silent opening TÜV certified Auto-Lock® self-locking winch safety system: with its long life Aluminium mechanical parts it offers a quality product vastly superior to other comparable mechanisms on the market. The security of Fiamma awnings is also guaranteed by the Dual Security® system. The device indicates the correct closure of the facia by two small plastic flags inside the side end caps.

Anti-scratch coat
Printed vinyl
Adhesive
Strong Polyester fabric
Adhesive
Printed vinyl
Anti-scratch coat

UV RESISTANT

PRESTO FIX Only Fiamma has the new patented adjusting system that enables you to adjust the closing of the facia. If over a period of time, one side should stop closing perfectly due to fabric and arm movements, you can use Presto Fix to realign it.
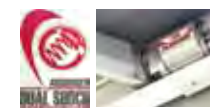
DUAL SHOCK Only Fiamma has the Dual Shock-Absorber® which protects both your vehicle and your awning. The arms are fixed with the certified double bolts system "Double Block" which grants more stability and ease of tensioning.

Automotive & motorhome

CARAVANSTORE FIAMMA

Blue Ocean

Deluxe Grey

The easy to use, sturdy and lightweight bag awning with manual operation. The only awning for caravans and minivans with tubular rewind for wrinkle-free fabric. The Fiamma Caravanstore is easy to use and install: it takes only seconds to roll it out completely. The legs are inside the rollertube, easy to take out and install as they are hinged and telescopic, so they cannot fall down or be lost. The roller can be rolled-up either way. Thanks to its patented wide roller the Caravanstore is easy to unroll and roll up, and above all the fabric is wrinkle-free!
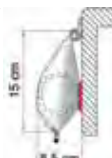
1 Open the bag to slide easily into the existing awning rail!

2 Position the canopy!

3 Roll out and raise!

4 Pull out leg and roof bar from each side!

5 Position telescopic leg and roof bar on each side!

SOFT BOX | LEGS IN | DOUBLE GUIDE

	Awning length A	Canopy length B	Canopy Extension C	Weight kg	Deluxe Grey	Blue Ocean
Caravanstore 190	196 cm	162 cm	180 cm	5.4	108201/DG	108202/BO
Caravanstore 225	236 cm	202cm	225 cm	7.1	108203/DG	108204/BO
Caravanstore 255	266 cm	232 cm	225 cm	7.6	108205/DG	108206/BO
Caravanstore 280	288 cm	254 cm	225 cm	7.8	108207/DG	108208/BO
Caravanstore 310	318 cm	284 cm	225 cm	8.3	108209/DG	108210/BO
Caravanstore 360	369 cm	334 cm	225 cm	9.5	108211/DG	108212/BO
Caravanstore 410*	419 cm	384 cm	225 cm	10.1	108213/DG	108214/BO
Caravanstore 440**	449 cm	414 cm	225 cm	10.7	108215/DG	108216/BO

*Caravanstore 410 comes with one caravanstore centre rafter included.
**Caravanstore 440 comes with one caravanstore centre rafter and one caravanstore support leg included.

PRIVACY ROOM CS Light

Easy installation. The side panels have large roller blind windows with mosquito nets. The front panel, with a large openable window and mosquito screen, slides in the front rail of the roller tube and thanks to the auto-lubricant zippers it's easy to fasten the side panels. Standard delivered with the Fast Clip CS installation kit, pegs and elastic kit, Ocean curtains for the front windows and a mega bag light.

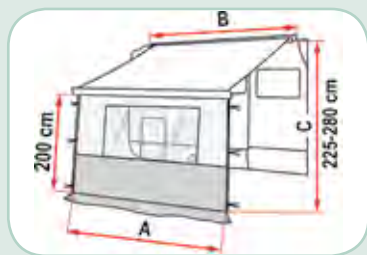| Privacy room CS Light	Length A	Height B	Part no.	Weight kg
Privacy 280	288 cm		108208P	11.6
Privacy 310	318 cm		108210P	11.8
Privacy 360	369 cm	240 to 260 cm	108212P	12.3
Privacy 410	419 cm		108214P	12.8
Privacy 440	449 cm		108200P	13.3

280 cm | 310 cm | 360 cm | 410 cm | 440 cm

Quick Lock

The Fast Clip CS is especially designed for Fiamma Privacy Room CS Light. It works using a sandwich system of hinged profiles locked in placed by a Quick Lock spring system. The side panels of the Privacy are quickly and easily joined with the fabric of the awning. Made from anodized aluminium.

Caravanstore blockers & sides CARAVANSTORE

Blocker Pro
The Blocker Pro is a front panel equipped with one large full light crsytal window and vinyl extension to the floor. Simply slides along the guide rail of the canopy and ties onto the awning's legs for stability. It gives you more privacy and more protection from the wind. Made of anti-rot vinyl, washable fabric with UV protection. Comes with elastic hooks and pegs.

Side W Pro
The Side W Pro is a side panel made of anti-rot vinyl, washable fabric with UV protection. Equipped with one large full light crsytal window and vinyl extension to the floor. Simply attaches to the roof pole and ties onto the leg pole. Comes with telescopic tension rafter, elastic hooks and pegs..

Side W
The Side W Pro is a side panel made of anti-rot vinyl, washable fabric with UV protection. Equipped with one large full light crsytal window. Simply attaches to the roof pole and ties onto the leg pole. Comes with elastic hooks and pegs.

Description	Canopy length A	Case length B	Height C	Part no.	Weight kg
Blocker Pro 255	235 cm	255 cm	225-280 cm	108302	2.7
Blocker Pro 280	255 cm	280 cm	225-280 cm	108301	3.0
Blocker Pro 310	285 cm	310 cm	225-280 cm	108303	3.2
Blocker Pro 360	335 cm	360cm	225-280 cm	108304	3.8
Blocker Pro 410	385 cm	400 cm	225-280 cm	108305	4.5
Blocker Pro 440	415 cm	440 cm	225-280 cm	108306	4.9
Side W Pro	Depth 210 cm		225-280 cm	108215	4.5
Side W	Depth 210 cm		225-280 cm	108216	3.9

Accessories CARAVANSTORE

Caravanstore rafter
Anodised aluminium with 30mm diameter Adjustable length: 142-265 cm. Suitable for extensions up to 250cm and for length up to 550 cm **108221**

Wall brackets
Aluminium wall mounting brackets for support legs **108265**

Caravanstore plastic leg pins
108224

Tie down kit S
Strap kit allowing a solid anchoring of the awning to the ground. Fits into the awning guide or the side clip of the Privacy Room. Includes: 2 adjustable black straps (3m), 2 stakes with 2 tension springs and 2 front hooks **109502**

Fiamma rope kit
108223

Caravanstore end stops
Prevents the Caravanstore moving in transit **108222**

Caravanstore rubber foot
For the end of the Caravanstore rafter **108227**

Fiammastore plate
Ideal for fixing the front legs to the ground, in order to increase the resistance in case of strong wind and to protect the legs. Made with extra strong plastic. Dimensions: 20cm x 20cm **108226**

Repair kit plus
This kit makes DIY repairs so easy with its 3 transparent PVC strips **108271**

Mega bag light
Strong bag in lightweight material, suitable for transporting Privacy Light. Dimensions 140 x 25 x 25cm **108308**

Awning pegs kit
Range of screw pegs ideal for awnings, enclosures and mats. Made from UV resistant plastic. Kit includes drill chuck key, 8 x 20cm and 8 x 14cm screw pegs. 8 x hooks, 2 awning plates and carry bag **108309**

Caravanstore Hobby kit
Kit to fix Caravanstore to Hobby and other caravans **108139**

Awning hangers kit
6 hooks to insert in the lead bar profile to hang light objects **109503**

Automotive & motorhome

FIAMMA F45S   **FIAMMA F45L**

The easy-to-use awning which joins todays best technologies, service and quality! Constantly renewed, the F45 S awning is compact, functional, and of superior quality, assuring it to be the best choice for your holidays! The F45 L has the same specification with a larger roller tube and larger case.
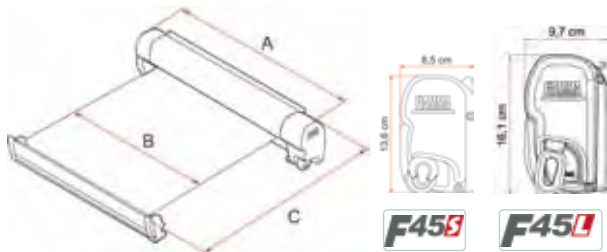
Blue Ocean

Deluxe Grey

FIAMMA F45S

Manual winch operation

HARD BOX · PRESTO FIX · DUAL SHOCK

ONE WAY ROLL · PERFECT CLOSING · DOUBLE GUIDE

Feature	Description
Roller support means the canopy always stays tight	
Extra strong arms	
Secure lock	
Reinforced leg knuckle	
Arms preset to take wiring for lighting	
Drip moulding	

Deluxe Grey and Blue Ocean readily available. Other colours available by special order. Please ask your sales contact for lead times.

Sahara
Evergreen
Bordeaux
Pearl Grey

WOW Standard delivered with installation brackets (Kit AS), other kits available see page S8. For front blockers, side blockers, Privacy rooms and other accessories to fit the F45 S please see pages S8 and S9.

8.5 cm · 9.7 cm · 13.6 cm · 16.1 cm

F45S   **F45L**

Polar White   **Titanium**   **Deep Black**

F45**S**	Awning length A	Canopy length B	Canopy Extension C	Weight kg	Polar White Casing Deluxe Grey Canopy	Polar White Casing Blue Ocean Canopy	Titanium Casing Deluxe Grey Canopy	Titanium Casing Blue Ocean Canopy	Deep Black Casing Deluxe Grey Canopy
F45 S 260	263 cm	247 cm	200 cm	19.5	108233/PW/DG	108233/PW/BO	108233/T/DG	108233/T/BO	108233/B/DG
F45 S 300	308 cm	292 cm	250 cm	23	108240/PW/DG	108240/PW/BO	108240/T/DG	108240/T/BO	
F45 S 350	348 cm	331 cm	250 cm	25	108248/PW/DG	108248/PW/BO	108248/T/DG	108248/T/BO	
F45 S 400*	398 cm	381 cm	250 cm	27	108256/PW/DG	108256/PW/BO	108256/T/DG	108256/T/BO	
F45 S 450*	448 cm	431 cm	250 cm	30	108257/PW/DG	108257/PW/BO	108257/T/DG	108257/T/BO	

*1 tension rafter made from anodised aluminium included

F45**L**	Awning length A	Canopy length B	Canopy Extension C	Weight kg	Polar White Casing Deluxe Grey Canopy	Polar White Casing Blue Ocean Canopy	Titanium Casing Deluxe Grey Canopy	Titanium Casing Blue Ocean Canopy
F45 L 450*	452 cm	435 cm	250 cm	38.8	108272/PW/DG	108272/PW/BO	108272/T/DG	108272/T/BO
F45 L 500*	502 cm	485 cm	250 cm	42.5	108273/PW/DG	108273/PW/BO	108273/T/DG	108273/T/BO

*1 tension rafter made from anodised aluminium included

The Fiamma Privacy Room is the only enclosure that allows full aeration on all windows. With the Privacy Room you can transform your awning into a comfortable living area. The side panels are quickly put together with the exclusive patented Fast Clip that combines the canopy with the side walls. No other fixing system is as stable. A protective sponge is fitted, vertically, on the back part of the side panels along the support pole to guarantee a close fit. The front panel slides into the guide rail of the awning and thanks to the auto-lubricant zippers it's easy to fasten the side panels. Standard delivered with the Fast Clip installation kit, pegs and elastic kit, Ocean curtains for the front windows and a mega bag light.

PRIVACY ROOM

250/260/300 cm   350 cm   400 cm   450 cm   500 cm   550 cm

The Fast Clip for a quick and easy installation. It works using a sandwich system of hinged profiles locked in placed by a Quick Lock spring system. The side panels of the Privacy are quickly and easily joined with the fabric of the awning. Made from anodized aluminium.

Side door panel right

Quick Lock

Privacy room	Length A	Height B	Extension C	Part no.	Weight kg
Privacy 300 Medium	300 cm		250 cm	**108283**	24.4
Privacy 350 Medium	350 cm		250 cm	**108285**	24.9
Privacy 400 Medium	400 cm	225 to 250 cm	250 cm	**108287**	25.4
Privacy 450 Medium*	450 cm		250 cm	**108289**	25.9
Privacy 300 Large	300 cm		250 cm	**108284**	24.7
Privacy 350 Large	350 cm		250 cm	**108286**	25.2
Privacy 400 Large	400 cm	251 to 280 cm	250 cm	**108288**	25.7
Privacy 450 Large*	450 cm		250 cm	**108291**	26.2
Privacy 500 Large*	500 cm		250 cm	**108293P**	26.7
Side door panel right - Medium		225-250 cm	250 cm	**108310**	3.9
Side door panel right - Large		251-280 cm	250 cm	**108311**	4.5

*Privacy Rooms 450 and larger come delivered with a vertical telescopic door pole
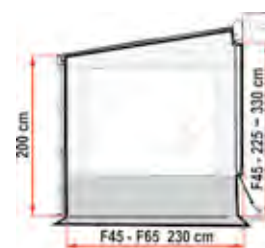
F45 blockers & sides F45S

Blocker Pro

The Blocker Pro is a front panel equipped with one large full light crsytal window and vinyl extension to the floor. Simply slides along the guide rail of the canopy and ties onto the awning's legs for stability. It gives you more privacy and more protection from the wind. Made of anti-rot vinyl, washable fabric with UV protection. Comes with elastic hooks and pegs.

Side W Pro

The Side W Pro is a side panel made of anti-rot vinyl, washable fabric with UV protection. Equipped with one large full light crsytal window and vinyl extension to the floor. Simply attaches to the roof pole and ties onto the leg pole. Comes with telescopic tension rafter, elastic hooks and pegs.

Description	Canopy length A	Case length B	Height C	Part no.	Weight kg
Blocker Pro 250	235 cm	260 cm	225-280 cm	**108302**	2.7
Blocker Pro 260	247 cm	260 cm	225-280 cm	**108300A**	2.8
Blocker Pro 300	285 cm	300 cm	225-280 cm	**108303**	3.2
Blocker Pro 350	335 cm	350 cm	225-280 cm	**108304**	3.8
Blocker Pro 400	385 cm	400 cm	225-280 cm	**108305**	4.5
Side W Pro F45	Depth 230cm		225-280 cm	**108263**	4.2

Automotive & motorhome

Adapters F45S & F45L
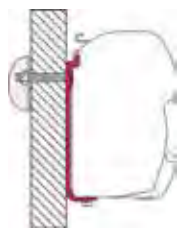
AS120
For F45 and Fiamma Zip awnings. Standard delivered with 2.5m – 4m awnings. Includes 2 x 12cm brackets and 1 x 8cm bracket
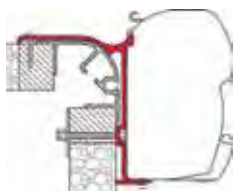**108229**
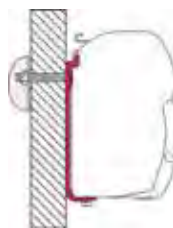
AS400
For F45 and Fiamma Zip awnings. Standard delivered with 4.5m & 5m awnings. Includes 2 x 40cm brackets and 1 x 12cm bracket **108230**
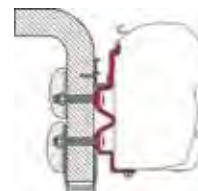
Fiat ducato
Also Citroen Jumper, Peugeot Boxer. High roof. After 06/2006. 2 x 8cm brackets
108228C

Bailey Pegasus
3 x 15cm brackets **108235**

Hymercamp
Hymercamp Swing, Starline, Hobby Van, Caravan Hobby '09. 1 x 400cm bracket. Can be cut to size **108228D**

Accessories F45S & F45L

F45 tension rafter
Anodised aluminium. Adjustable length: 142-265 cm. Suitable for extensions up to 250cm and for length up to 550 cm
108262

Tie down kit S
Strap kit allowing a solid anchoring of the awning to the ground. Fits into the awning guide or the side clip of the Privacy Room. Includes: 2 adjustable black straps (3m), 2 stakes with 2 tension springs and 2 front hooks
109502

Fiammastore plate
Ideal for fixing the front legs to the ground, in order to increase the resistance in case of strong wind and to protect the legs. Made with extra strong plastic. Dimensions: 20cm x 20cm **108226**

Awning pegs kit
Range of screw pegs ideal for awnings, enclosures and mats. Made from UV resistant plastic. Kit includes drill chuck key, 8 x 20cm and 8 x 14cm screw pegs. 8 x hooks, 2 awning plates and carry bag **108309**

Repair kit plus
This kit makes DIY repairs so easy with its 3 transparent PVC strips
108271

Awning hangers kit
6 hooks to insert in the lead bar profile to hang light objects **109503**

F45 Rafter Pro curved
The Rafter Pro is made of two sturdy anodized aluminium telescopic bars. Ideal for awnings with extension up to 250cm, it is adjustable in length from 144 to 265cm. Limit usage at high temperatures as it may affect the fabric tension.
108261

Mega bag light
Strong bag in lightweight material, suitable for transporting Privacy Light. Dimensions 140 x 25 x 25cm
108308

Wall brackets
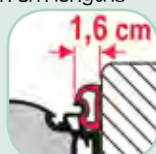Aluminium wall mounting brackets for support legs **108265**

Rain guard
Convenient rubber guard to seal the space between the awning and the vehicle wall to prevent water from infiltrating. Can be installed without removing the awning. Priced by the metre sold in 5m lengths

1,6 cm

Rain guard S For awnings installed with standard AS120 brackets on flat walls. Fits gaps up to 16mm **108282**

9 cm

Rain guard L For awnings mounted with adaptor spaced out from the wall up to 9cm or on curved walls **108280**

Automotive & motorhome

The Caravanstore ZIP comes complete with the canopy and the enclosure. The innovative Caravanstore ZIP system joins the side panels to the awning's fabric with two special sturdy zips. In a few instants the awning can be transformed into a complete enclosure, doubling your living space.

15 cm
8.5 cm

C A
B

SOFT BOX **LEGS IN** **DOUBLE GUIDE**

Blue Ocean

Deluxe Grey

CARAVANSTORE ZIP

1 Erect the awning!

2 Position the side walls!

3 Waterproof zips attach the walls to the roof in conjunction with the Fast Clip system!

4 Slide the front panel through the guide rail and zip to sides!

5 Use the Rapid Set to secure frame and peg out!

	Awning length A	Height B	Canopy Extension C	Canopy length D	Weight kg	Deluxe Grey	Blue Ocean
CS ZIP 280	288 cm		225 cm	254 cm	24.2	108195/DG	108189/BO
CS ZIP 310	318 cm		225 cm	284 cm	26.1	108196/DG	108190/BO
CS ZIP 360*	369 cm	240 to 260 cm	225 cm	334 cm	28.8	108197/DG	108191/BO
CS ZIP 410*	419 cm		225 cm	384 cm	31.8	108198/DG	108192/BO
CS ZIP 440**	449 cm		225 cm	414 cm	34.5	108199/DG	108193/BO

*Caravanstore ZIP 360 and 410 come with one caravanstore support leg included.

**Caravanstore ZIP 440 comes with one caravanstore centre rafter and one caravanstore support leg included.

Caravanstore ZIPs come delivered with:

The **canopy** (Caravanstore type) in either Deluxe Grey or Blue Ocean.

The **Rapid Set** Caravanstore installation kit aluminium poles. This fixing structure is composed of a horizontal rafter to be inserted in to the side panels and a telescopic vertical rafter next to the wall of the vehicle to increase the stability.
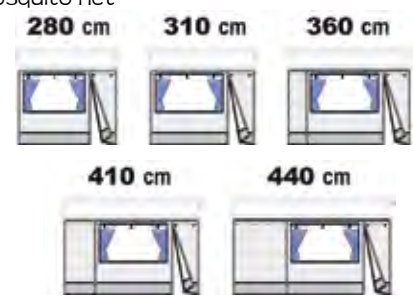
A **curtain Kit** for all 3 windows in Blue Ocean

Mega Bag storage bag. Dimension: L:140xW:27xH:40cm. Colour: black/red.

2 side panels with windows and mosquito nets

A **front panel** with linterchangeable door and window with mosquito net

280 cm 310 cm 360 cm

410 cm 440 cm

FIAMMA ZIP®

Blue Ocean

Deluxe Grey

Fiamma ZIP is based on F45 awnings. The canopy has a ZIP system allowing a fast installation and perfect fit. The innovative Fiamma ZIP system joins the side panels to the fabric of the awning with two special sturdy zippers. The awning is transformed into a completely enclosed room in a few minutes.
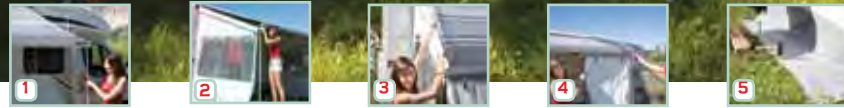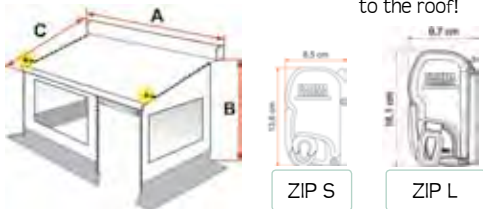
Manual winch operation

HARD BOX · **PRESTO FIX** · **DUAL SHOCK** · **ONE WAY ROLL** · **PERFECT CLOSING** · **DOUBLE GUIDE**

Available in Deluxe Grey and Blue Ocean canopies only!

1. Erect the awning!
2. Position the side walls!
3. Waterproof zips attach the walls to the roof!
4. Slide the front panel through the guide rail and zip to sides!
5. Use the Rapid Set to secure frame and peg out!

ZIP S · **ZIP L**

WOW Standard delivered with installation brackets (Kit AS), other kits available see page S8

Polar White

Available in Polar White casing only!

ZIP.	Awning length A	Height B	Canopy Extension C	Weight kg	Deluxe Grey Canopy	Blue Ocean Canopy
ZIP S 300 Medium	306 cm	225-250 cm	250 cm	42.4	108294/DG	108294/BO
ZIP S 350 Medium	356 cm	225-250 cm	250 cm	46.3	108296/DG	108296/BO
ZIP L 400 Medium	406 cm	225-250 cm	250 cm	58.4	108298/DG	108298/BO
ZIP L 450 Medium	456 cm	225-250 cm	250 cm	62.4	108314/DG	108314/BO
ZIP S 300 Large	306 cm	251-280 cm	250 cm	42.6	108295/DG	108295/BO
ZIP S 350 Large	356 cm	251-280 cm	250 cm	46.5	108297/DG	108297/BO
ZIP L 400 Large	406 cm	251-280 cm	250 cm	58.6	108299/DG	108299/BO
ZIP L 450 Large	456 cm	251-280 cm	250 cm	62.6	108315/DG	108315/BO
Side door panel right (for Zip Medium)		251-280 cm	250 cm	4.1	108312	
Side door panel right (for Zip Large)		251-280 cm	250 cm	4.7	108313	

ZIP Medium delivered with 1 rafter included
ZIP Large delivered with 1 rafter and 1 door pole included

ZIPs come delivered with:

The **awning** (F45 type) in either Deluxe Grey or Blue Ocean.

Mega Bag storage bag. Dimension: L:140 x W:27 xH:40cm. Colour: black/red.

The **Rapid Set** awning installation kit aluminium poles.
This fixing structure is composed of a horizontal rafter to be inserted into the side panels and a telescopic vertical rafter next to the wall of the vehicle to increase stability.

Side panels with windows and mosquito nets.

A **curtain Kit** for all 3 windows in Blue Ocean

A **front panel** with interchangeable door and window with mosquito net.

300 cm · 350 cm · 400 cm · 450 cm

**Draft skirting** (60cm tall). Includes wheel arch cover with press studs.

Roof and cycle carrier boxes

ULTRA-BOX

These boxes are made from superior quality ABS-PLUS, highly resistant to impacts and exposure to poor weather conditions. A completely reinforced aluminium structure with a watertight foam seal. High UV resistance to protect against deterioration. Supplied with installation brackets and rust proof stainless steel hinges. Colour: White.
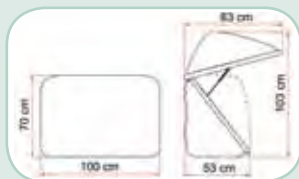
Ultra-box 320
12kg. 320 litre capacity **102256**
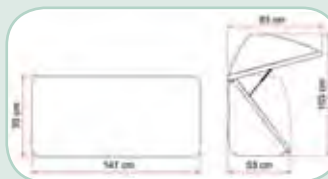
Ultra-box 500
17kg. 500 litre capacity **102258**

Note: Ultra-box 320 and 500 are supplied with brackets to allow them to be neatly installed on the Carry-Bike range

Ultra-box 2
13kg. 400 litre capacity **102252**

Ultra-box 3
17kg. 520 litre capacity **102254**

Note: The Ultra-box 2 is supplied with 4 brackets and Ultra-box 3 with 6

Carry Kayak
Kit of 2 support brackets to easily transport canoes, kayaks and surfboards. Compact by easy to load thanks to its inclined design. Made of folding anodized aluminium tubes, standard delivered with soft coverings and fixing straps. Suitable for some cars with roof bars.
106401
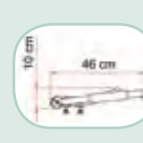
Organisers and utility pockets

Pocket M

Pocket L

Pocket XL

Multipurpose pocket made of scratch resistant plastic easy to install with the screws provided.

Pocket M	White	**106412**
Pocket L	White	**106414**
Pocket XL	Grey	**106416**

Pack organiser toiletry
Numerous pockets and large storage compartment for transporting your bathroom essentials. Made from waterproof polyester complete with hanging hook.
Dimensions:
Open 30 x 118 x 11cm
Closed 30 x 37 x 11cm
106410

Pack organiser seat
Attaches to seat back giving extra storage **106409**

Pack organiser S

Pack organiser L

WOW Pack Organizer L and Pack Organizer S can be fixed in 3 different ways:
A) using the rail - B) using the eyelets (screws not supplied) - C) with Fix Organizer (optional 106408).

Folding container with multiple pockets, it can be easily hung on doors and walls. They are made of strong waterproof material. Adjustable straps or eyelet installation. Practical handles for easy carrying. Can be folded when not in use
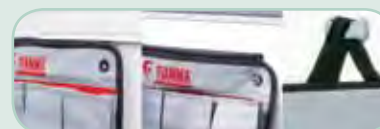**S** 50 x 84cm **106405**   **L** 88 x 39cm **106406**

Fix organiser
The easy way to hang your organiser **106408**

Dometic Premium Awnings

This new motor home awning eclipses its competitors by eliminating inconvenient support struts, just like your canopy at home. This means you can use the entire space in front of your recreational vehicle. It completely eliminates the awkward, time-consuming setup of conventional camping awnings. You're bound to use your Dometic Premium Awning even during short stops by the roadside thanks to it extending in only a few seconds. Particularly convenient and safe is the electric version with remote control and wind sensor.

White **Silver** **Anthracite**

Silver **Blue**

Characteristics that make the Dometic Premium Awning stand out
- Comprehensive UV protection
- Scratch-resistant
- Non-bleaching colours
- Stain-proof
- Available in three housing colours white, silver and anthracite
- Fabric made of highly resistant vinyl with a transparent acrylic coating
- Fabric colours blue or silver

Arm Joint – made of forged steel, extremely strong, essential for convenient use without vertical struts

Tilt angle – the factory-set tilt angle of approximately 10° can be adjusted to approximately 17° at the arm joint

Comfort features
- Premium Awning
- Simply extend and enjoy - no awkward setup
- No inconvenient struts, the entire space in front of the vehicle is yours to use
- Electric version comes with remote control and wind sensor
- Sturdy awning fabric with pattern on both sides
- Two tilt angles possible
- Top cover features integrated brush
- Additional accessories for both awning variants
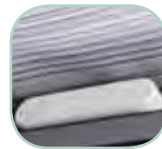
Wind Sensor **Remote Control**

Standard with Electric Version only
Wind Sensor
As standard for the electric version. Awning automatically retracts in strong winds
Remote Control
As standard for the electric version. Convenient retraction and extension as well as stopping in any position at the touch of a button.
Sun Sensor
Optional for electric version: for optimal shade depending on sunlight; wall-mounted radio remote control for convenient operation at the location of your choice.

Manual version

Casing: Anthracite Colour: Silver

Size	Part Number
3.1m	108134/A/S
3.5m	108135/A/S
4m	108136/A/S
4.7m	108137/A/S

Casing: Anthracite Colour: Blue

Size	Part Number
3.1m	108134/A/B
3.5m	108135/A/B
4m	108136/A/B
4.7m	108137/A/B

Casing: Silver Colour: Silver

Size	Part Number
3.1m	108134/S/S
3.5m	108135/S/S
4m	108136/S/S
4.7m	108137/S/S

Casing: Silver Colour: Blue

Size	Part Number
3.1m	108134/S/B
3.5m	108135/S/B
4m	108136/S/B
4.7m	108137/S/B

Casing: Polar White Colour: Silver

Size	Part Number
3.1m	108134/P/S
3.5m	108135/P/S
4m	108136/P/S
4.7m	108137/P/S

Casing: Polar White Colour: Blue

Size	Part Number
3.1m	108134/P/B
3.5m	108135/P/B
4m	108136/P/B
4.7m	108137/P/B

Electric version

Casing: Anthracite Colour: Silver

Size	Part Number
3.1m	108130/A/S
3.5m	108131/A/S
4m	108132/A/S
4.7m	108133/A/S

Casing: Anthracite Colour: Blue

Size	Part Number
3.1m	108130/A/B
3.5m	108131/A/B
4m	108132/A/B
4.7m	108133/A/B

Casing: Silver Colour: Silver

Size	Part Number
3.1m	108130/S/S
3.5m	108131/S/S
4m	108132/S/S
4.7m	108133/S/S

Casing: Silver Colour: Blue

Size	Part Number
3.1m	108130/S/B
3.5m	108131/S/B
4m	108132/S/B
4.7m	108133/S/B

Casing: Polar White Colour: Silver

Size	Part Number
3.1m	108130/P/S
3.5m	108131/P/S
4m	108132/P/S
4.7m	108133/P/S

Casing: Polar White Colour: Blue

Size	Part Number
3.1m	108130/P/B
3.5m	108131/P/B
4m	108132/P/B
4.7m	108133/P/B

Fabric Maintenance

FENWICK'S ADVANCED CARAVAN CARE

The whole Fenwick's range has been designed with the needs of the caravan, motor home and car owner in mind. Many products have been created from specific requests by satisfied customers.

Awning & Gazebo reproofer
Quickly restores waterproofing qualities to synthetic and canvas awnings, tents and gazebos. Protects against stains from dirt, grease, oil, food spills, and drinks. Deep penetrating, water based, non flammable formula. Can be applied in damp conditions. 1L covers up to 30m². Far safer than solvent based products, due to the biodegradeable and environmentally friendly properties.
1 litre   **108405**   10 per outer

Awning & gazebo cleaner
Quickly and effectively cleans awnings, tents and gazebos. Removes black streaks, green algae and general grime. Spray on, wash off formula.
1 litre   **108401**   10 per outer

fabsil
ORIGINAL PERFORMANCE RESTORED.

Waterproofs and mould proofs weathered canvas of all weights: cotton, nylon, terylene fabrics and unpainted leather. It preserves them and keeps them cleaner. As no film is formed the breathing of canvas fabrics and leather is retained. The tinned Fabsil contains a UV protector

1 litre Reproofer
With UV protector
10 per outer
108319

2.5 litre Reproofer
With UV protector
6 per outer
108327

5 litre Reproofer
With UV protector
3 per outer
108336

400ml Reproofer
12 per outer
108345

600ml Reproofer
12 per outer
108353

Fabsil display stands
Single display stand
108379
Double display stand (back to back)
108380

Universal fabric cleaner
1 litre. 6 per outer
108372

Clothing Superpruf
Clothing reproofer 250ml spray. 12 per outer **108357**

Wax Cotton proofer
Reproofer 250ml spray. 12 per outer
108360

Footwear cleaner
Footwear foaming cleaner 250ml spray. 12 per outer **108363**

Footwear deodorant
Footwear deodorant 250ml spray. 12 per outer **108365**

Footwear proofer
Footwear reproofer with conditioner 250ml spray. 12 per outer **108367**

Beeswax proofer
Clothing reproofer 80g 24 per outer
108369

Stormseal repair adhesive
Permanent, flexible & waterproof, repairs natural and man-made fabrics. 12 per outer **109448**

Seal repair adhesive 28g
Suitable for most types of fabric. Gives an extremely durable mend. Dries to a flexible finish. Easy to apply. 12 per outer **109449**

Nylon repair tape kit
Self adhesive 7.5cm strips of ripstop nylon in assorted colours. For emergency repairs to tents, jackets and parkas. 4 strips per pack. 12 packs per outer **109450**

Fiamma repair kit plus
This kit makes DIY repairs so easy with its 3 transparent PVC strips **108271**

Mallets etc

Mallet & peg puller
16oz. Available singly or 10 per outer **109431**

Rubber mallet
16oz. Metal shaft. Available singly or 10 per outer **109432**

Rubber mallet
31oz. Available singly or 24 per outer **109434**

Peg extractor
For easier removal of tent pegs. 10 per outer **109425**

Arro eyelets
Self sealing eyelet for plastic or canvas sheeting. 24 per outer **109130**

Tent accessory pack
6 x 6" metal pegs, 20m high visibility guy line, 1 x rubber mallet & 1 x peg extractor. Available singly or 20 per outer **109435**

Pegs

Plastic Grey groundsheet

Plastic Red

Plastic Grey

Wire

Metal skewer

Steel rippled

Heavy duty

W4 Awning

Rolson Superstake

Hard ground

Half round

Tarzan rock

Type of peg (quantity per pack)	Size	Loose (quantity per outer)	Grove packaged (quantity per pack/ packs per outer)	W4 Packaged (quantity per pack/ packs per outer)	Hard case Available singly (outer quantity)
Plastic Grey groundsheet	3.5"	**109422** (200)		**108577** (5/10)	
Plastic Red	5.5"			**108594** (5/10)	
Plastic Red	8"	**109404** (200)		**108570** (5/10)	
Plastic Grey	8"	**901095** (singly)			
Plastic Red	12"	**109413** (200)			
Wire	7"		**109367** (10/10)	**108593** (5/10)	
Wire	9"	**109395** (250)	**109389** (10/10)	**108571** (5/10)	
Wire (25)	10"	**901104** (singly)			
Metal Skewer (4)	8"	**901098** (singly)			
Metal Skewer (4)	9"	**901107** (singly)			
Steel Rippled	8"			**108596** (3/10)	
Heavy Duty	8"			**108597** (1/10)	
W4 Awning peg	8" + head	**109483** (50)		**109482** (5/8) (Display box)	
Rolson Superstake	28 cm	**109415** (12)			
Hard ground pegs (20)	8"				**109400**
Half round pegs (20)	18 cm				**109396** (24)
Tarzan rock pegs (20)	23 cm				**109397** (24)

Screw pegs
Megascrew mKIII

Screw tent pegs are a great way of securing your tent or awning to a variety of surfaces including har standing and grassed areas. You can hammer them into grass or use a drill with the drill bit for hard ground when required. Each megascrew utilises a soft seal to protect pegging rubbers and guy lines from chafing.
Blue (25 pack) **109419** Blue (10 pack) **109417**
Grey (25 pack) **109418** Grey (10 pack) **109416**

13mm Drill bit
Multi angle for ease of use
109420

WOW The Camping and Caravan club likes Megascrew - "sturdy pegs", "resilient plastic end" and "even a modest head torch is well reflected"

Fiamma awning pegs kit
Range of screw pegs ideal for awnings, enclosures and mats. Made from UV resistant plastic. Kit includes drill chuck key, 8 x 20cm and 8 x 14cm screw pegs. 8 x hooks, 2 awning plates and carry bag **108309**

Tie down kits

Fiamma tie down kit S
For use with Fiamma awnings. Composed of 2 black adjustable bands 300cm long, 2 stakes and 2 tension springs **109502**

Fiamma tie down kit
To secure awnings in windy conditions. Available in Black strap or Yellow strap for extra visibility. Will fit awning up to 6 metres in length. Available singly or 10 per outer
Yellow strap **109501**
Black strap **109500**

W4 quick release awning tie down kit
● Durable nylon buckle, easy to fit, quick to release
● Dual tensioners with 2 heavy duty elasticated cord and snap hooks for easy adjustment
● Two land anchors for secure fixing
● Supplied with 10 metres of high tensile strapping
Available singly or 10 per outer
109510

W4 porch tie down kit
Used to secure porch awnings during windy conditions. Featuring a shorter strap than standard tie down kits. 2 lightweight plastic yellow pegs. Available singly or 10 per outer **109509**

W4 awning anti friction pads (2)
A pair of cushioned nylon pads that slide on to the strapping of most awning tie down kits to help prevent vibration and chafing. A simple answer to a constant problem **109511**

W4 Reflect-a-line
Reflective strips to fit on guy lines for safety at night. 10 per outer
109423

Multi-purpose anchor
Suitable for use as a dog tether, tent or awning storm anchor, temporary land anchor for boats and many more uses.
W4 Screw-it. Available singly or 10 per outer **109021**
Bulk 12 per outer **109021B**

Tent and awning tensioners

Awning companion
Designed especially for tensioning awning poles in seconds with one hand and without the hassle you will wonder how you ever managed without it.
Available singly or 6 per outer **109585**

Hercules
Hook the Hercules to the pole at a distance of approximately 15cm from the screw. Let the steel loop rest on the nut. Now see how easy it is to tension your awning correctly **109580**

Awning rail care

W4 awning rail lubricant
Makes awnings much easier to thread. Clean the awning channel before application. Can also be applied to ease the fitting and removal of toilet seals. 10 per outer **105100**

Awning rail spreader
Simply insert into the awning rail and tap through any troublesome areas. The compact head is especially effective on awkward corners. 10 per outer **105104**

Awning rail brush
Useful brush for cleaning or lubricating awning rail. Available singly or 5 per outer **105085**

Awning rail care kit
Contains one each awning rail lubricant, awning rail spreader and awning rail brush, supplied in a handy vinyl pouch **105105**

Awning rail protection strip
Diverts rainwater away from the channel which also helps prevent black streaks. Supplied in 12m lengths **105107**
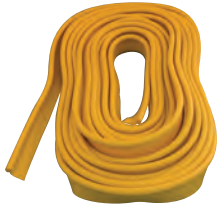
Aluminium awning rail
2.12 metre lengths
10 lengths per outer
105099
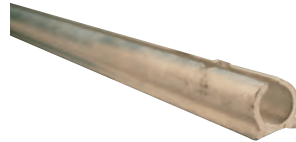
Plastic awning rail
Pre-drilled 2.5 metre lengths
10 lengths per outer
105088

Luggage Elastic

W4 adjustable luggage elastic
1 metre length with 1 fixed and 1 self locking hook. 10 per outer **109519**

W4 Multi hook luggage elastics
10 per outer
4 way **109520**   6 way **109521**
8 way **109522**
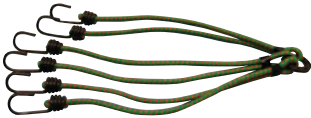
W4 Luggage elastic (2)
Meets BS AU 258. 10 per outer
46cm **109515**   60cm **109516**
76cm **109517**   91cm **109518**

Rolson D-ring bungee cord
1200 x 8mm bungee cord with easy to attach d-ring facility. Suitable for tying down on roof racks and trailers **109525**

Rolson retractable ratchet tie down
25mm x 5 metre ratchet tie-down. With plastic handle retraction. Breaking strength 4901kg. Working load 245kg **109526**

Rolson 4.2m ratchet tie down (2)
2 piece 25mm x 4.2 metre ratchet tie-down. Breaking strength 681kg. Working load 227kg. Aluminium alloy handle with PVC grip. High visibility webbing. **109524**

Rolson 15ft ratchet tie down
1" strap . 136kg approx. tie down capacity. Trouble free, push button quick release mechanism. 12 packs per outer **109523**

Multipurpose rope 30m
Working load limit of 175lbs. Working load limit is a guideline for the maximum allowable weight capacity of a new rope. 6 packs per outer **109436**

ROK straps

WOW Double shank hoop for double strength. Plastic coated non-scratch hooks. Sewn-in hooks for increased strength. Rot resistant & UV protected materials for safer, longer working life. Flat cord resists rolling, increases strength and protects cargo. 100% natural rubber for superior stretch and tear resistance.

Part No.	ROK Strap	Size
109600	Standard	300mm x 20mm
109601	Standard	450mm x 20mm
109602	Standard	600mm x 20mm
109603	Standard	750mm x 20mm
109607	Standard	900mm x 25mm
109608	Standard	1200mm x 25mm
109609	Standard	1500mm x 25mm
109615	Adjustable	1500mm x 25mm
109616	Adjustable	3000mm x 25mm
109617	Adjustable	4500mm x 25mm

Double-shank folded steel hook for added strength and safety

Rubber coated steel for maximum protection

Double-stitched security

Polyester UV resistant outer braid

Solid flat natural rubber core

Awning accessories

W4 awning sucker
Replacement rubber suckers. Packed suckers are sold 2 per pack, available singly or 10 packs per outer. Bulk suckers are sold 20 per outer
For pole size ¾" (19mm)
Packed **109489**
Bulk **109488**
For pole sizes ⅞" (22mm) & 1" (25mm)
Packed **109487**

Awning pads (3)
Simply glue to inner roof beading to hold awning poles and remove the need to screw awning brackets to the caravan. Available singly or 10 per outer **109040**

W4 ease-it
A simple tool to make the erection of awnings easier. Attach the reinforced eyelet to your awning then pull through channel with the hooked pole. Available singly or 10 per outer **109490**
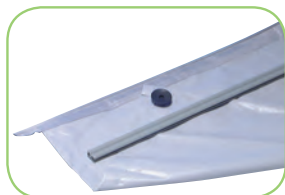
W4 awning skirt wheel arch cover
Figure 8 and suckers ensure a neat result without drilling or screwing into the caravan wall. Both available singly, single axle version also available 10 per outer
Single axle **109498**
Twin axle **109497**
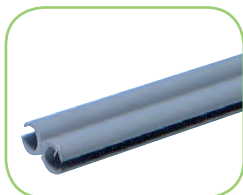
W4 figure 8 channel
Plastic double channel strip to join the wheel cover to the awning skirt. Available singly or 10 per outer
Length 750mm **109495**
Length 1200mm **109496**

Inner tent
Superior quality polyester for heavy use. Reinforced heavy duty PVC base with welded corner fasteners. The ultimate inner tent that is also rot proof
2 Berth 205x135x180cm **109975**
3 Berth 205x205x190cm **109976**

Inner tent tall annexe
Fits all tall annexes and includes a heavy duty reinforced base. 198x130x160cm **109980**
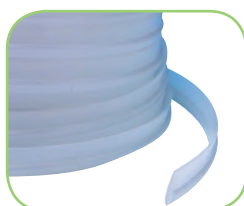
J strip
Plastic strip for attachment of awning curtains. Supplied in 100m roll. Priced by the metre **109570**

Awning curtains
Good quality polyester/cotton. Each one measures 33" x 60" approx. Fitted with clips and sewn in seam for curtain rods. Assorted designs **123455**

Attachable awning windbreak
18' long and 5' tall, manufactured from patented good quality rip-stop material. Rot proof and complete with awning beading to attach to the caravan.
7 pole **107790**

Awning bags
A variety of storage bags which can be personalised with your own company details - minimum 100.
All products are manufactured from heavy duty PVC coated nylon

Awning bag
Holds canvas from even the largest awning. Piped circular base for maximum strength. Available singly or 10 per outer **109550**
Personalised **109551**

Pole bag
For the storage of awning poles, but can also be used for small tents and poles. Available singly or 10 per outer **109553**
Personalised **109554**

Peg bag
Versatile bag for carrying awning, tent and groundsheet pegs or other small items. Available singly or 10 per outer **109561** Personalised **109562**

Heritage "Keep Calm and Caravan" peg bag
100% cotton canvas peg bag with zip. Wet and rotproof. High quality desirable product **109563**
Also available in cost effective nylon **109560**

The Heritage range also available in a mains cable bag (see section C) **016177** and a hitch cover (see section A) **007345**

WOW Heritage range. Choose your colour, change the crown for your logo or even display your phone number - all for the same unit cost. Minimum order quantity - 50. Please speak to your sales contact for more details. Please allow 6 weeks for first time orders and 4 weeks for repeat orders to receive your delivery. Peg bag printed **109564**

Tent and awning spares - All packed 10 per outer

WOW All W4 pack-it items can be ordered loose at a preferential rate. Please speak to your sales contact for more details

(W4)

Brass eyelets
$\frac{3}{8}$" (9.5mm) (20)
108559
$\frac{1}{2}$" (13mm) (10)
108552

Eyelet closing tool
$\frac{3}{8}$" (9.5mm) **108560**
$\frac{1}{2}$" (13mm) **108553**

Awning skirt studs (5)
108561

Awning skirt studs, poppers & screws (5)
108562

Awning popper closing tool
108578

Cord lock (2)
109479

Awning rail screws (10)
108563

Plastic guy line runners (5)
108595

Metal guy line runners bent (5)
108554

Metal guy line runners slotted (5)
108555

Guy line 6 metres
108569

Elasticated cord 5 metres
108590

Awning brackets (2)
108572

Pole ends (2)
$\frac{3}{4}$" (19mm) **108583**
$\frac{7}{8}$" (22mm) **108584**
1" (25mm) **108585**

Gutter clamp (2)
21-23mm **108645**
25-28mm **108646**

Pole C clips (2)
$\frac{3}{4}$" (19mm) **108566**
$\frac{7}{8}$" (22mm) **108567**

Pole clamps (2)
$\frac{3}{4}$" (19mm) **108556**
$\frac{7}{8}$" (22mm) **108557**
1" (25mm) **108586**
$1\frac{1}{4}$" (29mm) **108580**

Inner tent clips (3)
$\frac{3}{4}$" (19mm) **108551**
1" (25mm) **108641***

Pole spike
$\frac{3}{4}$" (19mm)
108568

Rain cowls (2)
108589

Pole flanged foot
19mm **108588**
22mm **108647**
25mm **108648**

Pole spring joiners (3)
108558

Spring buttons (3)
108550

Pole marking kit
108576

Toggled tent band (5)
108579

Tent band – large (3)
90mm **108574**

Tent band – extra large (3)
150mm **108587**

Inner tent suspension bands (5)
108575

Ladder bands (5)
108573

Ball loops 75mm (3)
108549

Bunk bracket with stainless steel screws*
$1\frac{1}{4}$" (32mm) **108591**

Canopy hooks (3)*
108581

Rope hooks (3)*
108582

Pole hanging hooks (3)
108565

Small padlock*
108564

Pole ring with 2 pins (2)
108548

Ground sheet pegs (5)
$3\frac{1}{2}$" (90mm)
108577

Tent peg – plastic (5)*
$5\frac{1}{2}$" (140mm)
108594

Tent pegs – plastic (5)
8" (200mm)
108570

Airbed plugs (3)*
Replacement airbed plugs. 10 per outer
109480

Wall mounted 'Pack-it' stand
With optional feet for free standing conversion. Tent & awning 48 hook range **108650.**
Items marked with * are not currently included in the stand package

Heavy duty peg
108597

Tent pegs-steel (5)
9" (225mm) **108571**
7" (150mm) **108593**

Rippled peg – steel (3)*
8" (200mm) **108596**

Self adhesive awning stud (2)
Available singly or 5 per outer
109128

Grove packaged awning accessories

Awning hooks (3)
10 packs per outer
19mm **109047**
23mm **109056**

Pole adjusting clamps (2)
10 packs per outer
23mm **109102**

Inner tent clips (6)
For suspending inner tent in awning. 10 packs per outer
109082

Nylon 'C' clips (4)
10 packs per outer
19mm **109113**
23mm **109124**

Awning brackets (3)
Supplied with screws.
10 packs per outer
109038

Camping accessories

Multi hook hanger
Useful five hook plastic hanger for tent or awning poles. Available singly or 10 per outer **109010**
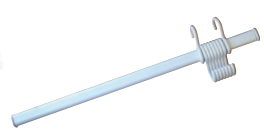
Plastic hanger with 7 hooks
Available singly or 10 per outer **109011**

Clip-on mirror
Available singly or 10 per outer **109761**

Flock air bed repair kit
Available singly or 12 per outer **109481**

Emergency hooded ponchos
Both lightweight and convenient, made from a reusable polyethylene. Each pack contains 2 adult sizes and 1 childs size.
24 per outer **070603**

3 Tier concertina workstation
Folds for easy storage, carry bag included. Detachable wind shield, 2 storage shelves
106cm x 61cm x 35cm
109755

Camp toaster
Stainless steel wire grill, mesh, heat diffuser, frame lock and folding wire handle **109646**

Folding toaster
22cm diameter with four folding wire strut supports. Available singly or 12 per outer **109643**

Egg holder
Protective plastic case for carrying eggs
109649

Salt/pepper shaker
No spill flip caps. Bottoms remove for easy filling Available singly or 12 per outer **109648**

Groundsheets

ComfiCarpet
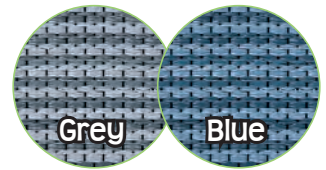
| Grey | Blue |

Breathable woven matting for use in the awning or tent. Supplied in a choice of pre-cut sizes. Lightweight yet durable in use.

Length (2.5m width)	Grey	Blue
4m	**107860**	**107862**
5m	**107865**	**107867**
6m	**107871**	**107873**

P.V.C. groundsheets

10' x 8'	**108060**
12' x 8'	**108065**
14' x 8'	**108075**
16' x 8'	**108085**
18' x 8'	**108095**
20' x 8'	**108100**

Supplied in P.V.C. with brass eyelets and welded seams

Solar shower
20lt capacity gives you a 7 minute shower. Leave in the sun to heat water - will heat up to 40ºC in 3 hours. Available singly or 24 per outer **109700**

Breathable groundsheet
Breathable polyester coated groundsheet, hardwearing and rot proof. Easily folded and stored in its own water and mud proof nylon zipped bag.
3m x 2m black **107945**

Event Tents

Coleman
The Outdoor Company™

Event shelter

Polyester flysheet 450mm PU aluminium coated steel poles. Living area: 20.25m². Headroom: 228cm (centre) 190cm (sides). Dimensions: 450cm x 450cm. Pack size: 102 x 26 x 20cm. Rectangular carry bag included. Weight 18kg **109781**

Event shelter sunwall
109783

Event shelter sunwall and door
109782

Coleman
The Outdoor Company™

Sundome with UV guard

The perfect accessory for the beach. Polyester flysheet 500mm PU silver coated, Groundsheet: PE 110 g/m², zips ON and OFF to the flysheet. Fibreglass poles, headroom 118cm. Tubular carry bag including draw cord opening and sand pockets. Pack size: 55 x 10cm. Weight 1.8kg **109789**

Windshield classic

Backed by the reassurance of Coleman quality, this smart accessory provides the desired level of privacy and essential protection from the elements. Polyester flysheet 500mm PU coated, fibreglass poles. Tubular with draw cord opening carry bag included. 10 pre-attached guy ropes and pegs provide stability. Dimensions 550 x 150cm. Weight 2.6kg **109788**

Coleman
The Outdoor Company™

Eurovent Mosquito Dome

Versatile and light weight 190T Polyester roof with mosquito net sides. 11mm diameter fibreglass roof poles, with 19mm diameter steel leg poles.
Weight 10kg. 2.2m tall in centre
Approx. 20m² floor area
109777

smartent
OFF-GROUND TECHNOLOGY

Smart tent

A quick erecting tent that allows you to sleep off the ground. No more packing away a dirty groundsheet or water coming up through the floor. As simple as putting up a camp bed. Erects in 30 seconds.
- Off ground technology
- Outstanding durability
- Consistent quality throughout conditions
- UV resistent
- Naturally insulating
- Breathable
- Craftsmanship
- Locking device from inside

Weight - 12.2kg
Weight Limit tent - 120kg (18 Stone)
Dimensions:
217W x 70D x 31/105H cm
31cm - floor to bed, 105cm - top of tent to floor
Hydrostatic head rating - 2000mm
Green **108503**
Orange **108501**

Mosquito protection

W4 mosquito netting

A useful range of pre-cut lengths of netting for use on windows or rooflights. Complete with fixing kit

1m square	**101070**
1m x 1.5m	**101080**
1m x 2m	**101075**
Mosquito fixing kit	**101085**

Fiamma mosquito net

Mosquito screen for motor home and caravan door consisting of 2 overlaping panels. Each panel is reinforced and stays taut and is 230cm high, 35cm wide. Easily installed by sliding onto wall track, adjustable height **101088**

Rolson magnetic door curtain/net

Mosquito screen for domestic use, consisting of 2 overlaping panels. Maximum size 215cm x 97cm. Easily installed by sticking on velcro stips along the frame. **101090**
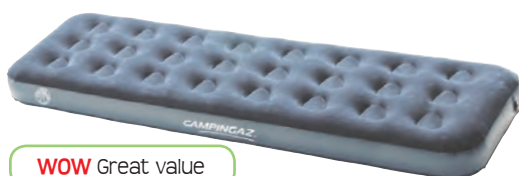
Air Beds

Coleman comfort airbeds

Airtight® system: patented Double Lock™ valve locks in air two ways. Repair kit included. Phthalate free
Single: 188cm x 85cm x 22cm. Weight 2.3kg.
Available singly or 6 per outer **109856**
Double 188cm x 137cm x 22cm. Weight 3.7kg.
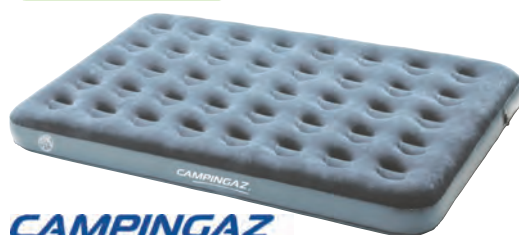Available singly or 4 per outer **109858**

Coleman raised quickbed queen

Exclusive Wrap'N'Roll™ system. Double height for extra comfort 47 cm. Airtight® system: patented. Double-Lock™ valve locks in air. Repair kit included. Phthalate free.
213cm x 168cm x 47cm. Weight: 7.3 kg
2 per outer **109862**

Airbed plugs (3)
Replacement airbed plugs
10 packs per outer
109480

WOW Great value

Campingaz quickbed airbeds

A reliable and comfortable inflatable bed for camping or to use as a spare bed. It is fitted with Airtight system making it leak free and more resilient. Repair kit included
Single 188cm x 74cm x 19cm. Weight 1.6kg
6 per outer **109848**
Double 188cm x 137cm x 19cm. Weight 2.9kg
4 per outer **109849**

Aerobed Active airbeds

Powerful, rechargeable, cordless pump for inflation. Air coil system ensures a stable, even sleeping surface. Proven by experts to eliminate pressure points. Woosh™ Valve super-fast deflation in seconds. Smooth flocked sleep surface. Bed rolls up and stores compactly in a durable carry bag included. Non-allergenic - Hygenic and dust mite free sleeping surface.
Single: L198cm x W99cm x H23cm
109846
Double L198cm x W137cm x H23cm
109847

Air pumps

Campingaz 4D quickpump

2 separate functions: inflates and deflates. Operates on 4D/R20 batteries (not included) Running time: 30 minutes. Airflow: 340 litres per minute. Carry bag included. Weight 360g.
Available singly or 6 per outer **109868**

Coleman 12v quickpump

2 separate functions: inflates and deflates. Operates from 12v DC. Air flow: 500 litres per minute. Carry bag included
Weight 1.7 kg.
Available singly or 4 per outer **109870**

Double foot pump with gauge

Fitted with 480mm flexible hose and thumb lock lever tyre connector. Gauge graduated in psi (range 0-100psi) and bar (0-7bar) Includes pre set indicator **109726**
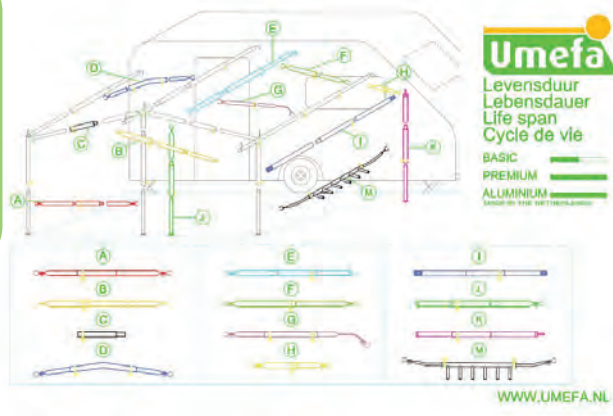
Tent and awning poles

Umefa ®

A new range of camping poles. Excellent value!

Steel poles are zinc coated and Aluminium poles are anodised for excellent resistance to corrosion. All products are bagged and header carded with easy to read labelling to enable the consumer to buy without the need to ask busy sales staff.

WOW Umefa point of sale helps the consumer easily identify the pole or poles required. 109250 Display "stand". Ask your sales contact for details.

Umefa
Levensduur
Lebensdauer
Life span
Cycle de vie

BASIC
PREMIUM
ALUMINIUM

WWW.UMEFA.NL

109160 ø19 – 950 / ø22 – 950 / ø22 – 695
109162 ø22 – 1000 / ø25 – 1000 / ø25 – 645
109164 ø22 – 895 / ø25 – 1150
109166 ø22 – 895 / ø25 – 895 / ø25 – 895

Verandah bars
Pole clamp on both ends.
Available singly or 10 per outer

Steel 22/19mm 170-250cm	109160
Steel 25/22mm 170-250cm	109162
Aluminium 25/22mm 120-200cm	109164
Aluminium 25/22mm 170-260cm	109166

109170 ø22 – 695 / ø22 – 950 / ø19 – 950
109172 ø22 – 1000 / ø25 – 1000 / ø25 – 645
109174 ø22 – 895 / ø25 – 895 / ø25 – 895

Roof beams
Pole clamp on one end with pole hook on the other.
Available singly or 10 per outer

Steel 22/19mm 170-250cm	109170
Steel 25/22mm 170-250cm	109172
Aluminium 25/22mm 170-260cm	109174

109180 ø19 – 895 / ø22 – 850 / ø22 – 850
109182 ø19 – 1050 / ø22 – 1050
109184 ø22 – 895 / ø22 – 895 / ø25 – 895

Pole spike with basic foot
Pole spike on one end with blanking plug foot on the other.
Available singly or 10 per outer

Steel 22/19mm 180-250cm	109180
Steel 22/19mm 110-200cm	109182
Aluminium 25/22mm 170-260cm	109184

109190 ø22 – 1000 / ø25 – 1000 / ø25 – 645
109192 ø22 – 895 / ø25 – 895 / ø25 – 895

Storm pole with flanged foot
Pole clamp on one end with flanged foot on the other.
Available singly or 10 per outer

Steel 22/19mm 170-250cm	109190
Aluminium 25/22mm 170-260cm	109192

109196 ø19 – 950 / ø22 – 950 / ø22 – 700
109198 ø22 – 1000 / ø25 – 1000 / ø25 – 645

Storm pole with foot
Available singly or 10 per outer
Pole spike on one end with foot on the other.

Steel 22/19mm 170-250cm	109196

Pole spike on one end with angled foot on the other.

Aluminium 25/22mm 170-250cm	109198

109202

Twistable storm pole
Pole spike on one end with spiked foot on the other. Twist to lock. Available singly or 5 per outer

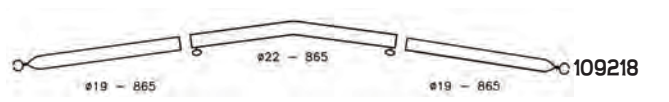|	
Aluminium 28/25mm 90-230cm	109202

109210 ø19 – 865 / ø22 – 865 / ø19 – 865
109212 ø22 – 1050 / ø25 – 895 / ø25 – 895

Stretching pole
Bent with clamps on both ends.
Available singly or 5 per outer

Steel 22/19mm 165-255cm	109210
Aluminium 25/22mm 210-275cm	109212

109218 ø19 – 865 / ø22 – 865 / ø19 – 865

Bent crossbeam pole
Bent with clamps on both ends.
Available singly or 5 per outer

Steel 22/19mm 170-250cm	109218

EUROVENT
trio sport®
Spares

Power grip
Reversible
For fibre frames
901185

Power grip
For steel frames
901067

Plastic collar
For aluminium frame 25mm
901060

Pole hook
20/22mm
901090

Pole end
Eyelet
20/22mm
901187

Pole end
Eyelet
25/28mm
901188

Centre plastic corner
For steel frame
901066

Corner plastic bracket
For new fibre frame used for either corner
901175

Centre corner plastic bracket
For new fibre frame
901178

Pole clip
For new fibre frame 25/28mm
901190

Spiked foot
For new fibre frame 20/22mm
901195

Canopy pole end
For new fibre frame 20/22mm
901025

Metal washer
901035

Trifix fixing bracket
901064

Awning bracket
901039

Plastic pole end
23-25mm
901049

Plastic pole end
25mm
901054

Grey feet
23-25mm
901084

Spiked foot
22mm
901078

Ball joint
6mm thread
901068

Pole hook
22mm
901087

Pole hook
25mm
901089

Plastic hooked clip
25mm
901092

Pole eye hook
22mm
901086

Pole end
20-22mm
901075

Roof lining / inner tent clip
901121

Pole clamp
25-32mm
901017

Pole clamp
25 - 32mm
901086

Spring button
901000

Spring button
22-25mm
901005

P shaped adjuster bolt
901023

Metalic collars (4)
20mm
901072
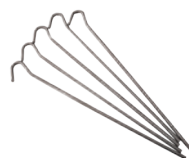
Angled pegs (25)
901104

Skewer pegs (4)
560114 **901098**
570258 **901107**

Grey plastic pegs
901095

Rubber rings
40 x 48 x 9mm
901131

Peg puller
901128

Connecting spring
901027

Metal clip
20-22mm
901012

Guy line 5m
2.5mm
901135

Tensioner
901044

Adjustable peg strap
901138

Curtain hook - annexe
901115

Curtain hooks
901117

Curtain rod end
901119

Rain cowl
901057

Pet Range

Cable dog leash 6ft 182cm 12 per outer
124132

Reflective dog collar
24 per outer **124127**

Adjustable LED dog collar
12 per outer
124126

Dog play balls (4)
24 per outer
124122

Doggy waste pick up tool
12 per outer **124120**
Doggy waste refill kit
3 x 18 bags. 12 per outer **124121**

Garden tie out stake
12 per outer
124020

2qt adjustable double diner
124111

ROK straps Dog leashes STRETCH

Just enough stretch to avoid jolts, but maintains great control. Padded hold-loops for comfort. Modern, stylish design & colour range. High quality manufacture. Unlike recoil-leads, ROK's progressive tension keeps you in control and signals your pet to stop - without the jolt. Solid natural rubber core with nylon outer braid extremely chew resistant. Built-in Traffic Leader and Car Restraint. Less jolts on you, and your pet's collar and neck. Unlike "bungees", has minimal recoil if released.

ROK Dog leash Small dog 54"
For small pets upto 18kg
Blue/Black **124140**
Pink Camo **124141**

ROK Dog leash Medium dog 54"
For medium pets from 18-36kg
Black/Orange **124148**
Jungle **124149**

ROK Dog leash Large dog 54"
For large pets from 36kg+
Blue/Black **124156**
Black/Reflective **124157**

ROK Dog leash Large dog 36"
For large pets from 36kg+
Black/Green **124164**
Black/Red **124165**

Alan Rogers guides

All Alan Rogers books are available singly or 10 per outer.

GB & Ireland
Covering over 550 selected camping and caravanning parks. **12018713**

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Covering over 900 selected campsites in 24 European countries. **12018813**

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Covering over 900 selected camping and caravanning parks. **12018913**

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Covering over 260 selected camping and caravanning sites. **12019513**

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Covering over 320 selected camping and caravanning sites. Including Sicily and Sardinia. **12019613**

Netherlands
Over 250 inspected and selected camping and caravanning sites in the Netherlands, Belgium and Luxembourg. **12019713**

101 best camp sites
Great campsites across Europe perfect for your chosen hobby. Choose from these three titles.

101 Fishing
Angling and sea fishing. **12018413**

101 Golf
Ideal for golfers. **12018513**

101 You & Your Dog
Where dogs are welcome. **12018113**

WOW Country guides now include a FREE Alan Rogers Travel card with extra benefits and savings! These books offer a unique update facility - you can return unsold books to Grove Products and we will replace them free of charge with the new years book. Time barring applies please speak with your sales contact to make sure you don't miss out!

Manuals and Books

The caravan manual
Content includes guidance on maintaining older caravans as well as detailed information on recent developments **120175**

The motorcaravan manual
This comprehensive illustrated manual is full of practical information and advice for both the novice and the experienced owner **120177**

Build your own motorcaravan book
The complete guide to van conversions, coachbuilds and major renovation projects **120178**
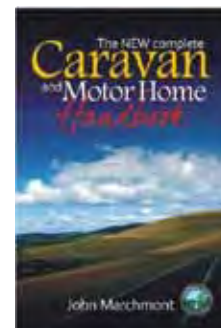
The caravan & motor home handbook
This book contains information on all aspects of caravan and motorhome ownership **120173**
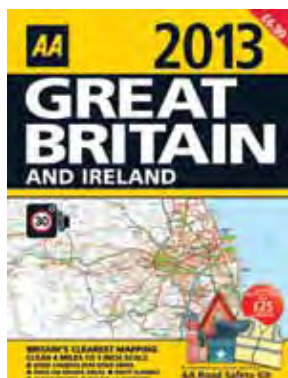
AA road atlas GB
A3. Clear 4 miles to 1 inch scale. Fully updated, route planner and 8,000 places to visit. New speed camera locations. 10 per outer **120200**
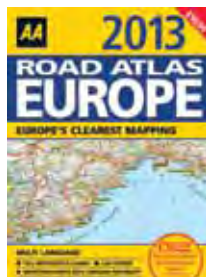
AA road atlas Europe
A4 Multi scale coverage of Europe, 45 countries, 34 city route maps. Available singly or 10 per outer **120202**
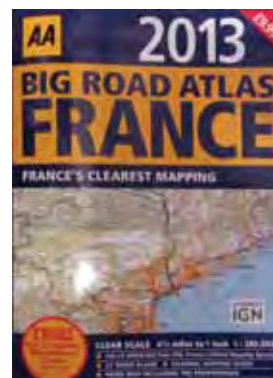
AA road atlas France
A3. Clear scale, 20 town plans. Available singly or 10 per outer **120204**

I-Spy books

All packed 6 per outer
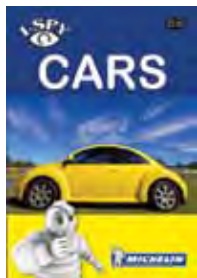I-Spy Merchandiser **120265** Please ask your representative for details
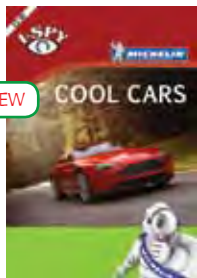
WOW The perfect travelling companion for children
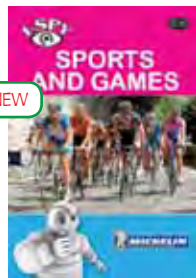
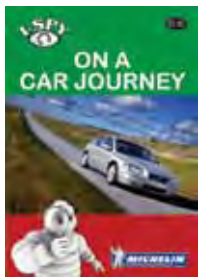**Every Vehicle on the Road**
120254

Car Badges
120248

Cars
120242

NEW **Cool cars**
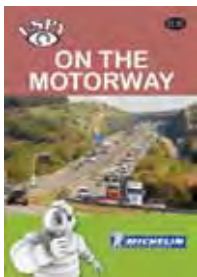120236

NEW **Sports & games**
120230
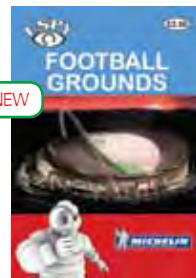
NEW **Football grounds**
120232

On a Car Journey
120245

On a car Journey in France 120256

On the Motorway
120251
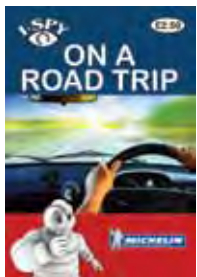
On a Road Trip 120255
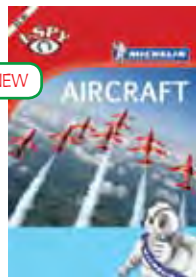
NEW **Aircraft**
120235

Camping
120247
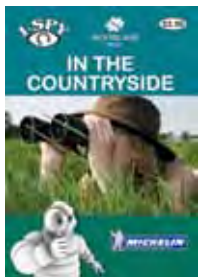
In the Countryside
120252

At the Seaside 120246

NEW **Minerals, rocks & fossils** 120233
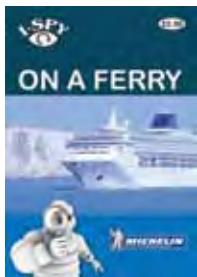
On a Ferry
120253

NEW **On the water**
120239
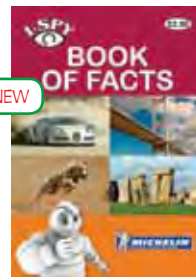
NEW **Book of facts**
120231

Nature
120244

Birds
120241

Creepy Crawlies
120243

NEW **Animals**
120238

NEW **Dogs**
120237
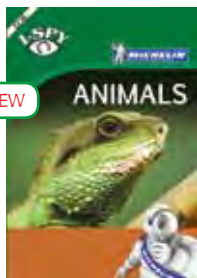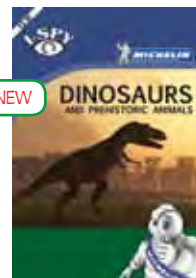
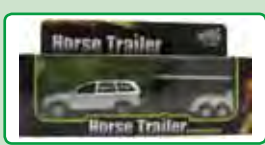NEW **Dinosaurs**
120234

Toys

Sea cruiser transporter
6 per display outer
124074

Jeep with leisure vehicle
6 per display outer
124072

Horse trailer
6 per display outer
124071

Motorhome & trailer
6 per display outer
124070

Holiday fun car & caravan
6 per display outer
124069

Dukdalf

Dukdalf

WOW 4 year warranty on all items!

The new Dukdalf camping furniture range is produced in the Netherlands.
All of our Dukdalf chairs have a unique folding system using a sliding hinge and Italian designed upholstery.

DYNAMIC

Seat: 47 x 44 cm.
Seat-height: 45 cm.
Backrest: 77 cm.
Folded: 100 x 61 x 9 cm.
Weight: 4 kg.
Maximum capacity 140 kg.
Material: 70% PVC, 30% Polyester

A stable and compact chair with an ergonomically shaped back and seat. It can be folded to less than 9cm thickness and thanks to it's special design. The frame of double reinforced anodised oval aluminium tube makes the chair not only very strong but also very light. Thanks to the 10 position adjustable extra wide armrests, the chair can be used from comfortable chair to an almost horizontal relaxed recliner (using the optional leg rest).
Available singly or 4 per outer
Blue **107601**
Grey (as illustrated) **107602**

DYNAMIC L

Seat: 47 x 44 cm.
Seat-height: 50 cm.
Backrest: 80 cm.
Folded: 110 x 61 x 9 cm.
Weight: 4.2 kg.
Maximum capacity 140 kg.
Material: 70% PVC, 30% Polyester

Also a stable and compact chair with an ergonomically shaped back and seat. It has an extra tall back and higher seating position than the Dynamic. It can also be folded to less than 9cm thickness thanks to it's special design. The frame of double reinforced anodised oval aluminium tube makes the chair not only very strong but also very light. Thanks to the 10 position adjustable extra wide armrests, the chair can be used from comfortable chair to an almost horizontal relaxed recliner (using the optional leg rest).
Available singly or 4 per outer
Blue (as illustrated) **107605**
Grey **107606**

ASPEN

Seat: 49 x 43 cm.
Seat-height: 44 cm.
Backrest: 78 cm.
Folded: 108 x 60 x 10 cm.
Weight: 2.8kg.
Maximum capacity 100 kg.
Material: 70% PVC, 30% Polyester

Very light weight, the Aspen chair has a round aluminium tubular frame. It can be folded to 10cm thickness and reclines in 8 positions. It features a high back with built-in head rest.
Available singly or 2 per outer
Blue **107617**
Grey (as illustrated) **107618**

Legrest DYNAMIC F

The ergonomic legrest fits all Dukdalf chairs and offers extra comfort. Simply lays across the sampler bar attached to each chair, turning a comfortable chair into a relaxer. Oval legs.
Dimensions folded: 86 x 49 x 8 cm
Maximum capacity: 25 kg.
Available singly or 4 per outer
Blue **107613**
Grey **107614**

Legrest SAMPLER

The ergonomic legrest fits all Dukdalf chairs and offers extra comfort. Simply lays across the sampler bar attached to each chair, turning a comfortable chair into a relaxer. Tubular legs.
Dimensions folded: 86 x 49 x 8 cm
Maximum capacity: 25 kg.
Available singly or 4 per outer
Blue **107621**
Grey **107622**

Camping table STABILIC

With a fast and stepless variable height, the table can almost easily be set at the correct height (56 - 72cm). The tables from the Stabilic series are equipped with a quality Sevelit table top, with up to 50 kg max load. Heat resistant up to 180°C, waterproof and easy to clean. Individually boxed.
Available in 2 sizes.
Stabilic I 107650
80 x 60 x 56-72cm. 6 kg.

Stabilic II 107651
100 x 68 x 56-72cm. 9 kg.

Both tables are 4.5cm deep when folded

Furniture

Chairs

Deck chair khaki
W62cm x D55cm x H78cm
4 per pack **109801**

Sling chair khaki
W58cm x D72cm x H93cm
4 per pack **109805**

Deck chair khaki with table
4 per pack **109803**

Relaxers

Relaxer chair small
Dimensions H115cm x W65cm x D73cm
Weight 7.4kg
107460 Cream
107461 Black

Relaxer chair large
Dimensions H115cm x W75cm x D73cm
Weight 9kg
107466 Black/brown

WOW Extra wide!

Cup holder for relaxer chairs
107470

Children's sleeping bags

Sleeping bags with 50% Polyester 50% Cotton outer, 100% hollofibre filled, washable, non allergenic, zipped detachable pillow & pillow case. Size 42x66cm/26x56" approximately

America
8 per outer **123016**

Teddies
8 per outer **123017**

Dalmation blue
8 per outer **123018**

Dalmation red
8 per outer **123019**

Dalmation pink
8 per outer **123020**

Adult sleeping bags

All adult bags are 52oz filling.
Dimensions: 200cm x 91cm approx.

Red check microfibre
6 per outer **123144**

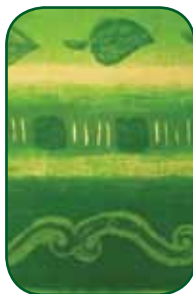**Green check microfibre**
6 per outer **123145**

Inca maroon hollofibre
6 per outer **123116**

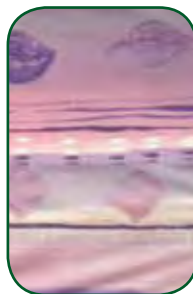WOW Reversible, zip any two of the same bag together to make a double bag

Sahara hollofibre 6 per outer
Maroon **123121**
Green **123122**
Terracotta **123123**
Lilac **123124**

Mattress Toppers

Memory foam mattress topper
Orthopaedic, non allergenic, visco elastic memory foam. Temperature sensitive foam moulds to your body's heat & weight to provide the right amount of support your body needs to aid a restful nights sleep.
Single size 90cm x 190cm x 2.5cm
123295
Double size 135cm x 190cm x 2.5cm
123296