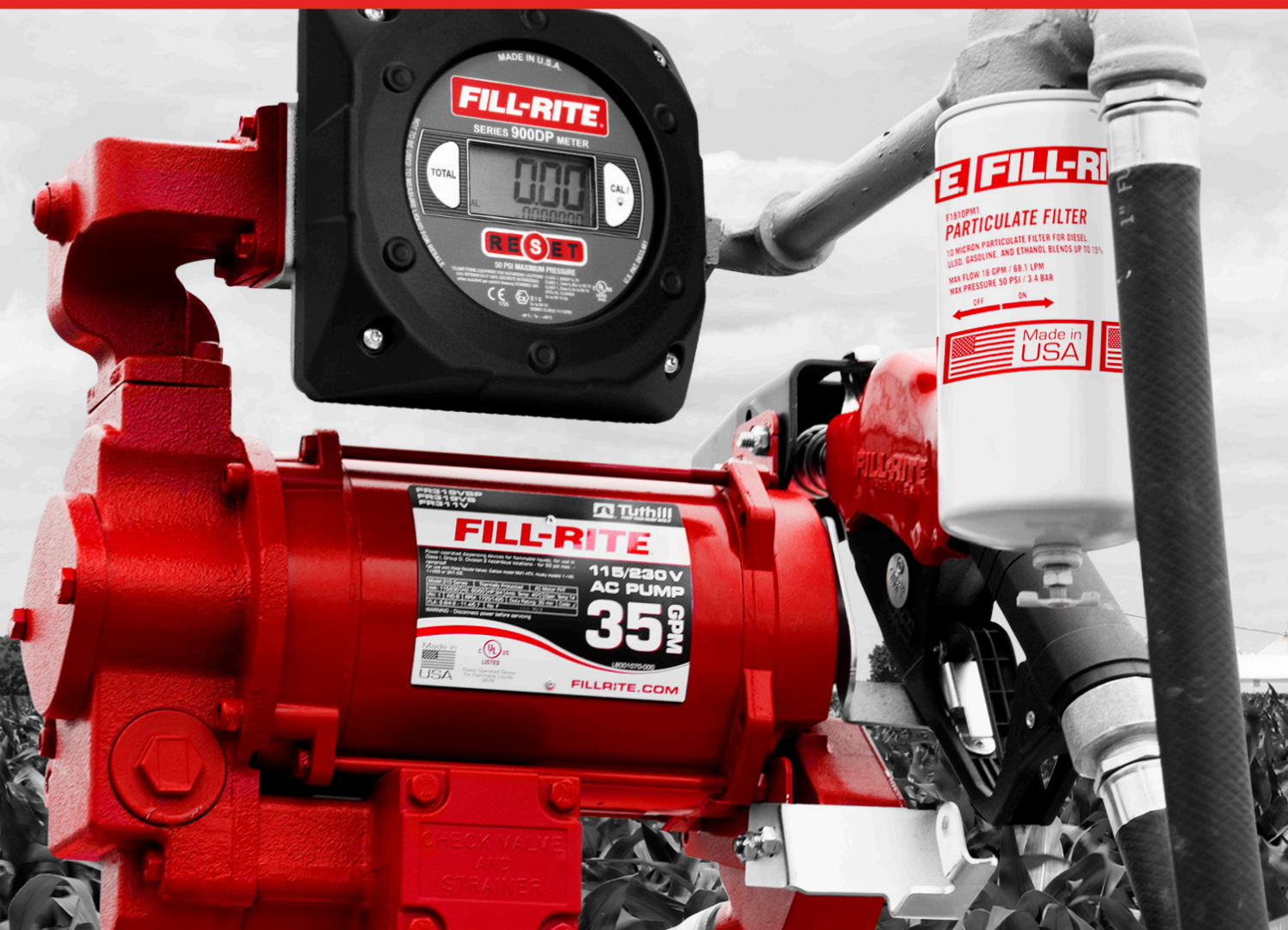


Tuthill

PUMP YOUR HEART INTO IT

FILL-RITE®

SOTERA®





THE MOST TRUSTED NAME IN PUMPS AND METERS.

This statement is at the core of our brand promise. We work each day to make great products even better, and introduce new technologies to make fuel transfer easier, faster, and safer. Because of this, our bright red pumps are found on more farms and job sites around the world than any other brand.

Over the past few years we have introduced the industry's first UL listed portable fuel transfer pump for gasoline. We also brought you the industry's first DC, continuous duty fuel transfer pump, and with it, introduced nextec Intelligence®.

While nobody can predict the future, you can trust Fill-Rite and Tuthill to continue to lead the field in design and technology advancements.



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TUTHILL CORPORATION IS A PRIVATELY HELD GLOBAL MANUFACTURER OF INDUSTRIAL GOODS SPECIALIZING IN ROTATING EQUIPMENT SUCH AS PUMPS, METERS, VACUUM SYSTEMS AND BLOWERS.

From heavy oils to motor fuels, from tomato paste to process gasses, from standard pressures to deep vacuums, we move it and measure it with reliability that's measured in decades. And that's only part of our story. The rest of our story lives within our people. Our Conscious

Company culture attracts and supports the kind of people who understand what our customers want and what they need - the kind of people who listen well and gain trust by following through on each and every commitment they make.

Customers who demand excellence are a gift to us, for it is through their reminders and their encouragement that we will one day grow to be counted among the world's Top 1% industrial companies.



COMPASS

OUR PURPOSE

WAKE THE WORLD

We invite a powerful aliveness. We make space for hearts - the original pumps - to thrive. When we come alive, the world comes along.

OUR VISION

A LEGION OF LIKE-HEARTED PEOPLE WITH ASTOUNDING IMPACT.

An ingenious company supporting flourishing families and spirited communities.

OUR MISSION

MAKING REAL THINGS THAT REALLY MAKE A DIFFERENCE.

From our hearts to our heads to our hands, we dare to make better.

OUR WAY

LIVING OUR COMMON VALUES. CREATING THE UNCOMMON.

A life full of curiosity, clarity, grit, grace, gratitude, and love.

OUR BRAND

IT'S WHO WE ARE, WHAT WE DO, AND WHAT WE SAY.

It all starts with me. Here. Now.



THE HEART IS THE ORIGINAL PUMP

ALL OF US ARE BORN WITH A PUMP INSIDE: OUR HEARTS. AS CHILDREN, THIS ORIGINAL PUMP FUELED OUR DREAMS AND OUR CREATIONS. AS ADULTS, OUR HEARTS CONTINUE TO THUMP, BUT ARE THEY TRULY THRIVING? AT OUR CORE, THE ENERGY IS STILL THERE. WE YEARN TO RELEASE IT – TO OPEN OUR EYES WIDER, REACH OUR ARMS OUT FARTHER, AND DO WHAT MAKES OUR HEARTS BEAT FASTER.

Tuthill has always been a company with heart. In our early days, we made the bricks that helped make Chicago, relying on horses to carry the clay. Some days, the heat and haul were too much for their hearts – and ours – to bear. So we created an oil pump to power a truck, saving our four-legged friends and laying the foundation for our future.

Today, we make pumps, blowers, and vacuums, daring to make them better every day. But the original pump – the heart – is still at our company’s core. We’re on a journey to become a Conscious Company, inviting the entire Tuthill community to come alive in everything we believe, say, and create. And we’re extending that invitation beyond our walls. To have a seismic impact on our world, all hearts are vital. When our hearts are awake, our energy is contagious, and we make ripples that can move millions. The world needs people who are alive from the heart. Because when we come alive, the world comes along.

FILL-RITE®

NEW! NX25-DDC

For Gasoline / Diesel / B20 / E-15 / Kerosene



The industry's first
CONTINUOUS DUTY
fuel transfer pump

NX25-DDC Series Continuous Duty

Flow 25 GPM (95 LPM)

1 1/4" inlet | 1" outlet
2" NPT or BSPT tank mount, or foot mount
Cast iron pump housing

1/3 HP motor | Rated to -40°F/-40°C
Continuous duty for fuel transfer



Included Accessories

20' removable power cord | 35A fuse w/heavy duty holder | Elbow

| | | |
|---------------|----------|--|
| NX25-DDCNB-PX | N | Bung mount, 20' power cable (10/3 awg) |
| NX25-DDCNB-AA | N | 18' hose, ultra hi-flow nozzle, bung mount, 20' power Cable (10/3 awg) |
| NX25-DDCNF-PX | N | Foot mount, 20' power cable (10/3 awg) <i>(Pictured right)</i> |
| NX25-DDCNF-AA | N | 18' hose, ultra hi-flow nozzle, foot mount, 20' power Cable (10/3 awg) |
| NX25-DDCBB-PX | B | Bung mount, 20' power cable (10/3 awg) |
| NX25-DDCBF-PX | B | Foot mount, 20' power cable (10/3 awg) |





THE FUTURE OF FUEL TRANSFER IS HERE.

CONTINUOUS, ALL-DAY FUELING

- ✓ **CONTINUOUS DUTY** - Transfer fuel all day
- ✓ **TRUE 25 GPM** - High flow fuel transfer rates at the nozzle
- ✓ **INTELLIGENT TONES** - Indicate where attention is needed
- ✓ **VARIABLE SPEED MOTOR** - Optimize performance and improve suction lift
- ✓ **LIGHTWEIGHT** - Hassle-free installation
- ✓ **AUTO POWER DOWN AFTER 20 MINUTES** - Reduce energy costs
- ✓ **MAGNETIC SWITCH** - Smooth operation and field replaceable
- ✓ **SLOW DOWN IN BYPASS** - Reduce energy consumption
- ✓ **REMOTE ON/OFF** - Ideal for tall, above ground tanks
- ✓ **REDUCED VAPOR LOCK** - Keep running in harsh summer temperatures

nextec Intelligence® is an exclusive array of design advancements, technologies and user functionalities that take pump performance to unprecedented levels. Intelligent Tones™ inform when attention is needed. A variable speed motor automatically adjusts for peak performance with improved suction lift. More compact, lighter, and less amp draw—it sets a new standard for efficiency.



FILL-RITE®

12V Mobile DC Transfer Pumps

For Gasoline / Diesel / B20 / E-15 / Kerosene / Mineral Spirits



For in-bed truck tanks

For mobile tanks used in farming or construction

Great emergency response pump

FR4200 Series Heavy Duty

Flow 20 GPM (75 LPM)

1" inlet | 1" outlet
2" NPT or BSPT tank mount
Cast iron pump housing

1/4 HP motor | 19 amp draw
30-minute duty cycle
8' suction lift, maximum



Included Accessories

12' hose | 18' 12-gauge 2-wire battery cable | 5' ground wire | Telescoping steel suction pipe 20" to 34 1/2" | 90° Street Elbow, Gal.

| | | |
|------------|----|---|
| FR4204H | N | Pump only, ground wire, elbow *Accessories not included |
| FR4210H | N | Manual nozzle |
| FR4210HB | N | Ultra high flow automatic nozzle (truck stop spout) |
| FR4210HD | N | Automatic high flow nozzle (green cover) |
| FR4210HDS | N | Automatic high flow nozzle (green cover), 1" multiplane swivel |
| FR4211H | N | Manual nozzle, 901C gallon meter <i>(Pictured below)</i> |
| FR4211HL | N | Manual nozzle, 901CL liter meter |
| FR4219H | N | Manual nozzle, TT10AN meter |
| FR4210HBFQ | N | 18' hose, Ultra high flow automatic nozzle (truck stop spout), 25' 10-gauge 2-wire battery cable with clamps, 30 micron particulate filter, Filter head with hardware |
| FR4210HARC | NA | Arctic 20' Hose, Automatic arctic nozzle (leaded spout/blue cover), 1" multiplane swivel |

Included Accessories

3.6 m Hose | 5.5 m 3-wire battery cable | 1.5 m ground wire with clip | Telescoping steel suction pipe 51-88 cm

| | | |
|------------|---|---|
| FR4205HE | B | Pump with 1" BSPP discharge, 1" BSPP suction port, 2" BSPT tank mount only *Accessories not included |
| FR4210HE | N | Manual nozzle |
| FR4210HEB | N | Ultra high flow automatic nozzle (truck stop spout) |
| FR4211HE | N | Manual nozzle, 901C gallon meter |
| FR4211HEL | N | Manual nozzle, 901CL liter meter |
| FR4211HEBL | N | Ultra high flow automatic nozzle (truck stop spout), 901CL liter meter |





FR1200 Series Heavy Duty

Flow 15 GPM (57 LPM)

1" inlet | 3/4" outlet
2" NPT or BSPT tank mount
Cast iron pump housing

1/4 HP motor | 20 amp draw
30-minute duty cycle
8' suction lift, maximum (*diesel*)



Included Accessories

12' hose | 18' 12-gauge 2-wire battery cable | 5' ground wire | Telescoping steel suction pipe 20" to 34 1/2" | 90° Street Elbow, Gal.

| | | |
|------------|----|--|
| FR1204H | N | Pump, ground wire, elbow *Accessories not included |
| FR1210H | N | Manual nozzle (<i>Pictured right</i>) |
| FR1210HA | N | Automatic nozzle (unleaded spout/red cover) |
| FR1210HA1 | N | Automatic nozzle (leaded spout/green cover) |
| FR1211H | N | Manual nozzle, 807C gallon meter |
| FR1211HL | N | Manual nozzle, 807C liter meter |
| FR1219H | N | Manual nozzle, TT10AN meter |
| FR1210HARC | NA | Arctic 15' Hose, Automatic arctic nozzle (leaded spout/blue cover), 3/4" multiplane swivel |



Included Accessories

3.6 m Hose | 5.5 m 3-wire battery cable | 1.5 m ground wire with clip | Telescoping steel suction pipe 51-88 cm

| | | |
|------------|---|--|
| FR1205HE | B | Pump with 3/4" BSPP discharge, 1" BSPP suction port, 2" BSPT tank mount only *Accessories not included |
| FR1210HE | N | Manual nozzle |
| FR1210HEA | N | Automatic nozzle (unleaded spout/red cover) |
| FR1211HE | N | Manual nozzle, 807C gallon meter |
| FR1211HEL | N | Manual nozzle, 807C liter meter (<i>Pictured right</i>) |
| FR1211HELA | N | Automatic nozzle (unleaded spout/red cover), 807C liter meter |

SD1200 Series Standard Duty

Flow 13 GPM (49 LPM)

1" inlet | 3/4" outlet
2" NPT tank mount
Cast iron pump housing

1/4 HP motor | 20 amp draw
30 minute duty cycle



Included Accessories

10' hose | 15' 12-gauge 2-wire battery cable | 5' ground wire | 2-piece suction pipe 15 1/4" to 29 1/4" | 90° Street Elbow, Gal.

| | | |
|----------|---|---|
| SD1202H | N | Manual nozzle (<i>Pictured right</i>) |
| SD1202HA | N | Automatic nozzle (unleaded spout/red cover) |



FILL-RITE®

24V DC Mobile Transfer Pumps

For Gasoline / Diesel / B20 / E-15 / Kerosene

FR2400 Series Heavy Duty

Flow 15 GPM (57 LPM)

1" inlet | 3/4" outlet
2" NPT or BSPT tank mount
Cast iron pump housing

1/4 HP motor | 10 amp draw
30-minute duty cycle
8' suction lift, maximum (*diesel*)



Included Accessories

12' hose | 18' 12-gauge 2-wire battery cable | 5' ground wire | Telescoping steel suction pipe 20" to 34 1/2" | 90° Street Elbow, Gal.

| | | |
|----------|---|--|
| FR2404H | N | Pump, ground wire, elbow *Accessories not included |
| FR2410H | N | Manual nozzle |
| FR2411H | N | Manual nozzle, 807C gallon meter (<i>Pictured below</i>) |
| FR2411HL | N | Manual nozzle, 807C liter meter |

Included Accessories

3.6 m Hose | 5.5 m 3-wire battery cable | 1.5 m ground wire with clip | Telescoping steel suction pipe 51-88 cm

| | | |
|------------|---|---|
| FR2405HE | B | Pump, ground wire, elbow, and cable only with 3/4" BSPP discharge, 1" BSPP suction port, 2" BSPT tank mount |
| FR2410HE | N | Manual nozzle |
| FR2410HEL | N | Manual nozzle, 807C liter meter |
| FR2410HEA | N | Automatic nozzle (unleaded spout/red cover) |
| FR2410HELA | N | Automatic nozzle (unleaded spout/red cover), 807C liter meter |

FR4400 Series Heavy Duty

Flow 20 GPM (75 LPM)

1" inlet | 1" outlet
2" NPT or BSPT tank mount
Cast iron pump housing

1/4 HP motor | 13 amp draw
30-minute duty cycle
8' suction lift, maximum (*diesel*)



Included Accessories

12' hose | 18' 12-gauge 2-wire battery cable | 5' ground wire | Telescoping steel suction pipe 20" to 34 1/2" | 90° Street Elbow, Gal.

| | | |
|---------|---|---------------|
| FR4410H | N | Manual nozzle |
|---------|---|---------------|

Accessories

5.5 m 3-wire battery cable | 1.5 m ground wire with clip

| | | |
|----------|---|--|
| FR4405HE | B | 1" BSPP discharge, 1" BSPP suction port, 2" BSPT tank mount, 1.5 m ground wire with clip |
|----------|---|--|

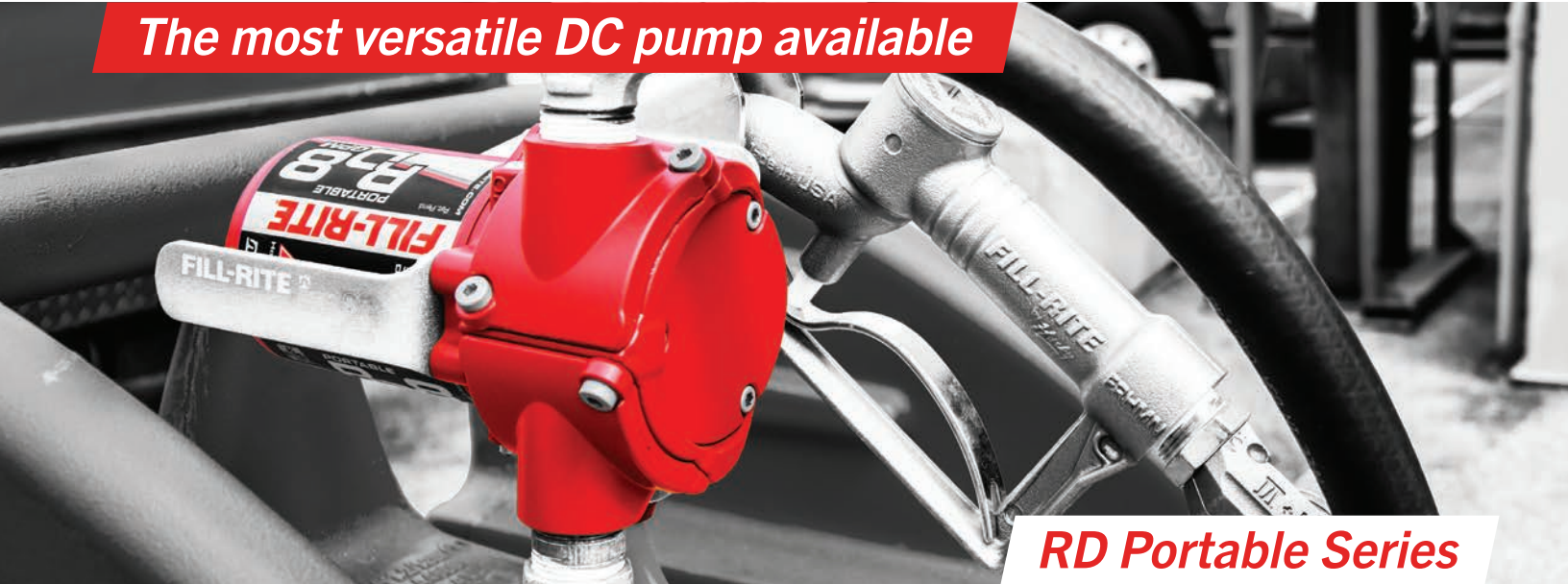




FILL-RITE®

12V Portable DC Transfer Pumps For Gasoline / Diesel / B20 / E-15 / Kerosene

The most versatile DC pump available

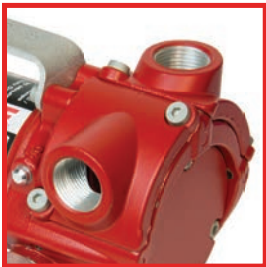


RD Portable Series



CONFIGURABLE FLANGES

Position the inlet and outlet hoses to fit your needs. Remove two bolts and rotate the flange.



QUICK CONNECT POWER CORD

Simple, quick and safe connection to your power source.

ALUMINUM CONSTRUCTION

Pump weighs only 7 lbs.



MULTIPLE MOUNTING OPTIONS

Bung mount, foot mount, or handheld; versatile enough to fit your application.



RD Portable Series Heavy Duty

Flow 12 GPM (45 LPM)

3/4" inlet | 3/4" outlet
Multiple mounting options
Aluminum construction

1/6 HP motor | 14 amp draw
30-minute duty cycle



Included Accessories

3/4" x 8' discharge hose | 6' suction hose | 10' quick connect power cord with battery clips

RD1212NN **N** Power cord and pump only *Accessories not included

RD1212NH **N** Manual nozzle (Pictured below)

RD1212NP **N** Manual nozzle, 23"-41" Telescoping suction tube, Nozzle boot, Bung mount tank adapter

Included Accessories

4.5 m quick connect power cord with battery clips

RD1212BN **B** Power cord and pump only *Accessories not included

Flow 8 GPM (30 LPM)

3/4" inlet | 3/4" outlet
Multiple mounting options
Aluminum construction

1/6 HP motor | 14 amp draw
30-minute duty cycle



Included Accessories

5/8" x 8' discharge hose | 6' suction hose | 10' quick connect power cord with battery clips

RD812NN **N** Power cord and pump only *Accessories not included

RD812NH **N** Manual nozzle (Pictured right)

RD812NP **N** Manual nozzle, 23"-41" Telescoping suction tube, Nozzle boot, Bung mount tank adapter

Included Accessories

4.5 m quick connect power cord with battery clips

RD812BN **B** Power cord and pump only *Accessories not included

1600 Series Standard Duty

Compatible with Diesel fuels only

Flow 10 GPM (38 LPM)

3/4" inlet | 3/4" outlet
Cast iron pump housing

1/5 HP motor | 17 amp draw
30-minute duty cycle



Included Accessories

6' 12-gauge 2-wire battery cable with clips and 30 amp fuse

FR1612 **N** Pump Only *Accessories not included

FR1614 **N** Plastic nozzle, 8' PVC suction and discharge hoses, Inlet strainer, 2 Hose barbs, 4 Hose clamps

FR1616 **N** Plastic nozzle, 21"-38 1/2" Poly telescoping suction pipe, 8' Discharge PVC hose, 1 Hose barb, 2 Hose clamps

FILL-RITE®

115V AC Fixed Transfer Pumps For Gasoline / Diesel / B20 / E-15 / Kerosene



For fixed tanks used in farming or construction

Great emergency response pump

FR600 Series Heavy Duty

Flow 15 GPM (57 LPM)

1" inlet | 3/4" outlet
2" NPT or BSPT tank mount
Cast iron pump housing

1/6 HP motor | 2 amp draw
30-minute duty cycle
6.5' suction lift (*diesel*)



Included Accessories

12' hose | Telescoping steel suction pipe 20" to 34 1/2" | 90° Street Elbow, Gal.

| | | |
|---------|---|---|
| FR604H | N | Pump only with elbow *Accessories not included |
| FR610H | N | Manual nozzle |
| FR610HA | N | Automatic nozzle (unleaded spout/red cover) (<i>Pictured right</i>) |



SD600 Series Standard Duty

Flow 13 GPM (49 LPM)

1" inlet | 3/4" outlet
2" NPT tank mount
Cast iron pump housing

1/6 HP motor | 2 amp draw
30-minute duty cycle



Included Accessories

12' hose | 3-piece suction pipe 15 1/4" to 43 1/4" | 90° Street Elbow, Gal.

| | | |
|--------|---|---------------|
| SD602H | N | Manual nozzle |
|--------|---|---------------|



FILL-RITE®

NEW! NX25-120/240
For Gasoline / Diesel / B20 / E-15 / Kerosene



The industry's first
CONTINUOUS DUTY
fuel transfer pump

NX25-120/240 Series Continuous Duty

Flow 25 GPM (95 LPM)

1 1/4" inlet | 1" outlet
NPT or BSPT tank mount, or foot mount
Cast iron pump housing

1/3 HP motor | Rated to -40°F/-40°C
Continuous duty for fuel transfer
3.5 amp draw | 14' lift (diesel)



| | | |
|----------------|----------|---|
| NX25-120NB-PX | <i>N</i> | 120V pump only, bung mount |
| NX25-120NB-AA | <i>N</i> | 120V pump, bung mount, 18' hose, ultra hi-flow nozzle |
| NX25-120NB-AB | <i>N</i> | 120V pump, bung mount, 18' hose, ultra hi-flow nozzle, 900CD meter |
| NX25-120NB-AC | <i>N</i> | 120V pump, bung mount, 18' hose, ultra hi-flow nozzle, 900CDP meter |
| NX25-120NB-AD | <i>N</i> | 120V pump, bung mount, 20' arctic hose, arctic auto nozzle |
| NX25-120NB-AE | <i>N</i> | 120V pump, bung mount, 20' arctic hose, arctic auto nozzle, 900CD meter |
| NX25-120NF-PX | <i>N</i> | 120V pump only, foot mount (Pictured right) |
| NX25-120NF-AA | <i>N</i> | 120V pump, foot mount, 18' hose, ultra hi-flow nozzle |
| NX25-240NF-PX* | <i>N</i> | 240V pump only, foot mount |
| NX25-240BF-PX* | <i>B</i> | 240V pump only, foot mount |
| NX25-240BB-PX* | <i>B</i> | 240V pump only, bung mount |



*NX25-240 coming soon

N - NPT threads *B* - BSPP threads

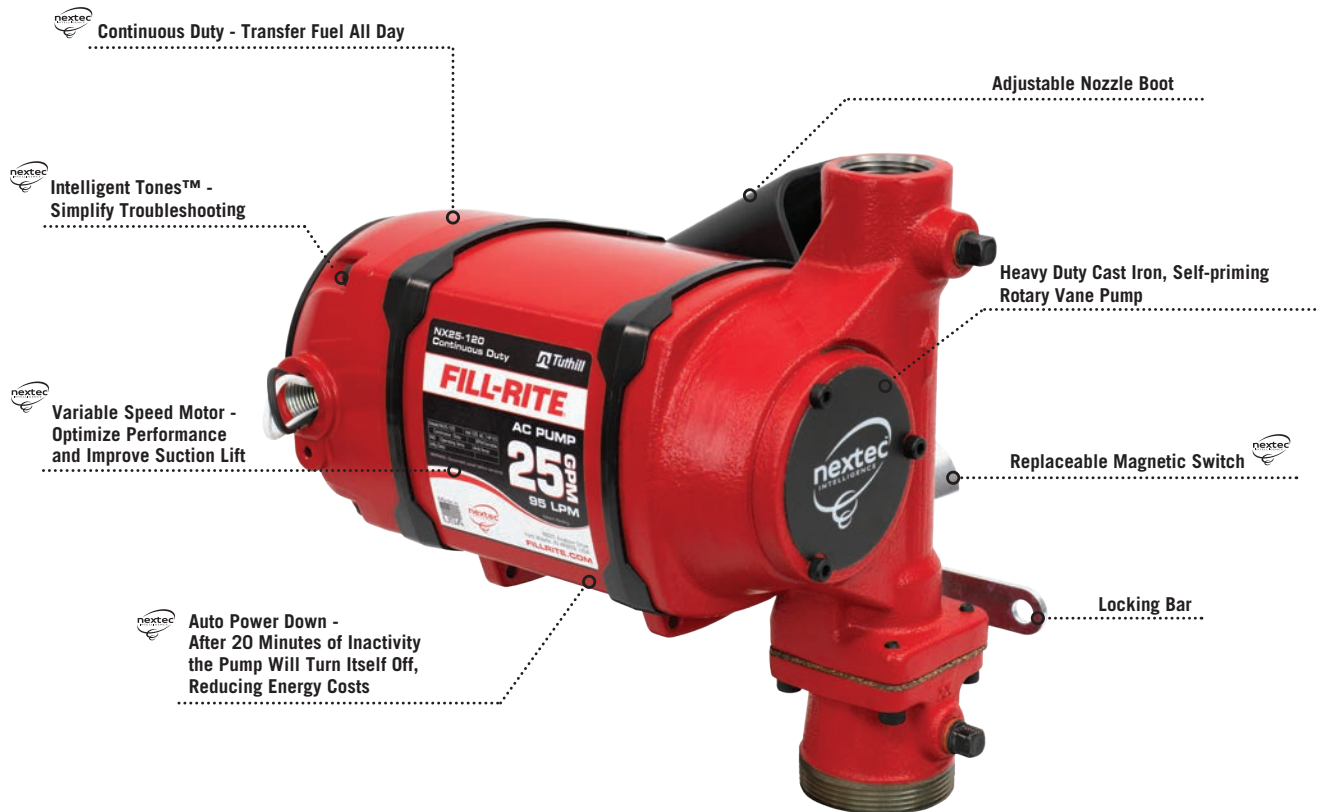


THE FUTURE OF FUEL TRANSFER IS HERE.

CONTINUOUS, ALL-DAY FUELING

- ✓ **CONTINUOUS DUTY** - Transfer fuel all day
- ✓ **TRUE 25 GPM** - High flow fuel transfer rates at the nozzle
- ✓ **INTELLIGENT TONES** - Indicate where attention is needed
- ✓ **VARIABLE SPEED MOTOR** - Optimize performance and improve suction lift
- ✓ **LIGHTWEIGHT** - Hassle-free installation
- ✓ **AUTO POWER DOWN AFTER 20 MINUTES** - Reduce energy costs
- ✓ **MAGNETIC SWITCH** - Smooth operation and field replaceable
- ✓ **SLOW DOWN IN BYPASS** - Reduce energy consumption
- ✓ **REMOTE ON/OFF** - Ideal for tall, above ground tanks
- ✓ **REDUCED VAPOR LOCK** - Keep running in harsh summer temperatures

nextec Intelligence® is an exclusive array of design advancements, technologies and user functionalities that take pump performance to unprecedented levels. Intelligent Tones™ inform when attention is needed. A variable speed motor automatically adjusts for peak performance with improved suction lift. More compact, lighter, and less amp draw—it sets a new standard for efficiency.



FILL-RITE®

115/230V AC Fixed Transfer Pumps For Diesel / B20 / Kerosene



High flow great for fueling fleets

For fixed tanks used in farming or construction

FR300 Series Heavy Duty

Flow 35 GPM (132 LPM)

1 1/4" inlet | 1" outlet
2" NPT or BSPT tank mount
Cast iron pump housing

3/4 HP motor | Anti-siphon ready
30-minute duty cycle
18' suction lift (diesel)



Included Accessories

2" bung adapter | Check valve | Pressure relief valve | Strainer | Elbow

| | | |
|-----------|----|--|
| FR300VN | N | Pump only *Accessories not included (20 GPM/75 LPM, 1/2 HP motor) |
| FR303V | N | For use with AST remote pumps (20 GPM/75 LPM, 1/2 HP motor) |
| FR310VARC | NA | 20' arctic hose, Automatic arctic nozzle (unleaded spout/blue cover) |
| FR310VB | N | 18' hose, Ultra high flow automatic nozzle (truck stop spout) |
| FR310VN | N | Pump only *Accessories not included |
| FR311VB | N | 18' hose, Ultra high flow automatic nozzle (truck stop spout), 901C gallon mechanical meter |
| FR311VLB | N | 18' hose, Ultra high flow automatic nozzle (truck stop spout), 901CL liter mechanical meter |
| FR311VN | N | Pump only with 901C gallon mechanical meter |
| FR311VLN | N | Pump only with 901CL liter mechanical meter |
| FR313V | N | For use with AST remote pumps (DIESEL ONLY SYSTEM) |
| FR319VB | N | 18' hose, Ultra high flow automatic nozzle (truck stop spout), 900CD digital meter |
| FR319VBP | N | 18' hose, Ultra high flow automatic nozzle (truck stop spout), 900CDP digital meter with integrated pulse output |



Included Accessories

2" bung adapter | Check valve | Pressure relief valve | Strainer | Elbow

| | | |
|------------|---|-------------------------------------|
| FR310VN | N | Pump only *Accessories not included |
| FR311VELN | B | 901CL liter mechanical meter |
| FR310VEMN | B | Pump only *Accessories not included |
| FR311VELMN | B | 901CL liter mechanical meter |

FILL-RITE®

115/230V AC Fixed Transfer Pumps For Gasoline / Diesel / B20 / E-15 / Kerosene

FR700 Series Heavy Duty

Flow 20 GPM (75 LPM)

1 1/4" inlet
2" NPT or BSPP tank mount
Cast iron pump housing

Anti-siphon ready
30-minute duty cycle
15' suction lift (*diesel*)



Included Accessories

2" bung adapter | Check valve | Pressure release valve | Strainer | Elbow

| | | |
|----------|---|---|
| FR700V | N | 115V AC power, 3/4" outlet, Manual nozzle, 12' hose |
| FR701V | N | 115V AC power, 3/4" outlet, Manual nozzle, 807C gallon mechanical meter, 12' hose (<i>Pictured below</i>) |
| FR701VL | N | 115V AC power, 3/4" outlet, Manual nozzle, 807CL liter mechanical meter, 12' hose |
| FR710VB | N | 115V AC power, 1" outlet, Ultra high flow automatic nozzle (truck stop spout) |
| FR710VN | N | 115V AC power, 1" outlet, *Accessories not included |
| FR711VA | N | 115V AC power, 1" outlet, Ultra high flow automatic nozzle (truck stop spout), 901C gallon mechanical meter, 18' hose |
| FR711VLA | N | 115V AC power, 1" outlet, Ultra high flow automatic nozzle (truck stop spout), 901CL liter mechanical meter, 18' hose |
| FR711VBD | N | 115V AC power, 1" outlet, Ultra high flow automatic nozzle (truck stop spout), 900CD digital meter |
| FR713V | N | 115V AC power, for use with AST remote dispensers |

Included Accessories

3.6 m hose | 2" bung adapter | Check valve | Pressure relief valve | Strainer | Elbow

| | | |
|---------|---|--|
| FR713VE | N | 230V AC power, for use with AST remote pumps |
|---------|---|--|





NEW! Fuel Management System
fillrite.com/fms

**The Last FMS
You'll Ever Need**



Hardware

Low cost, full featured | Constant connectivity | Small footprint, big functionality
Easy, modular installation | 2-year warranty



Fill-Rite FMS hardware is compatible with most existing fuel pumps and meters. Installation is quick and simple and designed to scale with your business needs.

| | |
|---------|-------------------------|
| NXFM100 | Site controller |
| NXFM150 | 5 hose expansion module |

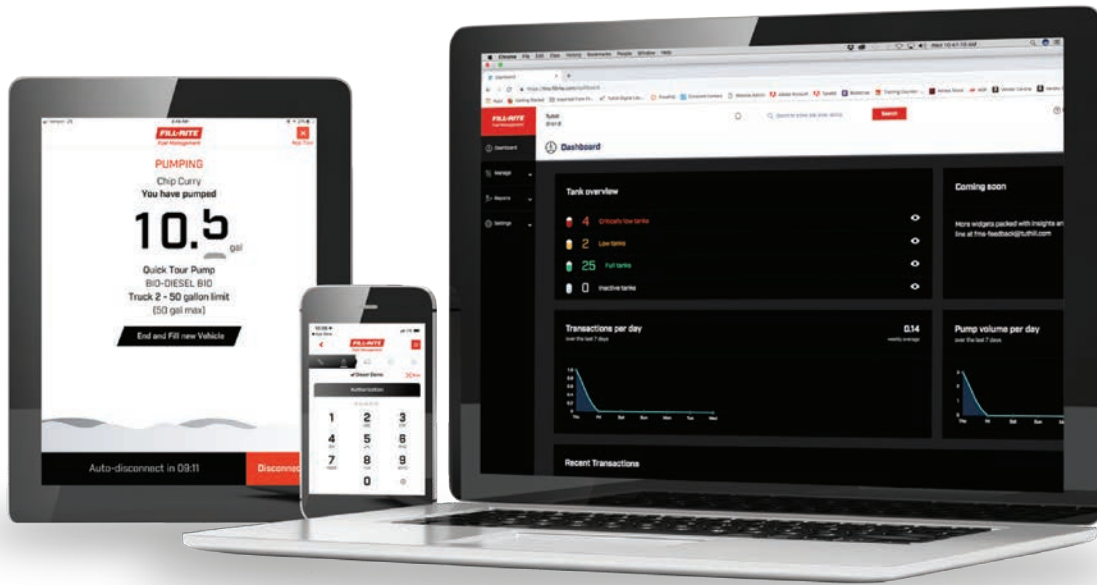
Accessories

| | |
|-----------|--|
| NXFMPED | Full Pedestal Assembly, FMS; includes FMXENC, FMIPAD, FMSIPADCS, FMPED |
| FMXENC | Extreme Temp Tablet Enclosure |
| FMIPAD | Standard Apple iPad with 32GB Memory and Cellular Ready |
| FMSIPADCS | Protective iPad Case |
| FMPED | Pedestal Only |

Extended Antennas

| | |
|----------|---|
| FMSANT05 | 2.4GHz 5dB Wi-Fi Antenna; SMA with SMA to uFL Adapter, 5 ft. Cable |
| FMSANT15 | 2.4GHz 5dB Wi-Fi Antenna; SMA with SMA to uFL Adapter, 15 ft. Cable |
| FMSANT35 | 2.4GHz 5dB Wi-Fi Antenna; SMA with SMA to uFL Adapter, 35 ft. Cable |





Mobile App

Use devices you already have
Secure your pumps

Say goodbye to pen and paper
Better fuel attribution

The app works with Android and iOS devices you use every day. Fuel access is gated behind driver-specific pin codes, helping protect you from theft and unauthorized transactions.



Web Portal

Customized, automated reports and paperwork
Instant visibility into all of your tanks

Advanced inventory management
Cloud-based software

Fill-Rite's web portal serves as your all-in-one fuel dashboard. Check inventory, run reports, and manage pump permissions from one place.

Your fuel data is available any time, anywhere, on any computer through your Fill-Rite FMS account. View real-time transactions and push out automatic updates to prevent fraud and control fuel use.

DOWNLOAD THE FREE "FILL-RITE FMS" APP NOW!
Try the demo to see just how easy full featured fuel management can be!



bit.ly/38gH5ck

REGISTER FOR THE FREE WEBINAR
to learn about the best fuel management tool in the industry

POWERFUL INNOVATION

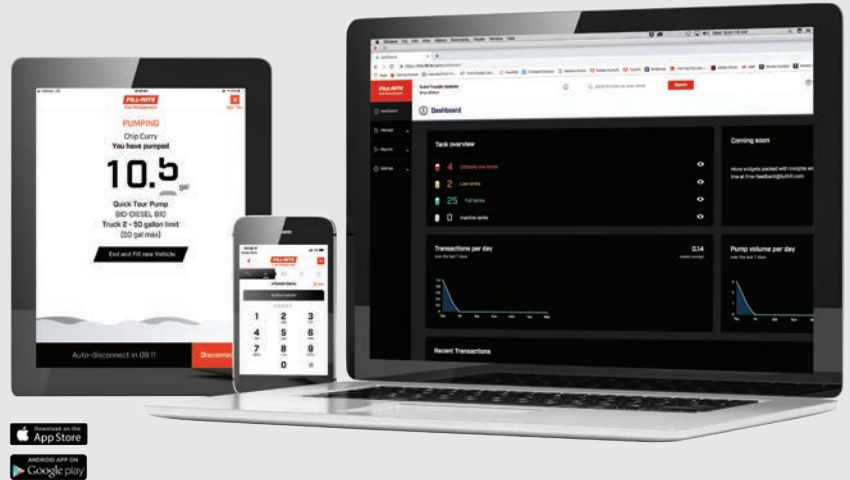
Solve all your fuel transfer needs with one simple solution



Fuel Management System

Fill-Rite's Fuel Management System (FMS) combines hardware, a mobile application, and a web portal to give users real-time control over their fuel. The average Fill-Rite FMS user saves over \$20K* annually using the tax refund feature alone!

*average savings based on 2019 analysis



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bit.ly/38gH5ck



NX25-120NB-AC with Pulse Output

NOW AVAILABLE

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info.tuthill.com/nx-launch



Contact your Fill-Rite representative today



800.634.2695 | 8825 Aviation Dr., Fort Wayne, IN 46809



FILL-RITE®

Hand Pumps

For Gasoline / Diesel / B20 / E-15 / Kerosene

Piston Hand Pumps

20 Gallons/100 Strokes

1" inlet | 3/4" outlet
2" NPT bung mount

Cast aluminum housing
47" suction lift (*diesel*)

Included Accessories

Vacuum breaker | Telescoping steel suction pipe 20" to 34 1/2"

| | | |
|-------|---|---|
| FR150 | N | Pump only w/ vacuum breaker *Accessories not included |
| FR151 | N | Pail spout |
| FR152 | N | Nozzle spout, 8' hose (<i>Pictured right</i>) |
| FR156 | N | 807C gallon meter, Nozzle spout, 8' hose |

11 Ounces/1 Stroke

1" inlet | Spout outlet
2" NPT bung mount

Included Accessories | Fluid Compatibility | Materials of Construction

| | | |
|-------|---|--|
| FR20V | N | Polypropylene telescoping suction pipe 19 3/4" to 35 1/2" Light oils, anti-freeze, coolant, hydraulic oils Polypropylene housing |
| SD11 | N | Pail spout, No drip valve, Telescoping steel suction pipe 20" to 34 1/2" Light oils, antifreeze, hydraulic fluid, diesel, kerosene Steel housing |



Rotary Hand Pumps

10 Gallons/100 Revolutions

1" inlet | 3/4" outlet
2" NPT bung mount

Cast aluminum housing
47" suction lift (*diesel*)

Included Accessories

Vacuum breaker | Telescoping steel suction pipe 20" to 34 1/2"

| | | |
|---------|---|---|
| FR110 | N | Pump only w/ vacuum breaker *Accessories not included |
| FR112 | N | Nozzle spout, 8' hose |
| FR112C | N | Gallon counter, Nozzle spout, 8' hose |
| FR112CL | N | Liter counter, Nozzle spout, 8' hose |
| FR113 | N | Pail spout |

7.5 Gallon/100 Strokes

3/4" inlet | Spout outlet
2" NPT bung mount

Cast iron housing

Included Accessories

Compatible with diesel, kerosene, machine oil, fuel oil, petroleum products

| | | |
|------|---|---|
| SD62 | N | Pail spout, 3-piece steel suction pipe 13" to 39" (<i>Pictured right</i>) |
|------|---|---|



FILL-RITE®

In-line Digital Turbine Meter For Gasoline / Diesel / Kerosene / Mineral Spirits



+/-1% accuracy rating

20 factory calibration presets

TT10 Series In-line Digital Turbine Meters

Flow 2-35 GPM (8-132 LPM)

+/-1% accuracy
1" inlet | 1" outlet NPT or BSPP threads
Impact damage resistance

User replaceable batteries (2 AA)
Easy field calibration | Memory backup
Install in-line, hose-end, or at the pump



Included Accessories | Additional Compatible Fluids | Materials of Construction

| | | |
|---------|---|---|
| TT10AN | N | 3/4" reducer bushings (2) Jet fuel, heptane, gasoline, diesel Aluminum |
| TT10ANC | N | E85, B100 biodiesel, non-potable water, jet fuel, lavatory water, gasoline, diesel Nickel-plated aluminum |
| TT10AB | B | Jet fuel, heptane, gasoline, diesel Aluminum |
| TT10ABC | B | E85, B100 biodiesel, non-potable water, jet fuel, lavatory water, gasoline, diesel Nickel-plated aluminum |



FILL-RITE®

Digital Display Meters

For Gasoline / Diesel / Biodiesel / E15 / Kerosene /
Heptanes / Stoddard Solvents / Mineral Spirits

900 Series Digital Meters

Flow 6-40 GPM (23-151 LPM)

+/-1.25% accuracy rating
1" | 1.5" inlet/outlet - NPT or BSPT threads
Memory backup in case of power failure

Field/factory calibration
90° movable electronic head
Powered by 2 AA batteries



Included Accessories | Inlet/Outlet Size

| | | |
|----------------|---|--|
| 900CD | N | 1" inlet/outlet (Pictured below right) |
| 900CD1.5 | N | 1.5" inlet/outlet |
| 900CDBSPT | B | 1" inlet/outlet |
| 900CD1.5BSPT | B | 1.5" inlet/outlet |
| 900CDP | N | Intrinsically safe barrier, pulse output 1" inlet/outlet (Pictured below left) |
| 900CDPBSPT | B | Intrinsically safe barrier, pulse output 1" inlet/outlet |
| 900CDP1.5 | N | Intrinsically safe barrier, pulse output 1.5" inlet/outlet |
| 900CDP1.5BSPT | B | Intrinsically safe barrier, pulse output 1.5" inlet/outlet |
| 900CDPX | N | Pulse output 1" inlet/outlet (Not for explosive atmospheres) |
| 900CDPX1.5 | N | Pulse output 1.5" inlet/outlet (Not for explosive atmospheres) |
| 900CDPXBSPT | B | Pulse output 1" inlet/outlet (Not for explosive atmospheres) |
| 900CDPX1.5BSPT | N | Pulse output 1.5" inlet/outlet (Not for explosive atmospheres) |



820 Series Nutating Disc Meter

Compatible with Water, Diesel, and Mild Chemicals

Flow 2-20 GPM (8-75 LPM)

+/-0.5% accuracy rating
1" NPT inlet/outlet
Factory/field calibration
Powered by 2 AA batteries
DEF Compatible



820 N Meter only

FILL-RITE®

Mechanical Meters

For Gasoline / Diesel / B20 / E15 / Kerosene

4-Wheel Mechanical Meters

Flow 6-40 GPM - *Gallon register*

+/-2% accuracy rating
Aluminum construction



Included Accessories | Inlet/Outlet Size

| | | |
|------------|---|---|
| 901C | N | 1" inlet/outlet |
| 901C1.5 | N | 1.5" inlet/outlet |
| 901CMK300 | N | Includes fittings and castings to mount on FR300 series pumps 1" inlet/outlet |
| 901CMK300V | N | Includes fittings and castings to mount on FR300V and FR700V series pumps 1" inlet/outlet <i>(Pictured above)</i> |
| 901CMK4200 | N | Includes fittings and castings to mount on FR4200 and FR710 series pumps 1" inlet/outlet |
| 901CN1.5 | N | Flouorocarbon seals 1.5" inlet/outlet <i>(Nickel-plated meter also compatible with biofuels)</i> |

Flow 23-151 LPM - *Liter register*

+/-2% accuracy rating
Aluminum construction



| | | |
|---------------|---|--|
| 901CL | N | 1" inlet/outlet |
| 901CLX418 | B | |
| 901CL1.5 | N | 1.5" inlet/outlet <i>(Pictured above)</i> |
| 901CL1.5X418 | B | |
| 901CLMK300 | N | Includes fittings and castings to mount on FR300 series pumps 1" inlet/outlet |
| 901CLMK300V | N | Includes fittings and castings to mount on FR300V and FR700V series pumps 1" inlet/outlet |
| 901CLMK4200 | N | Includes fittings and castings to mount on FR4200 and FR710 series pumps 1" inlet/outlet |
| 901CLN1.5 | N | Flouorocarbon seals 1.5" inlet/outlet <i>(Nickel-plated meter also compatible with biofuels)</i> |
| 901CLN1.5X418 | B | 1.5" inlet/outlet <i>(Nickel-plated meter also compatible with biofuels)</i> |

3-Wheel Mechanical Meters

Flow 5-20 GPM - *Gallon register*

+/-1% accuracy rating
Aluminum construction



Included Accessories | Inlet/Outlet Size

| | | |
|--------|---|---|
| 806C | N | 1" inlet/outlet <i>(Gravity feed model Pictured above)</i> |
| 807C | N | 3/4" inlet/outlet |
| 807C1 | N | 1" inlet/outlet |
| 807CMK | N | Includes fittings to mount on FR1200, FR2400, FR600, SD600, SD1200, and FR700V series pumps 3/4" inlet/outlet |
| 807CN1 | N | 1" inlet/outlet <i>(Nickel-plated meter also compatible with biofuels)</i> |

3-Wheel Mechanical Meters continued

Flow 19-75 LPM - Liter register

+/-1% accuracy rating
Aluminum construction



| | | |
|-------------|---|---|
| 806CL | N | 1" inlet/outlet (Gravity feed model) |
| 807CL | N | 3/4" inlet/outlet |
| 807CLX418 | B | |
| 807CL1 | N | 1" inlet/outlet |
| 807CL1X418 | B | |
| 807CLMK | N | Includes fittings to mount on FR1200, FR2400, FR600, SD600, SD1200, and FR700V series pumps 3/4" inlet/outlet |
| 807CLN1 | N | 1" inlet/outlet (Nickel-plated meter also compatible with biofuels Pictured above) |
| 807CNL1X418 | B | 1" inlet/outlet (Nickel-plated meter also compatible with biofuels) |

TN Series Meters Fluid compatibility varies per model



Flow 0.5-15 GPM (1.5-57 LPM)

+/-2% accuracy rating
1" | 1.5" NPT or BSPP inlet/outlet

TN740 - Max pressure 1,000 PSI / 69 bar

TN760 - Max pressure 400 PSI / 28 bar

Fluid Register | Flow Rate | Inlet/Outlet Size

For use with high viscosity lube oils

| | | |
|-----------------|---|---|
| TN740AN1CAA1LAI | N | Liter register 1.5-40 LPM 1" inlet/outlet |
| TN740AN1CAA1TAI | N | Gallon register 0.5-10 GPM 1" inlet/outlet |
| TN740AN1CBA1LAI | B | Liter register 1.5-40 LPM 1" inlet/outlet |
| TN760AN1CAB1GAF | N | Gallon register 0.6-15 GPM 1.5" inlet/outlet (Pictured right) |
| TN760AN1CAB1LAF | N | Liter register 2.3-57 LPM 1.5" inlet/outlet |
| TN760AN1CBB1LAF | B | Liter register 2.3-57 LPM 1.5" inlet/outlet |



Flow 6-60 GPM (23-230 LPM)

+/-2% accuracy rating
1.5" NPT or BSPP inlet/outlet

Max pressure 150 PSI / 10 bar

Fluid Register | Compatible Fluids

| | | |
|--------------------|---|--|
| TN860AN1CAB1GAC | N | Gallon register Diesel, biodiesel, jet fuel, kerosene |
| TN860AN1CAB1GAC-RL | N | Gallon register Diesel, biodiesel, jet fuel, kerosene (right-to-left flow) |
| TN860AN1CAB1LAC | N | Liter register Diesel, biodiesel, jet fuel, kerosene |
| TN860AN1CAB2GAC | N | Gallon register Gasoline, water |
| TN860AN1CAB2GBC | N | Gallon register E85, E100, ALS, solvents |
| TN860AN1CAB2LAC | N | Liter register Gasoline, water |
| TN860AN1CAB2LBC | N | Liter register E85, E100, ALS, solvents |
| TN860AN1CBB1LAC | B | Liter register Diesel, biodiesel, jet fuel, kerosene |
| TN860AN1CBB2LAC | B | Liter register Gasoline, water |
| TN860AN1CBB2LBC | B | Liter register E85, E100, ALS, solvents |





FILL-RITE®

UL LISTED NOZZLES

Nozzles

Viton seals and O-rings
Integral hanging hook

50 PSI | 3.4 bar
Rated to -20°F/-28°C

Available in 1" and 3/4" NPT



1" Ultra High Flow Automatic Nozzles

Compatible with gasoline, diesel, E15, biodiesel to B20, and kerosene

| | | |
|------------|---|---|
| N100DAU13 | N | Red cover 5-40 GPM (19-150 LPM) (Pictured right) |
| N100DAU13G | N | Green cover 5-40 GPM (19-150 LPM) (Pictured right) |
| N100DAU13Y | N | Yellow cover 5-40 GPM (19-150 LPM) (Pictured right) |



Automatic Nozzles

Compatible with gasoline, diesel, E15, biodiesel to B20, and kerosene

| | | |
|--------------|----|--|
| N100DAU12 | N | 1" Red cover 5-25 GPM (19-95 LPM) |
| N100DAU12G | N | 1" Green cover 5-25 GPM (19-95 LPM) |
| FRNA100DAU00 | NA | 1" Blue cover 5-25 GPM (19-95 LPM) (Rated to -40°F/-40°C) |
| N075DAU10 | N | 3/4" Green cover 2.5-14.5 GPM (9.5-55 LPM) |
| N075UAU10 | N | 3/4" Red cover 2.5-14.5 GPM (9.5-55 LPM) |
| FRNA075DAU10 | NA | 3/4" Blue cover 2.5-14.5 GPM (9.5-55 LPM) (Rated to -40°F/-40°C) |

Manual Nozzles

Compatible with gasoline and diesel

| | | |
|-----------|---|------------------------------|
| FRHMN100S | N | 1" Up to 20 GPM (75 LPM) |
| FRHMN075S | N | 3/4" Up to 20 GPM (75 LPM) |

Multi-plane Swivels

360° rotation | Rated to -40°F/-40°C

| | | |
|-----------|---|------|
| S100H1315 | N | 1" |
| S075H1314 | N | 3/4" |



Whip Hoses

Resistant to cuts, abrasions, & weather

| | | |
|---------|---|----------------------------|
| WH10012 | N | 1" x 12" 1" x 30.5 cm |
| WH07509 | N | 3/4" x 9" 3/4" x 22.9 cm |



Vent Caps

| | | |
|-------|---|-----------------------|
| FRTC | N | Cap only |
| FRTCB | N | Cap w/ 2" (5 cm) base |

Breakaways

Non-reconnectable | Instant closing poppet check valve

| | | |
|----------|---|------|
| B100F475 | N | 1" |
| B075F350 | N | 3/4" |

Suction Pipes

Telescoping suction pipes available in metallic and non-metallic

| | | |
|-------------|---|--|
| 1200KTG9099 | N | Steel 1" x 20" to 34 1/2" 1" x 50.8 cm - 87.6 cm |
| 30F1879 | N | Polypropylene 1/2" x 21" to 36" 1/2" x 53.3 cm - 91.4 cm |



FILL-RITE®

Accessories

For Gasoline / Diesel / B20 / E-15 / Kerosene

Filters

Particulate, Hydrosorb® & Aqua
Increase pump longevity

Available in 1" and 3/4" NPT
Suitable for all electric pumps

Compatible with gasoline and diesel

| | | |
|-------------|---|---|
| F4030PM0 | N | Particulate Up to 40 GPM (151 LPM) 50 PSI (3.4 bar) 30 Micron |
| F4010PM0 | N | Particulate Up to 40 GPM (151 LPM) 50 PSI (3.4 bar) 10 Micron |
| F1810PM0 | N | Particulate Up to 18 GPM (68 LPM) 50 PSI (3.4 bar) 10 Micron |
| F1810PM1 | N | Particulate w/ drain Up to 18 GPM (68 LPM) 50 PSI (3.4 bar) 10 Micron |
| F1810HM0 | N | Hydrosorb Up to 18 GPM (68 LPM) 50 PSI (3.4 bar) 10 Micron |
| F1810PC1 | N | Particulate w/ drain Up to 18 GPM (68 LPM) 50 PSI (3.4 bar) 10 Micron |
| F1810HC1 | N | Aqua w/ drain Up to 18 GPM (68 LPM) 50 PSI (3.4 bar) 10 Micron |
| 1210KTF7019 | N | F1810HM0 filter w/ 1200KTG9075 filter head kit |
| 1200KTF7018 | N | F1810PM0 filter w/ 1200KTG9075 filter head kit |
| 1200R0631 | N | Hydrosorb for use with F1810HC1 clear bowl filter |
| 1200R9146 | N | Particulate for use with F1810PC1 clear bowl filter |
| KIT300FA | N | F4030PM0 filter w/ 700ACC7017 filter head kit |



Filter Heads

| | | |
|-------------|---|------|
| 700ACCF7017 | N | 1" |
| 1200KTG9075 | N | 3/4" |

Hoses

Internal spring guard
Stainless steel ground wire

Fuel-resistant Neoprene exterior
Suitable for all electric pumps

Available in 1" and 3/4" NPT

1" Models

| | | |
|-----------|----|----------------------------------|
| FRH10012 | N | 12' 3.6 m |
| FRH10014 | N | 14' 4.3 m |
| FRH10020 | N | 20' 6 m |
| FRHA10020 | NA | 20' 6 m (Rated to -40°F/-40°C) |

3/4" Models

| | | |
|-----------|----|------------------------------------|
| FRH07512 | N | 12' 3.6 m (Pictured below) |
| FRH07514 | N | 14' 4.3 m |
| FRH07520 | N | 20' 6 m |
| FRHA07515 | NA | 15' 4.6 m (Rated to -40°F/-40°C) |

UL listed Models

| | | |
|----------|---|-----------------------------|
| 300F7773 | N | 1" x 12' 2.5 cm x 3.6 m |
| 700F3135 | N | 3/4" x 12' 1.9 cm x 3.6 m |



FILL-RITE®

115/230V AC Cabinet Systems For Gasoline / Diesel / B20 / E-15 / Kerosene

Cabinet Pump Systems

Flow 15 GPM (57 LPM)

1 1/4" inlet | 3/4" outlet
2" NPT or BSPT tank mount
Cast iron pump housing

1/3 HP Motor
30-minute duty cycle
Anti-siphon ready



Included Accessories

Nozzle boot | Nozzle retainer

| | | |
|------------|---|--|
| FR702VR | N | 115V AC, 60 Hz, Manual nozzle, 12' hose, 807C gallon meter |
| FR702VRU | N | 115V AC, 60 Hz, 807C gallon meter <i>(Pictured right)</i> |
| FR702VRGU | N | 220V AC, 50/60 Hz, 807C gallon meter |
| FR702VLRU | N | 115V AC, 60 Hz, 807CL liter meter |
| FR702VELRU | B | 220V AC, 50 Hz, 807CL liter meter |
| FRPA125 | | Pedestal kit, Fits FR702 Series and FR700 Series pumps |



Cabinet Meter Systems

Flow 40 GPM (151 LPM)

1" inlet | 1" outlet
Built-in junction box
Cast iron pump housing

For use with 300 of 700 remote pumps
Can be used with submersible pumps



Included Accessories

| | | |
|-----------|---|---|
| FR902CR* | N | 901C gallon meter |
| FR902CLR* | N | 901CL liter meter <i>(Pictured right)</i> |
| FR902CRU | N | 115V AC solenoid valve, 901C gallon meter |
| FR902CLRU | N | 115V AC solenoid valve, 901CL liter meter |



*Non-UL

Cabinet Pedestal Systems

Flow varies per system

50 psi / 3.4 bar
1" outlet

Cast iron pump housing



Included Accessories

Nozzle boot | Nozzle retainer

| | | |
|----------|---|---|
| FR902DPU | N | 40 GPM (151 LPM), 900CDP digital meter, 115V AC solenoid valve, Hammer arrestor <i>(Pictured above)</i> |
| FR302DPU | N | 26 GPM (98 LPM), 900CDP digital meter, 300 series pump, Hammer arrestor <i>(DIESEL ONLY SYSTEM)</i> |
| FR102PHU | N | 115V AC solenoid valve |





FILL-RITE DEF™

NEW! DEF Pump Systems
For Diesel Exhaust Fluid (DEF) /
AdBlue® / Water

**DEF/ADBLUE® SYSTEMS
FROM THE LEADER
IN FUEL TRANSFER**

DF Series - DEF Transfer Systems

Flow 8 GPM (30 LPM)

1" BSPP x 3/4" Hose barb
12V DC or 120V AC systems
EPDM seals | Self-priming to 6'

30-minute duty cycle
38 psi / 2.6 bar max bypass
2-year warranty

12V DC | Included Accessories

1" x 3/4" Hose barb elbows | 1" x 3/4" Hose barb straight fittings | Worm gear hose clamps

| | | |
|----------------|---|--|
| DF012N | H | No additional accessories |
| DF012CMN520 | H | Cage IBC bracket, manual nozzle, nozzle boot, 5' suction hose, 20' discharge hose |
| DF012CAN520 | H | Cage IBC bracket, automatic nozzle, nozzle boot, 5' suction hose, 20' discharge hose |
| DF012CAN520-RP | H | Cage IBC bracket, automatic nozzle, nozzle boot, RPV dispense coupler, 5' suction hose, 20' discharge hose |
| DF012CAT520 | H | Cage IBC bracket, TT10PB meter, automatic nozzle, nozzle boot, RPV dispense coupler, 5' suction hose, 20' discharge hose |
| DF012CAT520B | H | Cage IBC bracket, TT10PB meter, automatic nozzle, nozzle boot, RPV dispense coupler, 5' suction hose, 20' discharge hose, TT10 meter |

120V AC | Included Accessories

1" x 3/4" Hose barb elbows | 1" x 3/4" Hose barb straight fittings | Worm gear hose clamps

| | | |
|----------------|---|--|
| DF120N | H | No additional accessories |
| DF120CMN520 | H | Cage IBC bracket, manual nozzle, nozzle boot, 5' suction hose, 20' discharge hose |
| DF120DAN520 | H | Drum bracket, automatic nozzle, nozzle boot, 5' suction hose, 20' discharge hose |
| DF120CAN520 | H | Cage IBC bracket, automatic nozzle, nozzle boot, 5' suction hose, 20' discharge hose |
| DF120CAN520-RP | H | Cage IBC bracket, automatic nozzle, nozzle boot, RPV dispense coupler, 5' suction hose, 20' discharge hose |
| DF120CAT520 | H | Cage IBC bracket, TT10PB meter, automatic nozzle, nozzle boot, RPV dispense coupler, 5' suction hose, 20' discharge hose |
| DF120CAT520B | H | Cage IBC bracket, TT10PB meter, automatic nozzle, nozzle boot, RPV dispense coupler, 5' suction hose, 20' discharge hose, TT10 meter |

SOTERA[®]

SYSTEMS

400B Series Electric Diaphragm Pumps

For Pesticides / Fertilizers / Mild Acids / Soaps / Water



400B Series Diaphragm Pumps

Flow 15 GPM (57 LPM)

1" inlet | 1" outlet NPT threads

10' suction lift

Santoprene diaphragms® | EPDM seals

*Hytrell diaphragms | Viton seals

15 psi / 1 bar

12V DC | Included Accessories

12' EPDM discharge hose | Ball valve | Hose barbs | Hose clamps

| | | |
|--------------|----------|---|
| SS411BCEXP | B | Pump only *Accessories not included (CE compliant, Explosion-proof motor) |
| SS413BCEPPG | N | 2" F Camlock coupler w/F threads, 2" x 1" reducer bushing, 39" EPDM hose (CE compliant, Explosion-proof motor) |
| SS415B | N | Pump only *Accessories not included |
| SS415BX670 | N | Pump only *Accessories not included |
| SS415BEXP670 | N | Pump only *Accessories not included (UL listed explosion-proof motor) |
| SS415BX731 | N | Bracket on pump, *Accessories not included |
| SS415BX731PG | N | Bracket on pump, 2" F Camlock coupler w/F threads, 2" x 1" reducer bushing, 23"-40" poly telescoping suction tube |
| SS417B | N | Cap and spin-on collar for bung, 23"-40" poly telescoping suction tube |
| *SS419BX665 | N | 2" poly street elbow, Monsanto coupler, 23"-40" poly telescoping suction tube, pump support bracket (for use with Monsanto tanks) |
| SS420B | N | Nozzle hanger, 23"-40" poly telescoping suction tube |
| SS425B | N | W/ IBC Bracket and mounting hardware |
| SS435B | N | Short frame Chemtraveller, 825 meter, 9' EPDM suction hose, anti-drip tip, 1" F Camlock coupler w/M threads, 1" poly short nipple |
| SS435BCEXP | N | Short frame Chemtraveller, 825 meter, 9' EPDM suction hose, anti-drip tip, 1" F Camlock coupler w/M threads, 1" poly short nipple (CE compliant, Explosion-proof motor) |
| SS435BX675 | N | Short frame Chemtraveller, 850 meter, 9' EPDM suction hose, anti-drip tip, 1" F Camlock coupler w/F threads, 1" poly short nipple |
| SS435BX700 | N | Short frame Chemtraveller, 825 meter, 9' EPDM suction hose, anti-drip tip, 1" F Camlock coupler w/M threads, 1" poly short nipple (Gaskets and seals are EPDM) |
| SS435BX713 | N | Short frame Chemtraveller, 9' EPDM suction hose, anti-drip tip (Includes fittings to pump from the top or bottom of a tank or tote) |

400B Series Continued

12V DC | Included Accessories

12' EPDM discharge hose | Ball valve | Hose barbs | Hose clamps

| | | |
|---------------|---|---|
| SS435BEXPX703 | N | Short frame Chemtraveller, anti-drip tip, no hoses or hose clamps included <i>(UL listed explosion-proof motor)</i> |
| SS445B | N | 9" GemCap, 825 meter, 28.5"-45.5" poly telescoping suction tube w/ bellows, check valve, built-in recirculation valve |
| SS445BX700 | N | 9" GemCap, 825 meter, 28.5"-45.5" poly telescoping suction tube w/ bellows, check valve, built-in recirculation valve <i>(Gaskets and seals are EPDM)</i> |
| SS445BX727 | N | 9" GemCap, 825 meter, 28.5"-45.5" poly telescoping suction tube w/ bellows, check valve, built-in recirculation valve |

115V AC | Included Accessories

12' EPDM discharge hose | Ball valve | Hose barbs | Hose clamps

| | | |
|--------------|---|---|
| SS460B | N | Nozzle hanger, 23"-40" poly telescoping suction tube |
| SS460BX674 | N | Nozzle hanger, 23"-40" poly telescoping suction tube |
| SS460BX731 | N | Bracket on pump, nozzle hanger, 23"-40" poly telescoping suction tube |
| SS460BX731PG | N | Bracket on pump, 2" F Camlock coupler w/F threads, 39" EPDM hose, 23"-40" poly telescoping suction tube, |
| SS465BEXP | N | Tall frame Chemtraveller, 825 meter, 9' EPDM suction hose, anti-drip tip, 1" F Camlock coupler w/M threads, 1" poly nipple <i>(UL listed explosion-proof motor)</i> |
| SS465BX713 | N | Tall frame Chemtraveller, anti-drip tip, no hoses or hose clamps included |
| SS470B | N | W/ IBC Bracket and mounting hardware |

Electric Diaphragm Pumps

Compatible with Diesel / Gear & Motor Oils

Flow 15 GPM (57 LPM)

1" inlet | 1" outlet NPT threads
Hytrel diaphragms | NBR seals

15 psi / 1 bar
10' suction lift

Included Accessories

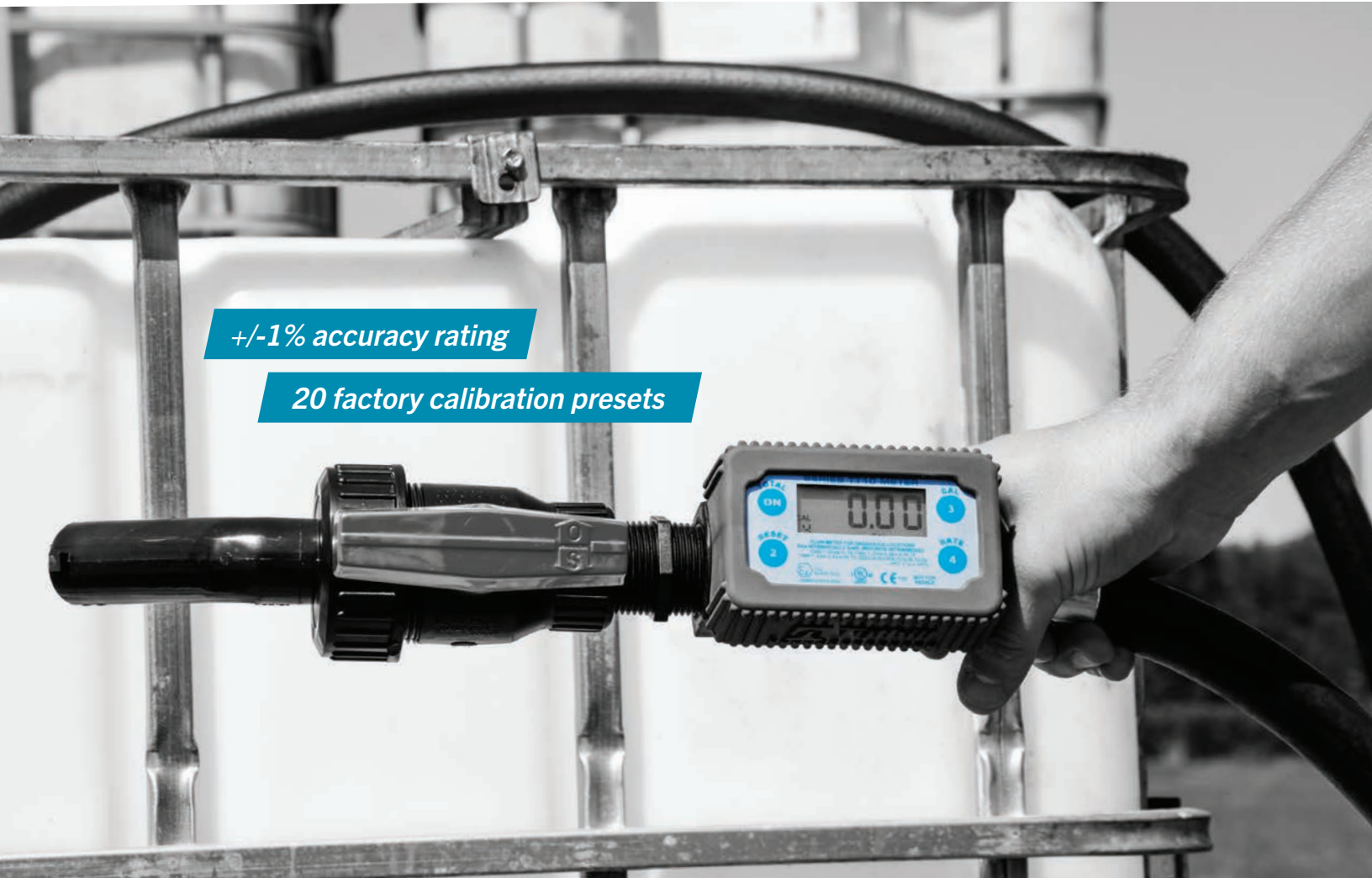
12' hose | 23"-40.5" steel telescoping suction pipe

| | | |
|---------------|---|---|
| FR405BEXPX054 | N | 12V DC *Accessories not included <i>(UL listed explosion-proof motor)</i> |
| FR410B | N | 12V DC Manual nozzle |
| FR410BEXP | N | 12V DC Manual nozzle |
| FR450B | N | 115V AC Manual nozzle <i>(Pictured right)</i> |

24V DC | Included Accessories

| | | |
|------------|---|---|
| FR205B | N | Pump only *Accessories not included |
| FR205BX054 | N | Pump only *Accessories not included |
| FR210B | N | 12' hose, manual nozzle, 23"-40.5" steel telescoping suction pipe |





+/-1% accuracy rating

20 factory calibration presets



In-line Digital Turbine Meter

**For DEF / AdBlue / Anti-freeze / De-icing Fluid /
Non-Potable Water / Chemicals**

TT10 Series In-line Digital Turbine Meters

Flow 2-35 GPM (8-132 LPM)

+/-1% accuracy rating
1" inlet | 1" outlet NPT or BSPP threads
Impact damage resistance

User replaceable batteries (2 AA)
Easy field calibration | Memory backup
Install in-line, hose-end, or at the pump

TT10PN **N** Engineered polymer meter only

TT10PB **B** Engineered polymer meter only





SOTERA
SYSTEMS

800 Series Digital Meters

For Pesticides / Fertilizers / Diesel / DEF / AdBlue /
Crop, Gear & Motor Oils / Mild Acids / Soaps / Water

Flow 2-20 GPM (7-75 LPM)

+/-0.5% accuracy rating
1" inlet | 1" outlet NPT or BSPP threads
1-step calibration

Glass-filled polypropylene housing
Waterproof, corrosion resistant body
3/4" BSPP threads



Included Accessories | Max Pressure

| | | |
|--------------|---|--|
| 825 | N | Meter only 125 PSI (8.6 bar) (2) AA battery powered |
| 825X700 | N | Meter only, EPDM seals 125 PSI (8.6 bar) (2) AA battery powered |
| 825D075BSPPS | B | 3/4" BSPP threads 125 PSI (8.6 bar) (2) AA battery powered |
| 825P | N | 4-20 mA analog output, Pulse output, Power and signal cable 125 PSI (8.6 bar) (2) Lithium CR2032 batteries |
| 850 | N | Meter only 120 PSI (8.27 bar) (2) AA battery powered |
| 850P | N | 4-20 mA analog output, Pulse output, Power and signal cable 120 PSI (8.27 bar) (2) Lithium CR2032 batteries (Pictured below) |

Series 850P (Bulk Air Detector Model)

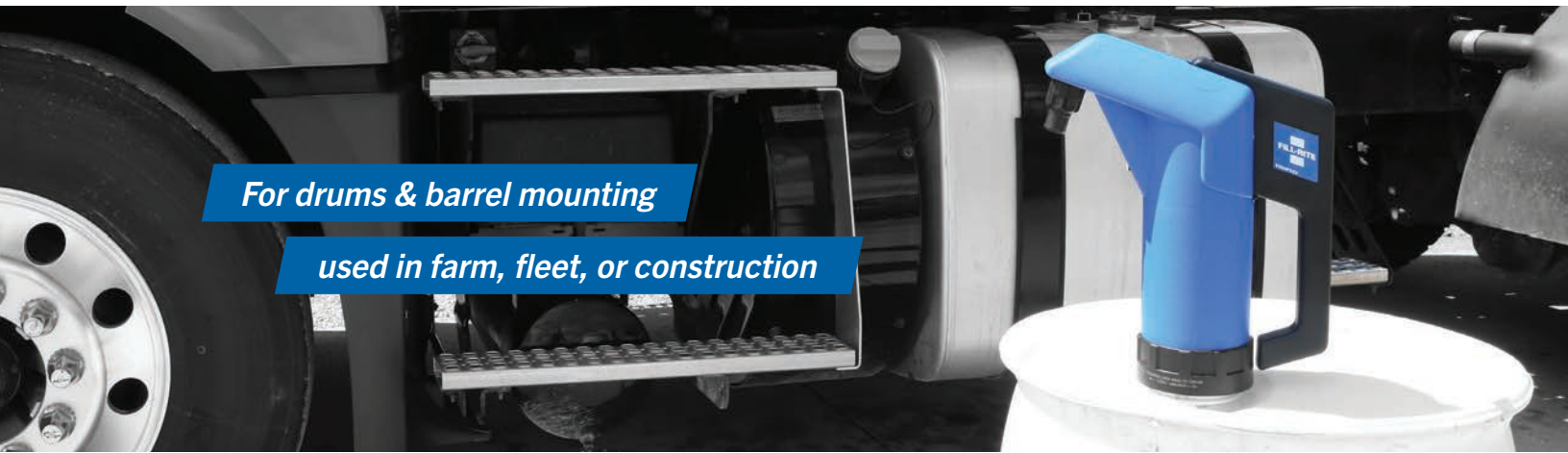
The 850 series meter offers all the great features of the 825, but also incorporates a mass air sensor that distinguishes between fluid and air. As a result, the 850 stops metering when you finish emptying a container, improving the accuracy by not metering the air. The "P" designation in the model number tells you this meter has pulse output, making it an excellent choice for batching, use with FMS and PLC systems, and remote monitoring.





Hand Pumps

For Hydraulic, Engine, & Gear Oils / Diesel / Anti-Freeze / Mild Acids / DEF / AdBlue / Degreasers



*For drums & barrel mounting
used in farm, fleet, or construction*

Air Operated Hand Pump

Flow 6.5 GPM (24.6 LPM) 2" NPT bung adapter
100 psi / 6.8 bar max pressure

FRAP32V **N** Telescoping suction pipe

Hand Lever Pump

Flow 11oz/stroke 2" NPT bung adapter
Polypropylene construction

FRHP32V **N** Telescoping suction pipe

Accessories

For Hydraulic, Engine, & Gear Oils / Diesel / Anti-Freeze / Mild Acids / DEF / AdBlue / Degreasers

Mounting Options

Stainless steel
For totes, drums, and barrels

- KITDFCB** Cage IBC bracket, nozzle reservoir w/bracket
- KITDFDB** Drum bracket (Pictured below), nozzle reservoir w/bracket
- KIT180MPPS** IBC mounting plate





Accessories continued

Nozzles

Stainless steel or Non-metallic construction

| | | |
|-----------|---|---|
| FRDFM075C | H | DEF manual nozzle |
| FRDFA075B | H | DEF automatic nozzle |
| FRDFA075A | B | Premium DEF automatic nozzle (<i>Stainless steel</i>) |
| KITDFMN | H | DEF automatic nozzle with TT10PB meter assembly |

Suction Pipes

| | | |
|-------------|---|---|
| 30F1879 | N | 1/2" x 23"-40 1/2" telescoping poly suction pipe |
| 1200KTG7743 | N | 1" x 43" 3-piece PVC suction pipe |
| KIT180DTPS | H | Non-metallic dispense coupler and suction tube - 3/4" hose barb |

Hoses

EPDM material
3/4" Bare ends

| | |
|----------|------------------------------------|
| KITDFH05 | 5' 1.5 m (<i>Suction hose</i>) |
| KITDFH20 | 20' 6 m |

Misc.

Accessories to accompany chemical dispensing systems

| | |
|-------------|---|
| KITS05NDEF | Poly manual nozzle w/stainless steel spout, 8' 2.4 m hose, 6' 1.8 m suction hose |
| KIT180MAPS | Automatic nozzle, 12' 3.6 m hose, 6' 1.8 m suction hose, stainless steel mounting plate |
| KIT180MAMPS | 825 digital meter, automatic nozzle, 12' 3.6 m hose, 6' 1.8 m suction hose, stainless steel IBC tote mounting plate |
| KITHA32V | 8' 2.4 m hose w/ball valve tap |
| KITHA32VMN | 8' 2.4 m hose, polypropylene manual nozzle w/stainless steel spout, hose bracket |
| KITDFNB | Plastic nozzle reservoir, nozzle reservoir bracket |
| MMNM075RPV | Non-metallic, 4-pin RPV dispense coupler |
| MMSS075RSV | Stainless steel 4-pin RSV dispense coupler |
| MMSS075EPV | Stainless steel 3-pin EPV dispense coupler |



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