

Aqua-Aire Recumbent Height-Adjustable Bath System 9700 & Still Bath

Safe Operation & Daily Maintenance Instructions



PENNER MANUFACTURING, INC

***101 Grant St.
Aurora, Ne 68818***

www.pennerbathingspas.com

1-866-PENNERS

1-866-736-6377

1-800-732-0717

390750 Revision C 09/28/17

Table of Contents

• Index	2
• Introduction	3
• Symbols and Terms	4
• WARNING / CAUTION / LIABILITY	4
• Regulatory Data	5
• Technical Description	6
• Left or Right Clarification	4
• Pacific Tub Technical Data	6
• Stretcher/Transfer Lift Technical Description	7
• Basic Components	8
• Pacific Aqua-Aire Control Panels	9
• Pacific Still Bath Control Panels	10
• System Preparation (Before Bath)	11-13
• Transfer from Bed to Bath	14
• Transfer At The Bathing Station	15
• Transfer Into The Pacific Bath	16
• Bathing Procedure	17-20
• Transfer from Bath to Bed	21-23
• System Cleaning (After Every Bath)	24-26
• Daily Maintenance	27
• Daily Safety Checklist	28-29

Introduction

- **The Pacific Height Adjustable - Bath System is designed to significantly improve the efficiency and environmental safety of your nursing care operation. However, the benefits designed into the Height Adjustable - Bath System will be realized only if the system is operated and cared for properly.**
- **The Stretcher/Transfer Lift is designed to safely transport the resident to, into, and from the Pacific Bathing System. Its efficient benefits are also only realized if the system is operated and cared for properly.**
- **The purpose of this manual is to provide you with a recommended procedure to help you obtain the maximum efficiency and safety from your Height Adjustable - Bath and Stretcher/Transfer Lift Systems.**

Symbols and Terms



Warning

- The warning symbol identifies important safety messages. Failure to obey a safety warning may result in injury to you or to others.



Alternating Current

-  Type “B” Equipment

CAUTION

- The caution heading identifies important maintenance and operation information. Failure to obey a caution warning may result in damage to the Pacific Bath and Stretcher/Transfer Lift equipment, and may void the warranty.

Left or Right

- When the terms “left” or “right” are used with reference to the tub, this means left or right as you look at the control panel from the key hole end of the tub.

Liability for Function or Damage

- In every case, the owner or operator of these systems shall be liable for their function if the systems have been incorrectly operated, maintained or repaired by persons who are not trained in accordance with its specific application.
- Penner Manufacturing shall not be responsible for any damage resulting from failure to observe these procedures.

Tub Technical Description

- Regulatory Data

In accordance with the Standard For Safety of Medical Electrical Equipment UL 606001-1, CSA C22.2 NO. 601.1, IEC 60601-1

UL Classification:

**Class I
Ordinary Equipment
Type B**

Equipment not suitable for use in the presence of a flammable anesthetic mixture with air or with oxygen or nitrous oxide.



» **MEDICAL EQUIPMENT
WITH RESPECT TO ELECTRIC SHOCK
FIRE AND MECHANICAL HAZARDS
ONLY IN ACCORDANCE WITH UL2601-1,
UL60601-1, IEC60601-1, AND CAN/CSA
C22.2 NO. 601.1**

- All temperature read-out values are accurate to +/- 2°F (per NSF C-2). The read-out range is -40/199°F. Resolution is 1°F. Also available in Centigrade.
- An electrical circuit diagram can be found on the inside of the lid of the electrical box located inside the top lid of the Pacific Tub Panel.
- Service parts and technical information are available by contacting your distributor or by calling one of the telephone numbers located on the front or back cover of this manual.
- Environmental conditions for transport and storage for up to 15 weeks (as packaged from the manufacturer) are as follows:

Temperature range	-40° F (-40° C) to 120° F (49° C)
Relative Humidity	10% to 90%
Atmospheric Pressure	7.5 PSI to 15.5 PSI

Tub Technical Description

Manufacturer: Penner Manufacturing, Inc
101 Grant St / PO Box 503
Aurora, NE 68818
(402) 694-5003

Models: Pacific - Recumbent 9700 Bath White
Model # 390010-1 (Aqua-Aire - Panel)
Model # 390020-1 (Still Bath - Panel)
Model # 390011-1 (Aqua-Aire - Long Tank)
Model # 390022-1 (Aqua-Aire – Short Tank)
Model # 390011-1SB (Still Bath - Long Tank)
Model # 390022-1SB (Still Bath- Short Tank)

Pacific Bath Ratings: 120 Volts AC
Aqua-Aire: 12 Amps
60 Hz 1 Phase

**Actuator only duty rating
at full capacity load:** One minute on / Five minute off.
Everything else is constant

Pacific Bath Height Range: 28 ½” to 43 ½”
(From Tub Rim)

The Pacific Bath is an “Aqua-Aire”, or “Still Bath”, height adjustable bathing system intended for use in nursing homes, hospitals, and assisted living facilities to bathe residents under the direct supervision of trained staff. The Height Adjustable bath system consists of two units. The Panel is constructed mainly of gel-coated fiberglass laminate on a steel frame, and the tub unit gel-coated fiberglass laminate. The Pacific Bath has an Aqua-Aire system for bubbling the water with air, or a Still Bath with no water action. It has a dispensing system to dispense shampoo/body wash and bath oil, and a disinfecting system with hand sprayer to aid in cleaning the tub and lift. The Pacific Bath is longer and wider to allow the use of an optional Stretcher/Transfer Lift for ease of care by the resident. A thermostatic mixing valve controls incoming water temperature. Digital temperature read-outs indicate all incoming and tub water temperatures. A hand shower sprayer is also provided.

Pacific Bath and Stretcher/Transfer Lift Description

Lift Technical Description

Stretcher/Transfer Lift:

Model # 391000-1 (Without Scale)

Model # 392000-1 (With Scale)

Transfer Charger:	24 Volts DC (Rechargeable)
Ratings:	5.2Amp
Lift Ratings:	24 volts DC
Load capacity rating:	400 lbs - 5.2 Amps
Duty Cycle:	10% Int.; 1 min on / 9 min off
Height:	18-1/4" inches Minimum clearance from floor
Height:	37-3/4" inches Maximum clearance from floor (Note: There is a 2" (two inch) adjustment to height clearances)
Length:	69-3/4" Stretcher overall length.
Width:	21-3/4" Width of Stretcher only. (Lift Overall Width)
Width - W/O Scale:	36" Door opening clearance.
Width - W/Scale:	37-3/4" Door opening clearance.

The Stretcher/Transfer Lift is a mobile battery operated device designed for lifting residents into and out of the Pacific Bath. It is intended for use in nursing homes, hospitals, and assisted living facilities to aid in bathing residents under the direct supervision of trained staff. The lift consists of a powder coated steel base to which is mounted a pillar with an electric actuator. To the pillar is mounted a stretcher with padding for comfort during bathing. The Stretcher portion consists of three powder coated sections. The center section is secured to the pillar and the end sections are adjustable to adapt and properly evaluate the resident. Three belts are attached to secure the resident across the upper and lower body, and across the midsection. Your Pacific Bathing System and the Stretcher/Transfer Lift may be raised and lowered simultaneously to ergonomically adjust to the working height of the aid.

There is also a Pacific Chair Transfer System available for bathing in the sitting position.

Basic Components

- **Service parts and technical information are available by contacting your distributor or by calling one of the telephone numbers located on the front or back cover of this manual.**

Basic Components Continued

Stretcher/Transfer Lift

The Stretcher/Transfer Lift is a specially designed mobile stretcher to aid you in transferring your residents from their beds to the bathing room, and into the Pacific Bathing System. The stretcher on the Transfer Lift adjusts to enable lifting the resident into the Pacific Bath and obtaining efficient submersion to bathe the resident. The Stretcher/Transfer is battery operated with an **“EMERGENCY STOP”** button. It has a removable battery pack that can be recharged in a wall charger. The Stretcher/Transfer Lift automatically stops on the down cycle when obstructed.

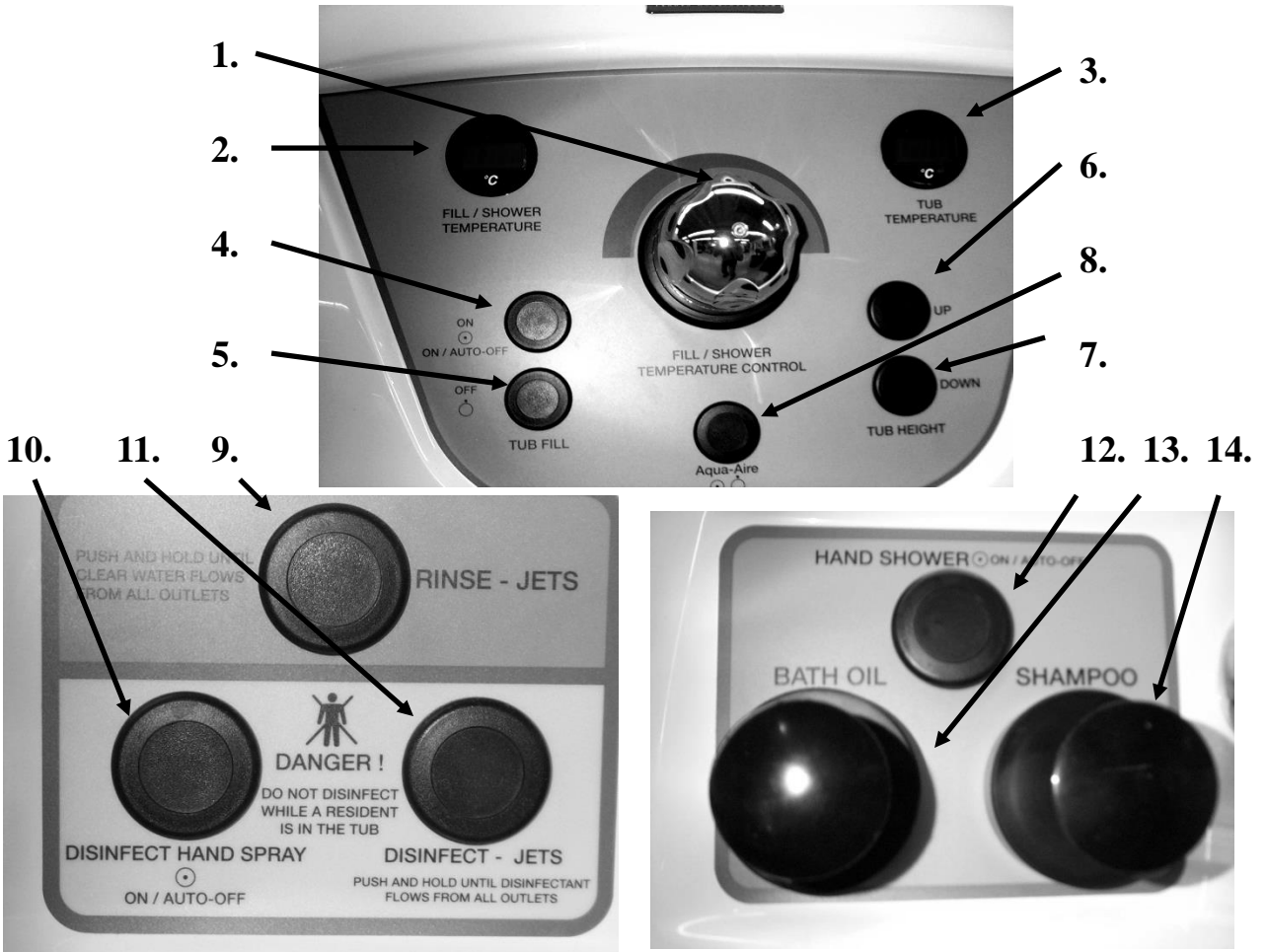
Figure 1



Pacific Aqua-Aire Bath Control Panels

1. Temperature Control Knob (Fill/Shower)
2. Fill/Shower Water-Temperature Readout
3. Tub-Temperature Readout
4. Tub Fill ON / AUTO OFF Button
5. Tub Fill OFF Button
6. Tub Height Up Button
7. Tub Height Down Button
8. Aqua-Aire ON/OFF Button
9. Rinse Jets Button (On tubs with Aqua-Aire only, Push and Hold)
10. Disinfect Hand Spray Button (On/Auto Off)
11. Disinfect Jets Button (Push and Hold)
12. Hand Shower On/Auto Off (The unit has an adjustable time automatic shut-off)
13. Bath Oil Pump Plunger
14. Shampoo Pump Plunger

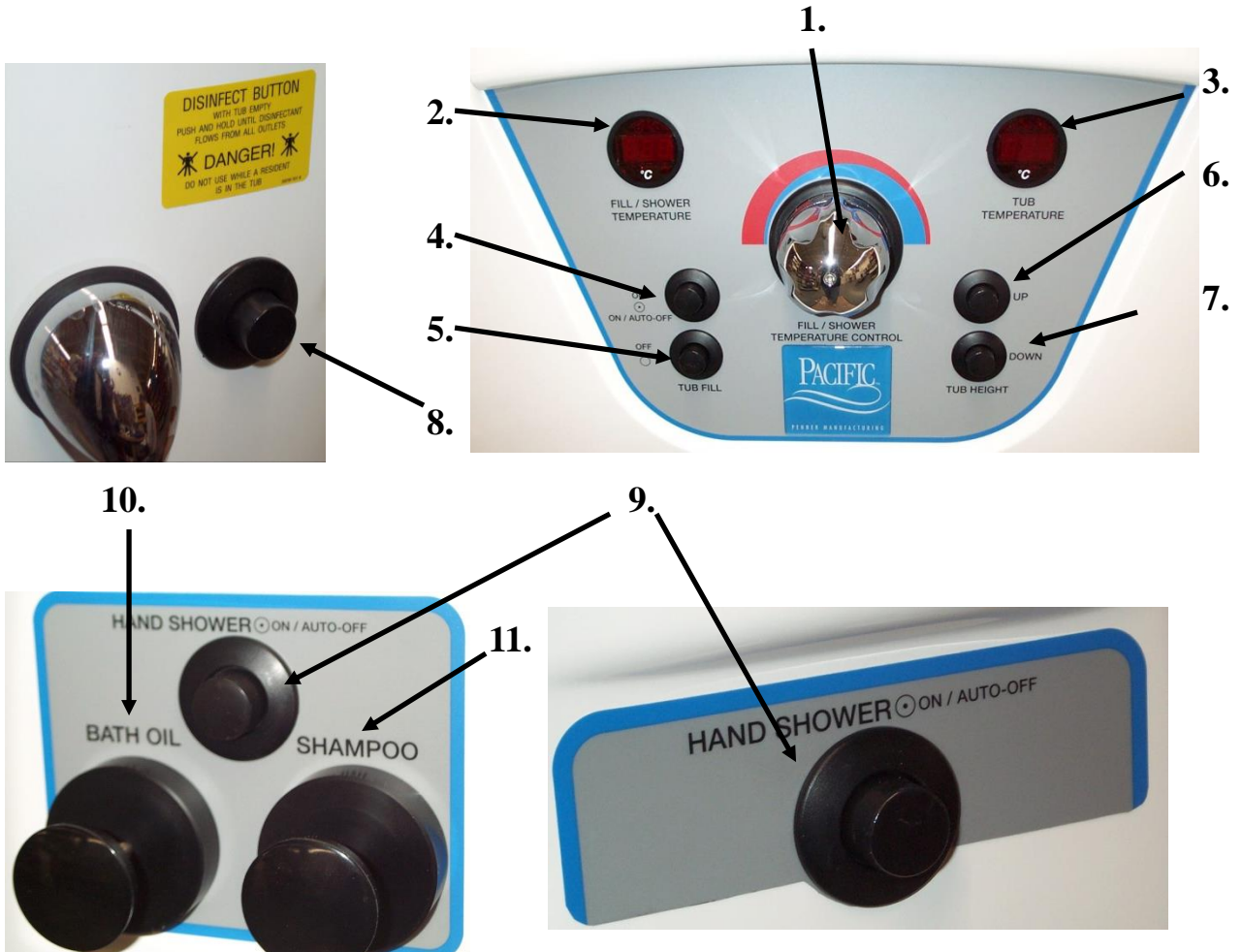
Figure 2



Pacific Still Bath Control Panels

1. Temperature Control Knob (Fill/Shower)
2. Fill/Shower Water-Temperature Readout
3. Tub-Temperature Readout
4. Tub Fill ON / AUTO OFF Button
5. Tub Fill OFF Button
6. Tub Height Up Button
7. Tub Height Down Button
8. Disinfect Hand Spray Button (On/Auto Off)
9. Hand Shower On/Auto Off (The unit has an adjustable time automatic shut-off)
10. Bath Oil Pump Plunger
11. Shampoo Pump Plunger

Figure 2



System Preparation (Before Bath)



WARNING

Only personnel who have been thoroughly trained in the operation of the Pacific Recumbent Height Adjustable 9700 should operate this equipment. Operation of this equipment by untrained personnel could result in injury to the resident or operator. Your Penner resident Care distributor is available at your request to provide complete in-service training on the equipment's proper operation.



WARNING

The resident must be evaluated by qualified medical personnel to determine if he or she is a proper candidate to safely be transferred and bathed with the Pacific Bath and Stretcher/Transfer Lift System. Failure to properly evaluate candidates could result in injury to the resident or operator.

Prior to the bath, perform the following preparation steps:

Note. Check the level of bath oil, shampoo, and disinfectant concentrate in the supply bottles daily to ensure that adequate amounts are available for the day's bathing requirements. These bottles are located inside the top lid on the Pacific Bath Tub Panel. Replace a bottle before it runs out to avoid re-priming the system.

1. Press the tub height "DOWN" button # 7 and lower the Pacific Bath to its lowest position.
2. Place the drain plug in the drain.
3. Press the tub fill "ON" button # 4 to begin filling the tub.

System Preparation (Before Bath) continued

4. Monitor the water temperature by watching the Fill/Shower Water-Temperature Readout #2. Adjust the water temperature by turning the Temperature Control Knob # 1 to a normal bathing temperature, 95 to 105 degrees Fahrenheit. Also available in Centigrade.



WARNING

In addition to monitoring the temperature readout, always check the water temperature by allowing it to run over your wrist. Failure to do this could result in a hot-water burn to the resident.

5. Fill the tub to approximately 5 inches below the overflow plate. This will normally result in the water rising to an appropriate level as the resident is lowered into the bath. Less water may be used pending evaluation of the candidate being bathed to achieve less submersion.
Note: The Pacific Bath System is a large capacity tub. Fill only to the level required to obtain the desired submersion determined by the type of resident you are bathing.
6. **(Still Bath Systems)** Will not have the controls related to any water action.

System Preparation (Before Bath) continued



WARNING

Do not overfill, splash, or spill water on the floor. Water on the floor could result in injury to the operator or resident.

7. When filled, press the Fill Button again to stop the water flow. **DO NOT** start the water action until the resident is transferred into the tub.
8. Make sure you have all of your bathing supplies ready, such as a washcloth and towels.

You are now ready to transfer the resident from the bed to the bath. To do so:

9. Push the Stretcher/Transfer Lift to the resident's bed and position it for a normal bed-to-stretcher-transfer position.
10. Lock the brakes by stepping down on the lock-arm tab located on the back of the rear casters as shown.



Locking Brake on
Rear Casters



WARNING

Failure to lock the caster brakes before the resident is transferred into the Stretcher/Transfer Lift could result in injury to the operator or resident.

Transfer from Bath to Bed

11. Transfer the resident into the Stretcher/Transfer Lift using the proper nursing transfer techniques. Place the three safety belts, one across the upper body, one across the midsection, and one across the lower body. Secure all belts to the proper attaching points on the stretcher as shown below. Adjust the incline of the Stretcher/Transfer based on the resident's size and level of water in the tub.



WARNING

The Stretcher/Transfer is pictured below in the first incline position. You may need to raise the level of the stretcher/Transfer to the second or third incline position based on the resident's size and level of water in the tub. Adjust the incline BEFORE the resident has been transferred into the Pacific Bath. Failure to ensure the resident's head is above water level, could result in injury to the resident or patient.



WARNING

Failure to ensure that the resident is properly secured in the Stretcher/ Transfer Lift before being transferred, could result in injury to the operator or resident.

Transferring the resident at the Bath Station

12. Lower the Stretcher/Transfer Lift to the lowest position, unlock the casters, and carefully push the Stretcher/Transfer Lift to the bathing area, being careful to avoid uneven floors and objects in hallways.
13. At the bathing area, position the Stretcher/Transfer Lift on the side of the Bathing System near the side of the tub, with the resident's feet towards the control panel.
14. Lock the casters once again on the Stretcher/Transfer Lift. Push the UP button, on the hand control of the Stretcher/Transfer Lift, and slowly raise the resident to a height that will clear the top edge of the tub when it is in its lowest position. Always watch for objects that may interfere or obstruct the Stretcher/Transfer Lift operation.



WARNING

Do not allow the resident to interfere with the operation of the Stretcher/Transfer Lift while operating the equipment. Do not allow garments, towels, and other foreign objects to interfere with its operation. Ensure the resident is belted properly at all times with all limbs kept inside the Stretcher area near the resident's body. Failure to take these precautions could result in injury to the resident or operator.

15. Once at the correct height to clear the tub, unlock the casters and carefully push the Stretcher/Transfer Lift towards the tub until the Stretcher is located over the Bathing system. Ensure the legs of the Stretcher/Transfer Lift clear the tub legs underneath the tub while pushing the unit in.
16. Lock the casters once again and you are now ready to lower the resident into the Bath or raise the Pacific Bathing system up to the Stretcher/Transfer Lift whichever is safest for the resident and operator.

Transferring the resident into the Pacific Bath



WARNING

When using the Pacific Height Adjustable Bath System, in conjunction with the Stretcher/Transfer Lift, caution must be used when raising or lowering the units. Do not raise or lower the Stretcher/Transfer Lift without consideration of the height of the bathing system. Always ensure that all limbs are inside the Stretcher area near the body and all objects clear. Failure to take these precautions could result in injury to the resident or operator. Failure to take these precautions could also result in damage to either the Bathing system and/or the Stretcher/Transfer Lift.

17. Before raising the Pacific Bath, ensure that all limbs are inside the Stretcher so that the limbs don't get pinched between the tub rim and the bottom of the Stretcher frame. Raise the Pacific Bath button #6 to height that is ergonomically correct for you to bathe the resident. Always be aware of the height of the Stretcher/Transfer Lift to ensure they do not hit each other or that objects get caught between the tub rim and the bottom of the Stretcher frame.

18. Lower the Stretcher/Transfer Lift into the tub until the resident is submersed to a safe and correct depth into the water. ENSURE THAT THE RESIDENT'S HEAD REMAINS ABOVE WATER AT ALL TIMES. Always be aware of the resident's limbs and anything that may obstruct the lowering of the Stretcher/Transfer Lift and/or raising of the Pacific Bath.

NOTE: The Stretcher/Transfer Lift is equipped with a RED EMERGENCY STOP button which can be pushed at any time to stop the Stretcher/Transfer Lift from raising and/or lowering.



Bathing Procedure

1. You are now ready to begin washing the resident. The suggested bathing time is 5 to 10 minutes. Bathing a resident more than 10 minutes is not recommended.
2. To bathe the resident, use the following procedures:
3. Start the Aqua-Aire (Aqua-Aire tubs) by pressing the on/off Button #8. Procedures applying to any water action do not apply to the (Still Bath System).
4. Push the Bath Oil Pump Plunger #13 to add Penner Bath Oil to the water. The amount of bath oil will vary according to the resident's skin condition. (One push of the Bath oil pump plunger will dispense approximately 1 oz. of bath oil.)

Note. Penner Bath Oil is a non-aqueous, liquid bathing oil containing refined lanolin similar to natural skin oil. When combined with water, Penner Bath Oil can penetrate the skin. This combination of water and oil restores moisture to the resident's skin and benefits the nursing attendant, whose hands are frequently in water as well. Additionally, the use of Penner Shampoo & Body Wash eliminates the risk of cross-contamination, which can result from sharing a single bar of soap. Penner Shampoo & Body Wash works with the bubble aeration of the system to clean and condition the skin.

Bathing Procedure Continued

5. Bathe the resident's upper body as follows:
 - a) Push the Shampoo Pump Plunger #14 and dispense (from shampoo dispensing spout) into your hand or into a washcloth. Then apply the Penner Shampoo & Body Wash directly to the resident's body.
 - b) Begin gently washing the resident's upper body. Pay special attention to folds or creases in the skin and under the arms. If the scalp is flaky, apply a small amount of Penner Bath Oil to the problem area and let it soak in until time for shampoo.

6. Rinse the upper body with the shower sprayer as follows:
 - a) Pick up the hand-held shower sprayer located on the right side of the control panel.
 - b) Ensure that the shower sprayer trigger is NOT engaged when you activate the shower sprayer. Press the Shower Button #12 to activate the shower sprayer.



WARNING

Never place the shower sprayer submerged in the bath water. Always replace it on the side of the control panel in its holder. Failure to do so could result in contamination of the facility water system, which may result in a health hazard.

Bathing Procedure Continued

Note. Once the shower sprayer is activated, it will stay activated for a period of time and then automatically shut off. This time period (up to 10 minutes) is adjustable by maintenance personnel only. The shower sprayer will shut off when releasing the trigger.

- c) While pointing the sprayer into the tub, **not onto the resident**, press the shower sprayer trigger.
 - d) Adjust the water temperature by turning the Temperature Control Knob #1 to the normal bathing range of 95 to 105 degrees Fahrenheit (or Centigrade) as shown below. Monitor the temperature by viewing the Fill/Shower Temperature Readout #2. As a further precaution, always test the water on the inside of your wrist before turning the sprayer toward the resident.
 - e) Repeat the washing and rinsing steps for the upper body a second time.
7. Bathe the resident's perineal area as follows:
- a) Lift the resident's right leg and let the Aqua-Aire bubbling action) wash the perineal area. This technique protects the resident's dignity and removes any residual waste or fecal matter.

Bathing Procedure Continued

8. The resident's feet will be cleaned by the Aqua-Aire bubbling action) at the bottom of the tub. For Still Baths and extremely soiled feet, use the following procedure:
 - a) Raise the Stretcher/Transfer Lift seat until the resident's feet are at the same level as the outlet.
 - b) Hold the feet in the stream for 30 to 60 seconds.
9. To shampoo the resident's hair, use the following procedure:
 - a) Wet the resident's hair with the shower sprayer.
 - b) Push the Shampoo Pump Plunger #11 and apply a small amount of Penner Shampoo to the wet hair.

Note. Penner Shampoo & Body Wash is a special formula with lanolin for use with residents who have dry scalp and/or skin conditions. Penner Shampoo special conditioning formula assures that all residues will be removed quickly and easily, leaving hair clean, conditioned, and shining.

- c) Massage the resident's head to create a lather. Continue the massage to fully clean the hair and scalp.
- d) Rinse with the shower sprayer.
- e) Shampoo and rinse a second time if required.

Transferring from Bath to Bed

Transfer the resident back to the bed as follows:



WARNING

When raising the resident out of the water with the Stretcher/Transfer Lift, or lowering the Pacific Bath, ensure that all limbs are inside the Stretcher area near the body and all objects clear. Ensure the feet clear the control panel area at all times. Push the “EMERGENCY STOP” button at any time to stop the Stretcher/Transfer Lift from raising and/or lowering. Failure to take these precautions could result in injury to the resident or operator. Failure to take these precautions could also result in damage to either the Pacific Tub and/or the Stretcher/Transfer Lift.

1. Turn off the Aqua-Aire button # 8, and remove the drain plug.



WARNING

When using the Pacific Height Adjustable Bath System in conjunction with the Stretcher/Transfer Lift, caution must be used when raising and lowering either unit together. Do not raise or lower the Pacific Bath without consideration of the Stretcher/Transfer Lift’s position. Ensure that all limbs are inside the Stretcher area near the body and all objects are clear. Failure to take these precautions could result in injury to the resident or operator. Failure to take these precautions could also result in damage to either the Pacific Bath and/or the Stretcher/Transfer Lift.

Transferring from Bath to Bed

2. Push the “Down” Button #14 on the Pacific Bath lowering it to its lowest position. Ensure the resident’s feet clear the control panel area.
3. If the bottom of the Stretcher/Transfer Lift will not clear the rim of the Pacific Bath, raise or adjust the height of the Stretcher/Transfer Lift to clear the rail two inches.
4. Rinse the resident’s body with the shower sprayer.
5. Pat the resident dry with a soft towel. No rubbing is necessary.
6. Use the towel to dry and clean the underside of the chair. This will prevent water from dripping on the floor and residue buildup under the seat.
7. Before you move the resident out of the tub, make sure the lower extremities have been towel dried so the bathroom floor stays dry. Unlock the casters of the Stretcher/Transfer Lift and slowly move it away from the Pacific Tub then lock the casters again



WARNING

Do not overfill, splash, or spill water on the floor. Water on the floor could result in injury to the operator or resident..

Transferring from Bath to Bed Continued



WARNING

Make sure the Stretcher/Transfer Lift bottom will clear the tub rim height by at least two inches before moving the resident out of the tub. Failure to do so could result injury to the resident or operator or damage to the Pacific Bath. Push the “EMERGENCY STOP BUTTON” at any time to stop the Stretcher/Transfer Lift from raising and/or lowering.

Note. This is an excellent time to give the resident a pedicure, if needed. The resident is at a convenient working level and the nails are now soft and easily trimmed and cleaned.

8. Unlock the casters and position the Stretcher/Transfer Lift in a clear area then push the “DOWN” Button until it is at its lowest position.
9. Ensure all three belts are properly secured on the Stretcher/Transfer Lift. You may now push the resident back to the bed being careful to avoid uneven floors and objects in hallways.
10. Position the Stretcher/Transfer Lift beside the bed and lock the casters once again.
11. Release all three belts from the resident and transfer the resident to the bed using proper nursing techniques.
12. With the Stretcher/Transfer Lift now empty, unlock the casters and return it to the bathing area for cleaning.
13. Raise the Stretcher/Transfer Lift to clear the edge of the Pacific Tub which is still in its lowest position. Move the Stretcher/Transfer Lift over the Pacific Tub, then lower into the Pacific Tub for cleaning and disinfecting.

System Cleaning (After Every Bath)

Clean and disinfect the Pacific Tub and Stretcher/Transfer Lift after every bath with Penner Cleaner/Disinfectant as follows:

Note. Penner Cleaner/Disinfectant is a special non-abrasive cleaning and disinfecting solution that will not harm the tub's fiberglass surface. Penner Cleaner/Disinfectant is the only cleaning solution designed and recommended for use with your Pacific Tub.

CAUTION

Some cleaners, disinfectants, and floor strippers contain ingredients that are corrosive or abrasive. These solutions or compounds may contain chlorine, acid, basic ingredients or abrasives. DO NOT allow such solutions or compounds to come in contact with your Penner equipment. Failure to heed this caution could result in damage to the equipment and void the warranty.

1. Drain the water from the tub.
2. Remove visible tissue residue or fluids before disinfection
3. Press the Shower Button and rinse the inside surfaces with the shower sprayer.
4. Close the drain.

Note: Penner Cleaner/Disinfectant is a special non- abrasive cleaning disinfecting solution that will not harm the tub's fiberglass surface. Penner Cleaner/Disinfectant is the only cleaning solution designed and recommended for use with your Pacific Bathing System.

System Cleaning (After Every Bath)



WARNING

Housekeeping personnel should wear protective glasses and gloves to prevent disinfectant from damaging their eyes or skin. If disinfectant gets on the skin or in the eyes, rinse thoroughly with plenty of water. Seek medical advice if irritation occurs.

5. **(For Aqua-Aire Tubs) Press and hold** the Disinfect Button #2 located on the left side of the tub. As the button is held down, the properly mixed cleaning solution is running through the air injection system and out all of the air jets. Release the button after you see solution coming out of all the air jets and you have 1 to 1 1/2 gallons of disinfectant solution in the foot well of the tub.
6. **(For all Systems and Still Bath)** Using a long-handled brush (available from your Penner distributor) to thoroughly scrub all interior surfaces of the tub with the solution that remains in the foot well of the tub.
7. Push the “DISINFECT SPRAY BUTTON” #1. Using the disinfect hand sprayer and spray the entire stretcher portion of the Stretcher/Transfer Lift.
8. Using a long-handled brush (available from your Penner distributor) to thoroughly scrub all surfaces of the Stretcher/Transfer Lift with the solution from the hand sprayer.
9. Allow for proper disinfectant contact time (usually 10 minutes or as recommended by the disinfectant’s manufacturer).
10. Remove the plug from the drain.

System Cleaning (After Every Bath)

11. **(For Aqua-Aire tubs)** Spray water from the shower sprayer to rinse out most of the disinfecting solution. Then press and hold the rinse button (#9) until you see clear water (not soapy) coming out of the air jets. Release the rinse button.
12. Finish rinsing the interior surfaces of the Pacific Bath and all surfaces of the Stretcher/Transfer Lift with the shower sprayer.
13. Start the air blower by pushing the Aqua-Aire Button #8. Allow it to run for 30 seconds. This pushes the rinse water out of the air injection system. If this was the last bath of the day, allow the blower to run for 2 minutes to dry out the system.
14. Stop the air blower by again pushing the Aqua-Aire button #8.

Daily Maintenance

To properly maintain the Pacific Recumbent Height Adjustable Bath System, perform the following daily maintenance procedures.

1. Check that there is an adequate supply of system liquids such as shampoo, bath oil, and disinfectant concentrate in the supply bottles located behind the small access door on the left side of the tub (right-hand side on Aqua-Aire tubs). Replace the bottles before they are empty to avoid re-priming the system. Be sure each bottle label matches the label found on the hose to which the bottle is attached.

Daily Maintenance Continued)



WARNING

While replacing system liquids, housekeeping personnel should wear protective glasses and gloves to prevent disinfectant concentrate from damaging their eyes or skin. If disinfectant gets on the skin or in the eyes, rinse thoroughly with plenty of water. Seek medical advice if irritation occurs.

2. Perform the Daily Safety Checklist described in the following section before using the Pacific Bathing System.



WARNING

Failure to perform the daily safety checks and take corrective action, when required, prior to the operation of the equipment each day could result in injury to the resident or operator.



WARNING

If any part of the system is not functioning properly, cease all bathing activities until the problem is corrected by maintenance. The system must be maintained on a scheduled basis to ensure it is functioning properly. Failure to heed these precautions could result in injury to the resident or operator.

Daily Maintenance Continued

Daily Safety Checklist

CHECK THE FOLLOWING ITEMS EACH DAY BEFORE USING YOUR PACIFIC RECUMBENT HEIGHT ADJUSTABLE BATH 9700. DOCUMENT YOUR FINDINGS DAILY.

Perform the following safety checks for the Pacific Bath:

1. High temperature limit – Press the Fill Button #5 and turn the Temperature Control Knob #7 all the way to the left to the highest setting. Test the fill and shower water temperature to ensure that it reaches no more than 115 degrees Fahrenheit (lower if required by local regulations).
2. Temperature Read-Out Accuracy – Press the Fill Button #5 and adjust the temperature of the water to the normal bathing range of 95 to 105 degrees Fahrenheit. Test the temperature of the water with a thermometer and by letting the water flow over your wrist. The water temperature should be consistent with the thermometer reading and should not feel too hot or too cold.
3. Check the Actuator operation by raising and lowering the Pacific Tub insuring a smooth motion with no grinding, binding, or rubbing anywhere.

Daily Maintenance Continued

Penner Stretcher/Transfer Lift

Perform the following safety check on the Stretcher/Transfer Lift.

1. Batteries – Check that the batteries are fully charged (Lift operates normally).
2. Emergency Stop Button – Check that while the Stretcher/Transfer Lift is being raised or lowered, pushing the Red Emergency Stop Button stops the Stretcher/Transfer Lift from raising or lowering.
3. Overload Cut-off – Check that while the Stretcher/Transfer is being lowered, you can lift the stretcher from the bottom of the stretcher frame and stop the downward motion.
4. Seat Belts (Three) – Check the condition of the seat belt(s) for signs of excessive wear. Also, check the fastening holes on the belts for tearing or excessive enlargement.
5. Casters – Check the casters for tightness and lint build up.
6. Welds – Inspect all welds for cracks, rusting, and damage.



WARNING

If during the safety checks you find parts are missing, are excessively worn, do not function properly, or do not meet the recommended safe operating levels, do not operate the equipment until the maintenance department has taken the appropriate corrective action.

Your Penner Distributor and his personnel are trained to provide in-service instruction and maintenance on your Pacific Recumbent Height Adjustable Bath System 9700. If you have any questions about the operation or maintenance of your Pacific Bath System, please contact your Penner Distributor. For your nearest Penner distributor, contact

Penner Patient Care, Inc. at

1-866-736-6377 OR

1-800-732-0717