



TheraSpa

Safe Operation & Maintenance Manual

860750 Rev A 1-21-2022

1-800-732-0717

www.pennerbathing.com

1-866-736-6377



PENNER

BATHING

Bathing Solutions for Every Need

Penner Patient Care
101 Grant St
Aurora, NE 68818
Service help call 1-800-732-0717 or 1-866-736-6377
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Table Of Contents

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TABLE OF CONTENTS.....2

INTRODUCTION.....3

SYMBOLS AND TERMS.....3

TECHNICAL DESCRIPTION.....3

CONTROL FUNCTIONS.....4

THERASPA DOOR5

SYSTEM PREPARATION (BEFORE BATH)6

ENTERING THE BATH – RESIDENT.....6

BATHING PROCEDURE.....6-7

EXITING THE BATH8

SYSTEM CLEANING (AFTER EVERY BATH)8-9

DAILY MAINTENANCE9

DAILY SAFETY CHECKLIST.....9-10

Manufacturer: Penner Manufacturing Inc.
 101 Grant St / PO Box 503
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Model 860010-1 TheraSpa

Spa Ratings: 120 Volts AC
 Aqua-Aire: 6.5A
 60 Hz
 1 Phase



The THERASPA is designed to significantly improve the efficiency and environmental safety of the individual and your personal care routine. However, the benefits designed into the THERASPA will be realized only 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 maintain the maximum efficiency and safety from your THERASPA.

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.

CAUTION The caution heading identifies important maintenance and operation information. Failure to obey a caution warning may result in damage to the TheraSpa and may void the warranty.

Left or Right When the terms “left” or “right” are used with reference to the spa, this means left or right as you look at the fill faucet from the seat of the TheraSpa.

Technical Description

The THERASPA is a bathing system intended for use in homes or living facilities to bathe individuals under the direct supervision of trained staff. The THERASPA is mainly constructed of gel-coated fiberglass. This TheraSpa utilizes an Aqua-Aire system for bubbling the water with air. The TheraSpa has a door on one side for access to the spa by the individual. Individual hot and cold valves control incoming water temperature and shower sprayer temperature. A hand shower sprayer is also provided.



Control Functions

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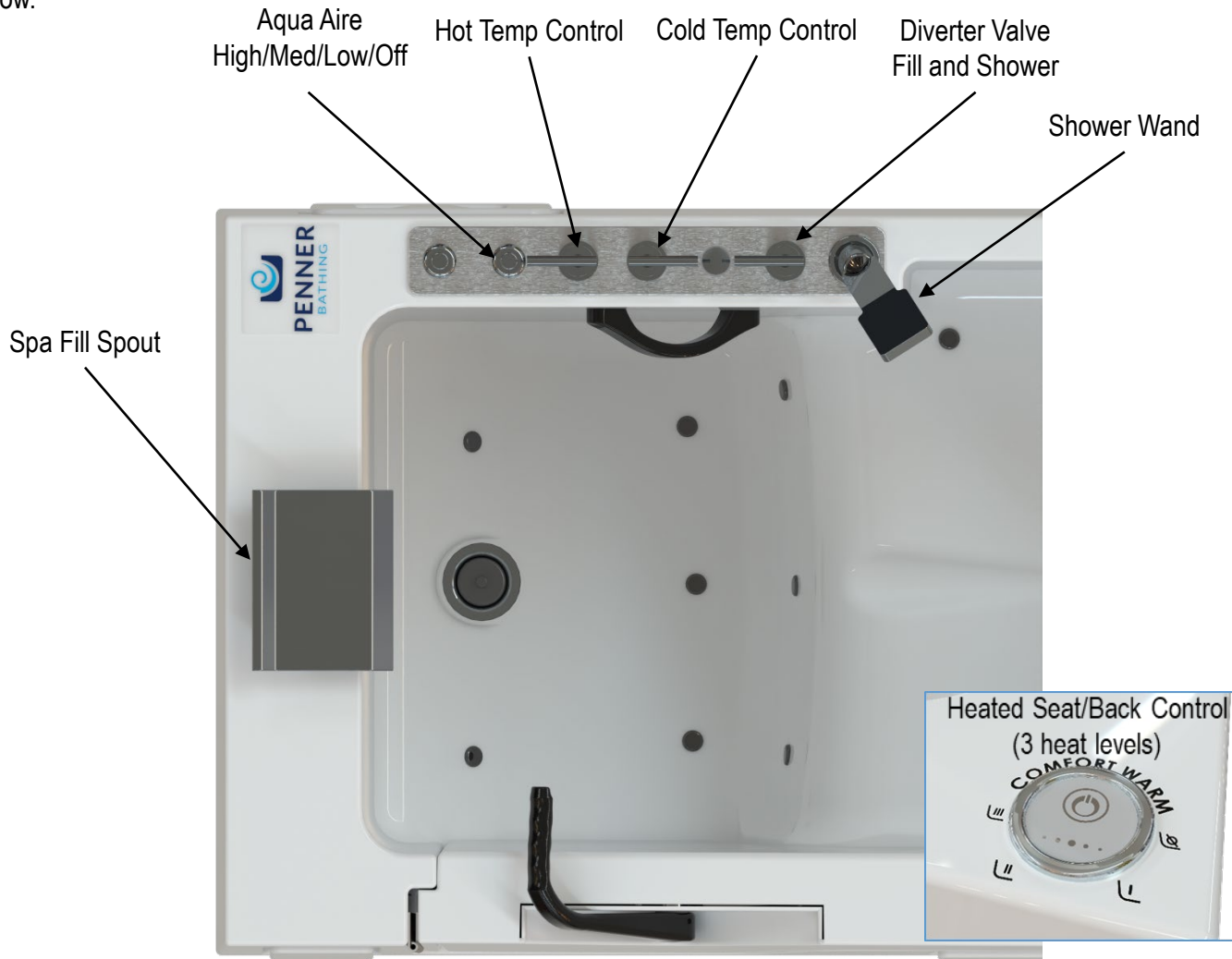
The TheraSpa is composed of the following components:

- Spa
- Door

The remainder of this section describes the components and their relationship to each other.

Position description referred to in this manual is the resident sits in the space facing the control deck and water fill spout as the “front” of the TheraSpa.

The TheraSpa is a specialized spa with jets (Aqua-Aire). It has been designed to help bathe your patients automatically. The spa has a built-in control panel, which provides controls for all the functions of the spa, as shown below.





The TheraSpa Door is a specially designed reinforced door with a locking lever to open and close the door by the individual. Door must be left open when not in use to allow seal to maintain integrity.

Locking the TheraSpa Door

1. With the lever in the back position, close the door tight against the spa.
2. When the door is against the spa, push the lever forward so the lever is in the LOCK position (Pictured below).
3. The Door is now locked in place.
4. (Note) To extend the life of the Water Door Seal, leave the door open when not in use.



Door Handle Unlocked
Position



Door Closed
Door Handle Locked Position



Door Left Open
Maintains seal life when
not in use.

⚠️ WARNING

NEVER ATTEMPT TO UNLOCK THE DOOR WHILE THERE IS ANY WATER IN THE SPA. FAILURE TO HEED THIS WARNING MAY RESULT IN INJURY TO AN INDIVIDUAL AND/OR OPERATOR.

Unlocking the TheraSpa Door

1. To Unlock, move the lever backward to the upright or “unlock” position.
2. The door is now unlocked and able to be opened.

⚠ WARNING

Only personnel who have thorough knowledge and have read this manual should operate the TheraSpa. Operation of this equipment by unknowledgeable personnel could result in injury to the operator or individual. Your Penner Patient Care distributor is available to answer any questions regarding the equipment's proper operation.

System Preparation (Before Bath)

Prior to the bath, perform the following preparation steps.

1. Make sure you have all of the bathing aids ready for the individual such as bath oil, shampoo, washcloth, and towels.

Entering the bath

The individual is now ready to enter the bath. To do so:

1. Make sure the bathing area is clear of all unneeded equipment
2. If desired, turn on the heated back and seat by pushing the Heated Seat Control Button. It will take the heated back and seat approximately 8 minutes until heat radiates through the spa. The heat will automatically shut off after 30 minutes.
3. Open the door to the widest available position.
4. The individual should sit on the seat first then swing their legs into the bath.
5. Close the door and move the lever forward or towards the front of the spa until it stops to fully lock into place.
6. The spa is now sealed and ready to be filled with water.

⚠ WARNING

Stepping into the spa first and then sitting on the seat may put the individual in danger of slipping and cause harm to the individual and/or caretaker.

Bathing Procedure

1. Place the drain plug in the drain
2. Start the air blower by pressing the Aqua-Aire ON/OFF button shown on the controls page to allow warm air to circulate around the individual while the spa is filling. The blower has 3 speeds. Pressing the button once will give you the maximum water movement. Twice will be medium water movement and the third time will give you minimal water movement. Fourth push will shut the Aqua-Aire off.
3. Turn the hot and cold water handles on to mix the proper temperature of water for the bath typically between 95-105 degrees Fahrenheit.
4. Monitor the water temperature by constantly feeling the incoming water temperature. Adjust the water temperature by turning the hot and cold water handles to desired bathing temperature, 95 to 105 degrees Fahrenheit is a common comfortable temperature.
5. When filled, turn the hot and cold water handles to the off position.

⚠️ 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 individual.

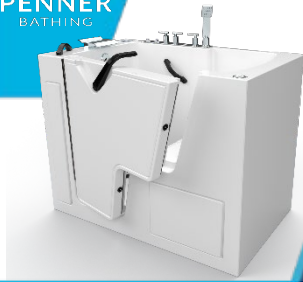
⚠️ WARNING

In the following bathing instructions, the individual is required to rinse themselves with the shower sprayer. Before doing so each time, make sure the temperature is between 95 and 105 degrees Fahrenheit by viewing the temperature readout. As a further precaution, always test the water on the inside of your wrist before turning on the shower sprayer. Failure to follow the precautions in this warning could result in a burn injury to the individual.

Bathing Procedure Continued...

The individual is now ready to begin bathing. The suggested bathing time is 5 to 10 minutes. Bathing an individual more than 10 minutes is not required.

6. Apply desired amount of bath oil and shampoo.
7. The individual bathes the upper body as follows:
 1. Apply bathing oil or shampoo to the body.
 2. Begin gently washing the 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 bath oil to the problem area and let it soak in until time for shampoo.
8. Rinse the upper body with shower sprayer as follows:
 1. Pick up the Hand held shower sprayer located at the front right of the control deck as shown on the controls page.
 2. While pointing the sprayer into the spa, **not onto the body**, turn the shower diverter to active shower sprayer and turn hot and cold water valves to mix a comfortable water temperature.
 3. Monitor the temperature by viewing the shower sprayer temperature readout. As a further precaution, always test the water on the inside of your wrist before turning the shower sprayer on yourself.
9. The individual will shampoo hair, using the following procedure:
 1. Wet hair with the shower sprayer
 2. Apply a small amount of body wash and shampoo to the wet hair.
 3. Massage the head to create a lather. Continue the massage to fully clean the hair and scalp.
 4. Rinse with the shower sprayer.
 5. (Shampoo and rinse a second time if required.)



⚠️ WARNING

Failure to having the spa completely drained before unlocking the door could cause injury. Be aware of possible water on the floor when exiting spa. Take necessary precautions to avoid slipping and/or falling such as: proper support, secure grips to hold, physical assistance, non-slip bath mats.

Exiting the Spa

After the bath is complete, you are now ready to exit the spa.

1. Leave the air blower on to allow warmer water to circulate around the individual while the bath is draining.
2. **Drain the spa** by pulling the drain plug from the drain. Allow the spa to be completely drained.
3. Unlock the door by pulling the door handle back or towards the residents.
4. Open the door to the widest position.
5. Dry Off.
6. Swing legs around and place feet on the floor.
7. Use proper nursing techniques to transfer to a wheelchair or other chair to finish hair, nail, shaving, etc. if needed.
8. After finishing your bath routine, leave the bathing room.
9. The TheraSpa is now ready to disinfect.

System Cleaning (after bath)

Clean and disinfect the spa 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 SPA'S FIBERGLASS SURFACE. PENNER CLEANER/DISINFECTANT IS THE ONLY CLEANING SOLUTION DESIGNED AND RECOMMENDED FOR USE WITH YOUR THERASPA.

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.

Cleaning of this equipment by untrained personnel could result in injury to the operator or patient.

1. Close and lock the door.
2. Push Aqua-Aire button to start the blower. Let run for 5 seconds. Push Aqua-Aire button again until blower turns off.
3. Remove any visible tissue, residue, or fluids from the spa by using the shower sprayer and rinsing the inside spa surfaces.
4. Place plug into the drain.
5. Using a 16oz squirt/spray bottle, pour ¼ oz to 1oz of Penner Disinfectant into the bottle and then add 16oz water. Squirt/spray the disinfectant solution throughout the spa. Making sure to use a liberal amount of disinfectant solution.

WARNING

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.

- Using the long-handled brush, available from your Penner distributor, thoroughly scrub all interior surfaces. Let disinfectant stay on surface for 10 minutes. (Or, as recommended by the instructions on the disinfectant concentrate container.)
- Remove the plug from the drain.
- Rinse the TheraSpa with the shower sprayer.
- Visibly check that the spa was effectively cleaned during the disinfecting procedure. If not, repeat the procedure.
- Once a day take time to clean around the door seal with disinfecting solution.
- We recommend using a towel to wipe off all excess water after each bath. This will keep your TheraSpa looking great for years to come.

WARNING

While replacing system liquids, 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.

Daily Maintenance

To properly maintain the TheraSpa, perform the following daily maintenance procedures:

- Check that there is an adequate supply of disinfectant in the spa room in a properly labeled container.
- Perform the **Daily Safety Checklist** described in the following section before using the system:
 - High temperature limit-Turn the hot water handle to open. Test the fill and shower sprayer water temperature to ensure that it reaches no more than 110 degrees Fahrenheit (lower if required by local regulations).
 - Seal wear-Open the door and check to see that the seal is not cracked or peeling away from the door.
 - Locking lever-Fully close the door and check for complete locking of both door pins and check for smooth operation.

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.

IF ANY PART OF THE SYSTEM IS NOT FUNCTIONING PROPERLY, CEASE ALL BATHING ACTIVITIES UNTIL THE PROBLEM IS CORRECTED BY TRAINED INDIVIDUALS. THE SYSTEM MUST BE MAINTAINED ON A SCHEDULED BASES TO ENSURE IT IS FUNCTIONING PROPERLY. FAILURE TO HEED THESE PRECAUTIONS COULD RESULT IN INJURY TO THE OPERATOR OR INDIVIDUAL.



Maintenance and Adjustments

Routine Maintenance

Suggested maintenance to be performed on unit. Contact your Authorized Penner Spa Distributor for periodic updates to this revision.

Tub Model # _____ **Tub Serial #** _____

Reservoir Model # _____ **Reservoir Serial #** _____

Transfer Model# _____ **Transfer Serial #** _____

Checklist	Monthly	Quarterly	Semi-Annually	Yearly
Spa				
Check hoses and connections for leaks or damage.			X	
Check Aqua-Aire functions and controls.			X	
Check disinfectant system		X		
Check Thermometers accuracy with calibrated probe thermometer.			X	
Inspect electrical connections. (GFCI, Circuit breakers)	X			
Check mixing valve for proper temperature. Use a calibrated probe thermometer to verify.			X	
Check Screens and water supply connections.			X	
Transfer				
Inspect Batteries for Transfers	X			
Check E-Stop to make sure it functions properly	X			
Check function of Emergency lowering button		X		
Belts for transfers and lifts should be free from tears.	X			
Castors should be kept clean and make sure the brakes hold securely.		X		
Hand control is functioning correctly		X		
Batteries for Scales (4 AA)			X	
Scale is calibrated regularly or when variance are observed. (May be more or less according to Facility regulations) Use a calibrated 25 or (50lb for Bariatric) weight to do calibrations.		X		
Reservoir				
Reservoir Tank- Clean/Disinfect as needed.	X			

The above items should be adjusted if issues occur more frequently. Each facility is different so quality of water plays an important role in many of these checks. Many of the items listed above are in your manuals. The manuals are a great source of information regarding making adjustments to temperatures installing and operating. Also your facility or state and local codes may require more frequent inspections.

If help is needed with checking or making adjustments please call your local distributor or you may also call Penner Manufacturing directly for assistance.



Contact Information

Penner Bathing

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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 appropriate corrective action can be completed.

Your Penner Distributor is trained to provide in-service instruction and maintenance on your TheraSpa. If you have any questions about the operation or maintenance of you TheraSpa, please contact your Penner Distributor. For you nearest Penner distributor, contact Penner Patient Care, Inc at 1-866-736-6377 OR 1-800-732-0717

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