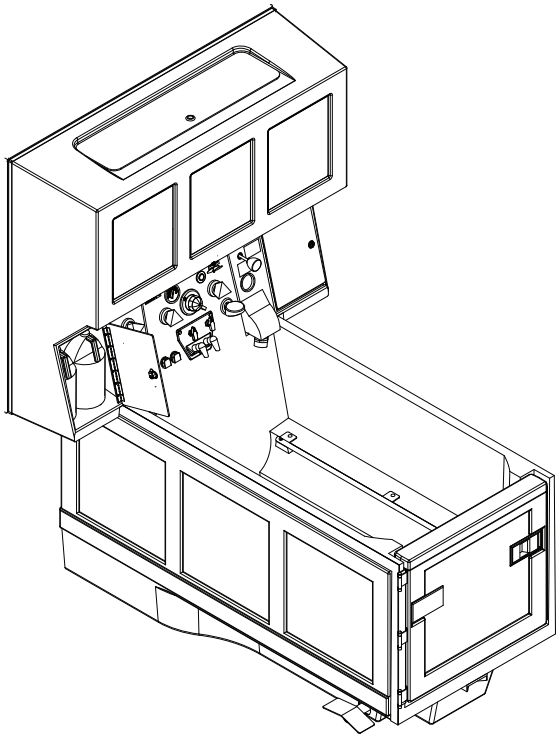
APOLLO BATH

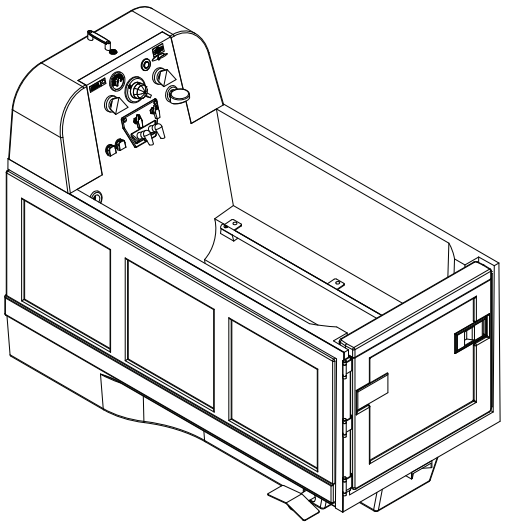
ELEVATING SENIOR HEALTH...WITH STYLE

Advantage™ Bathing System Installation Manual

(Manual Part Number 990099)



6000 Series



6300 Series

450 Main St, Somerset, WI 54025
Phone: 877.234.BATH (2284) Fax: 715.247.3424 https://apollobath.com

Table of Contents

Forward

Thank you for purchasing an Apollo bathing system. Although we try to be as detailed as possible in this manual, we recognize that all installations can vary because of room size, floor types, drain types, etc. For this reason we suggest you read through the instructions first and familiarize yourself with the items mentioned in the instructions.

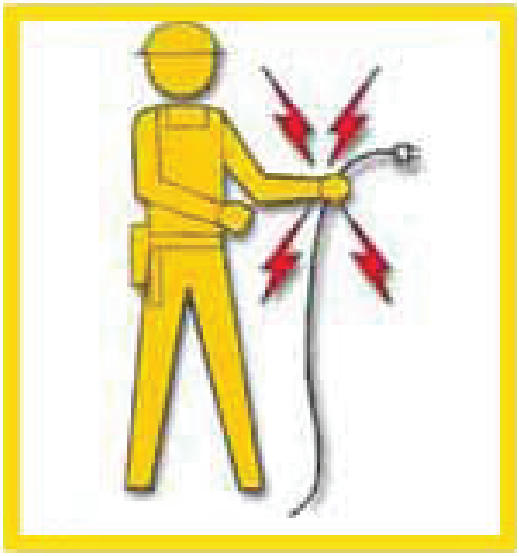
The Advantage™ Bathing System 6000 Series has the Rapid Fill™ Reservoir option (note picture on cover page). This system consists of a 2 piece tank stand which mounts close to the wall, a large plastic holding tank that mounts on to the stand, and a fiberglass covering that mounts over the holding tank. The holding tank stores the bath water until it is released into the tub and then refills for the next bath.

If you are installing an Advantage™ Bathing System 6300 Series (note picture on cover page), there is no holding tank. The water for the tub comes from the facility supply and goes directly into the tub. Please disregard the cabinet and tank stand sections and move directly to installing and anchoring the tub into place.

Plumbing and Electrical Codes

All states and municipalities may differ extensively in their plumbing and electrical codes. Therefore, it is Apollo Corporation's recommendation that you check with the proper enforcement agencies in your area before installation.

All Apollo bathing systems are manufactured with built-in backflow prevention. However, due to different plumbing codes, it is advisable that you ask your installer whether there is a need to install additional backflow prevention valves (such as RPZ valves) on any new construction.

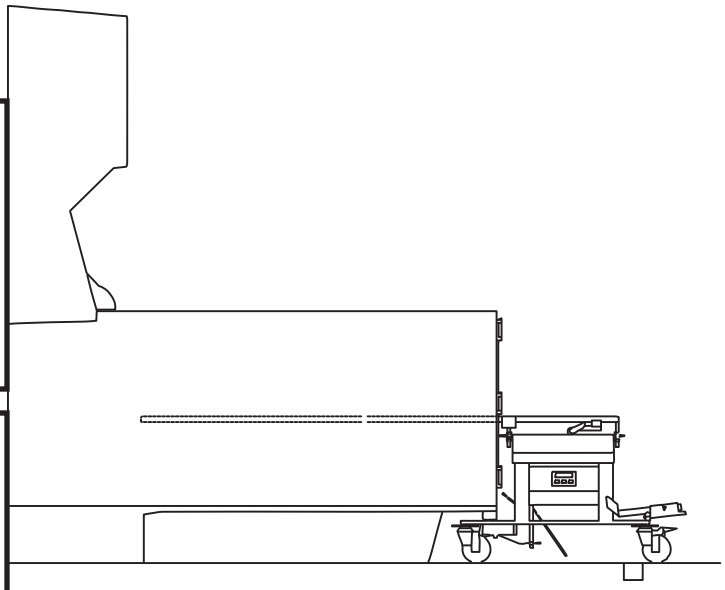


NOTE

- Lock Out or Tag Out electrical circuit for bathing system BEFORE installation.
- Electrical Protection: Class 1 Type B applied part.
- Bathing system installation must comply with all applicable building and health codes and regulations.
- It is recommended that hot water not greater than 120°F (49°C) be delivered to the bathing system.

Bathing Room Preparation

Plan Bathing System Location



!WARNING!

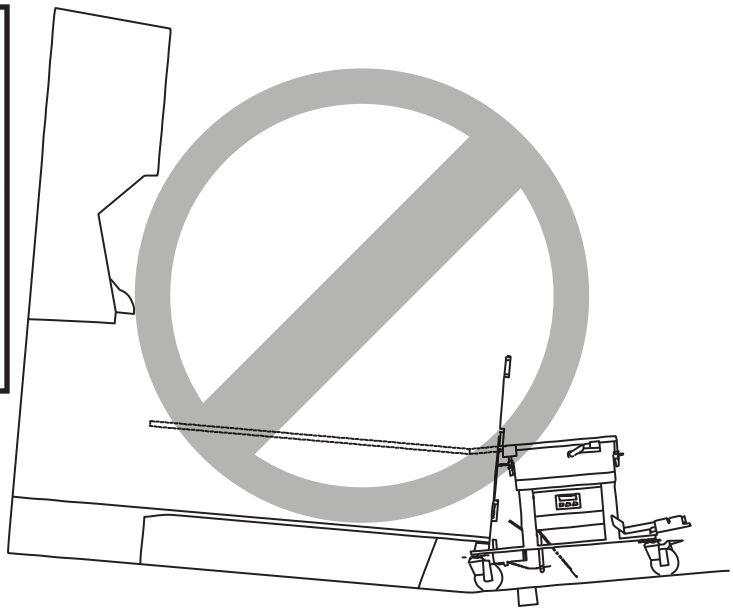
- Floor must be flat and level for Level Glide™ Transfer System to operate correctly. Choose the flattest floor location possible.
- Rails must align to prevent chair derailment.
- Level Glide™ Transfer System must lock securely to avoid separation from the tub.

CAUTION

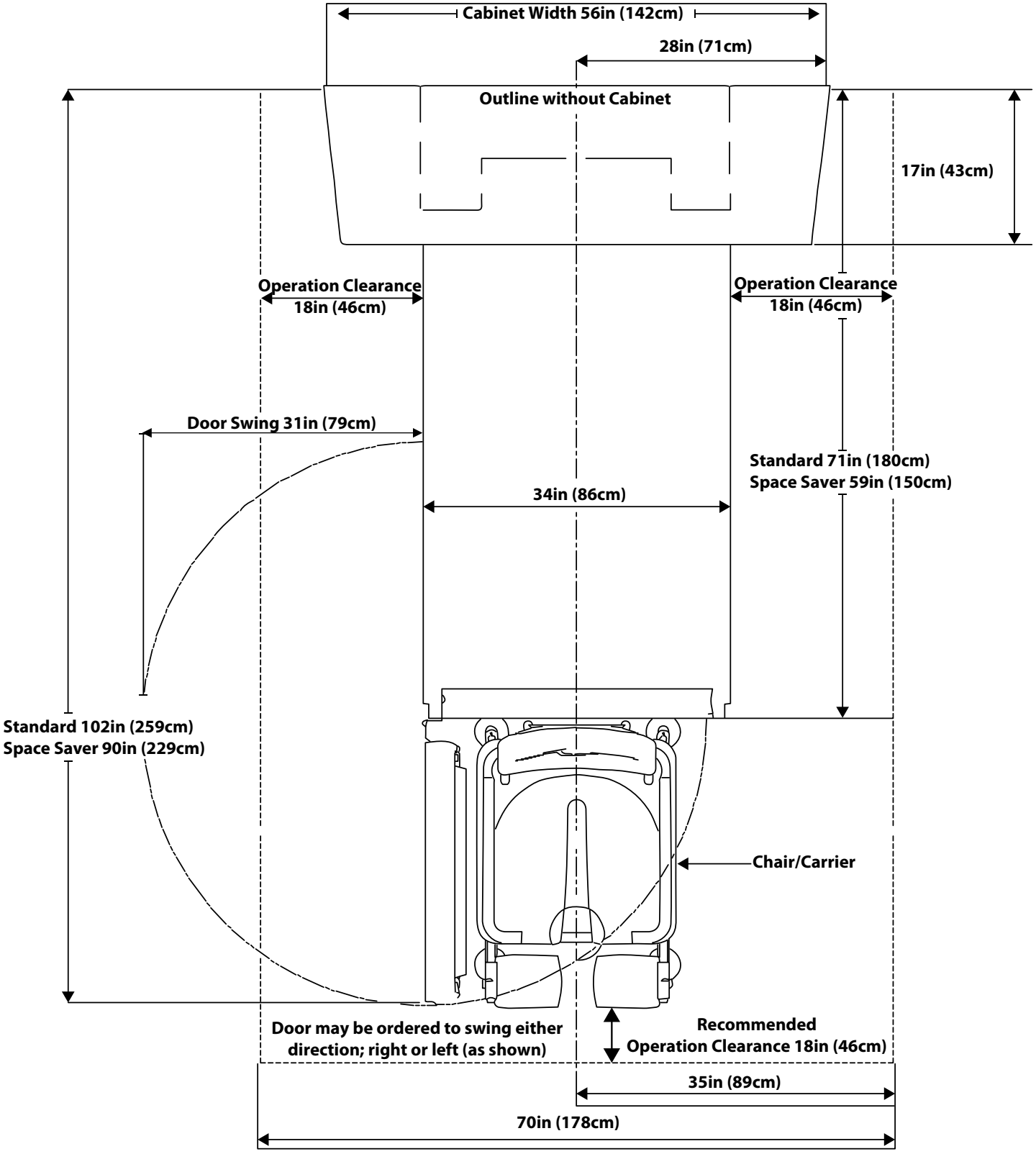
- Bathing room characteristics; including room dimensions, door sizes and floor drain placement, must comply with all applicable building and health codes.

NOTE

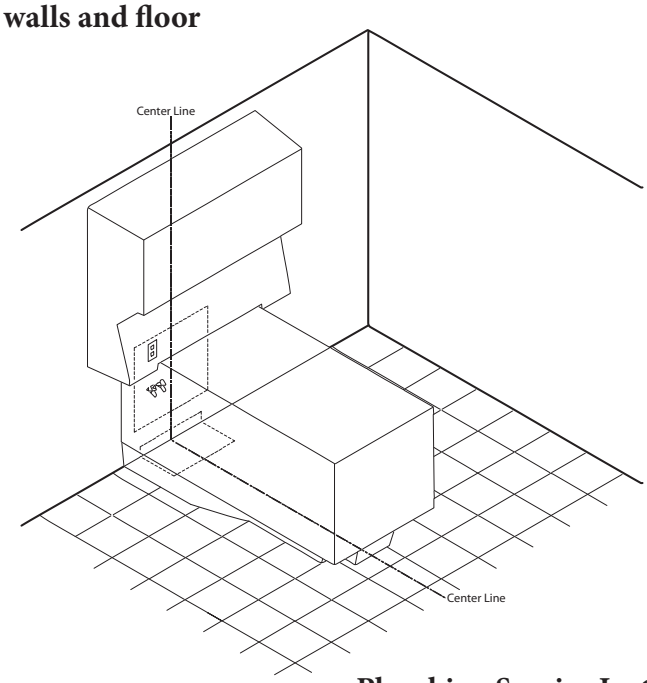
- Clearance of 18in (46cm) or more is recommended for ease of use and serviceability.
- A floor drain is recommended in the bathing room is case an emergency evacuation is required. Drain should not be in a place where it will interfere with resident transfer.
- Be sure cabinet does not cover switches, valves, or other items that must be reached by attendants or patients.



Bathing System Dimensions



- **Mark tub center line on walls and floor**



Electrical Service Installation

- Refer to the Electrical / Plumbing Connections diagram on the next page.

Plumbing Service Installation

- Refer to the Electrical / Plumbing Connections diagram on the next page.

!WARNING!

- Electrical current can cause severe injury or death.
- Turn off power breaker.
- Lock circuit open to prevent accidental activation.
- Electrical service must be located higher than the plumbing service.
- Install a Class A Ground Fault Interrupter (GFI) between the bathing system and the incoming electrical power supply. GFI must be easily accessible to reset if needed.

NOTE

- Recommended service for U.S. grounded 120 VAC, 15A with Class A Ground Fault Interrupter (GFI) to be supplied by facility's electrician.
- Electrical outlet for the Whirlpool or Air Spa must not have a built-in GFI.
- Electrical wiring must comply with all applicable building and electrical codes. A licensed electrician may be required to install this service.

CAUTION

- Wall and floor openings used to install electrical connections should be closed and sealed to help maintain sanitary conditions.

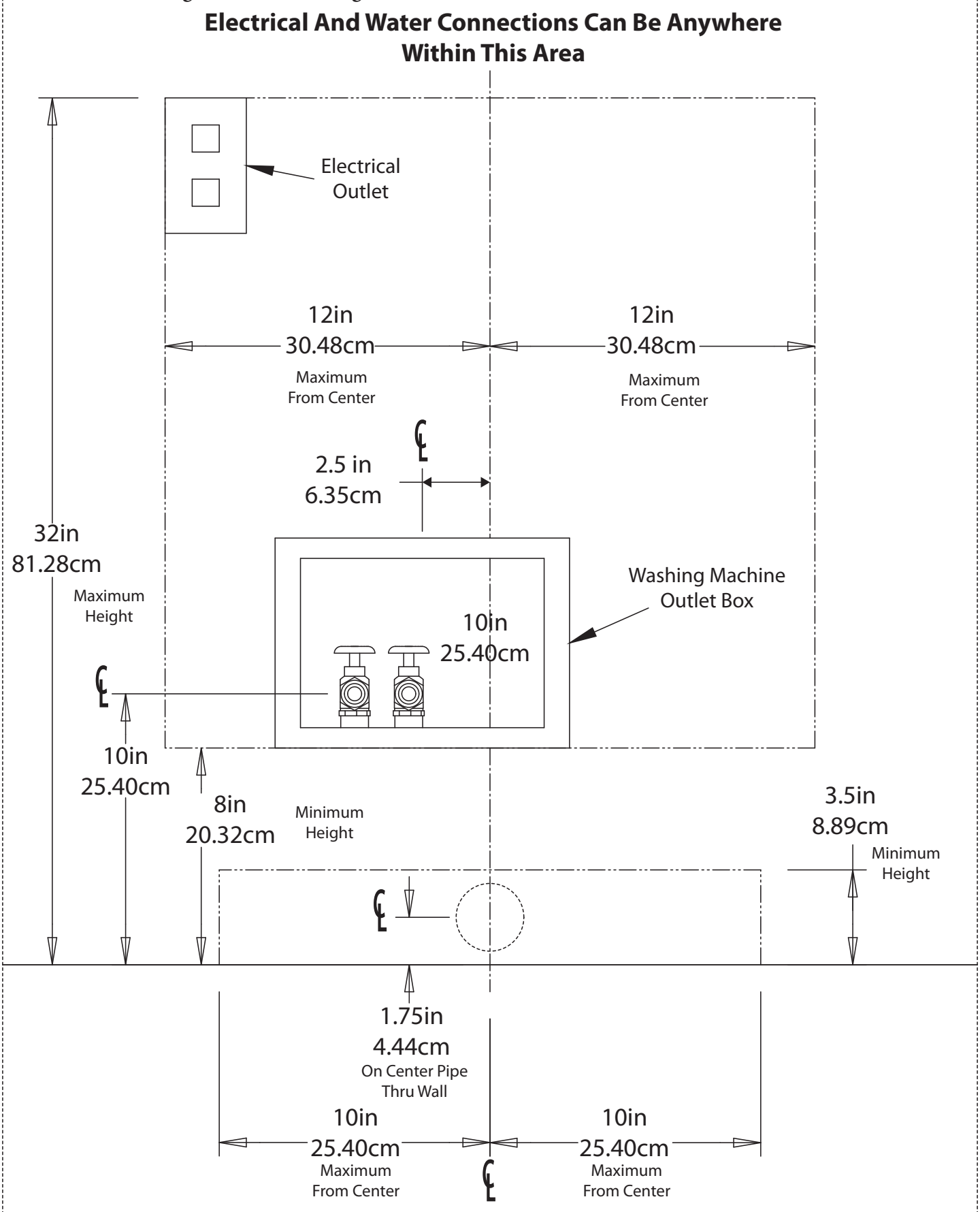
NOTE

- Minimum required water pressure is 30 PSI (2.1 Bar) for both hot and cold water supply.
- Plumbing service must comply with all applicable building and plumbing codes. A licensed plumber may be required to install this service.
- Local plumbing codes may require a backflow preventer to be installed in both hot and cold water supply lines.
- Flush Hot and Cold water lines prior to connecting to bathing system.

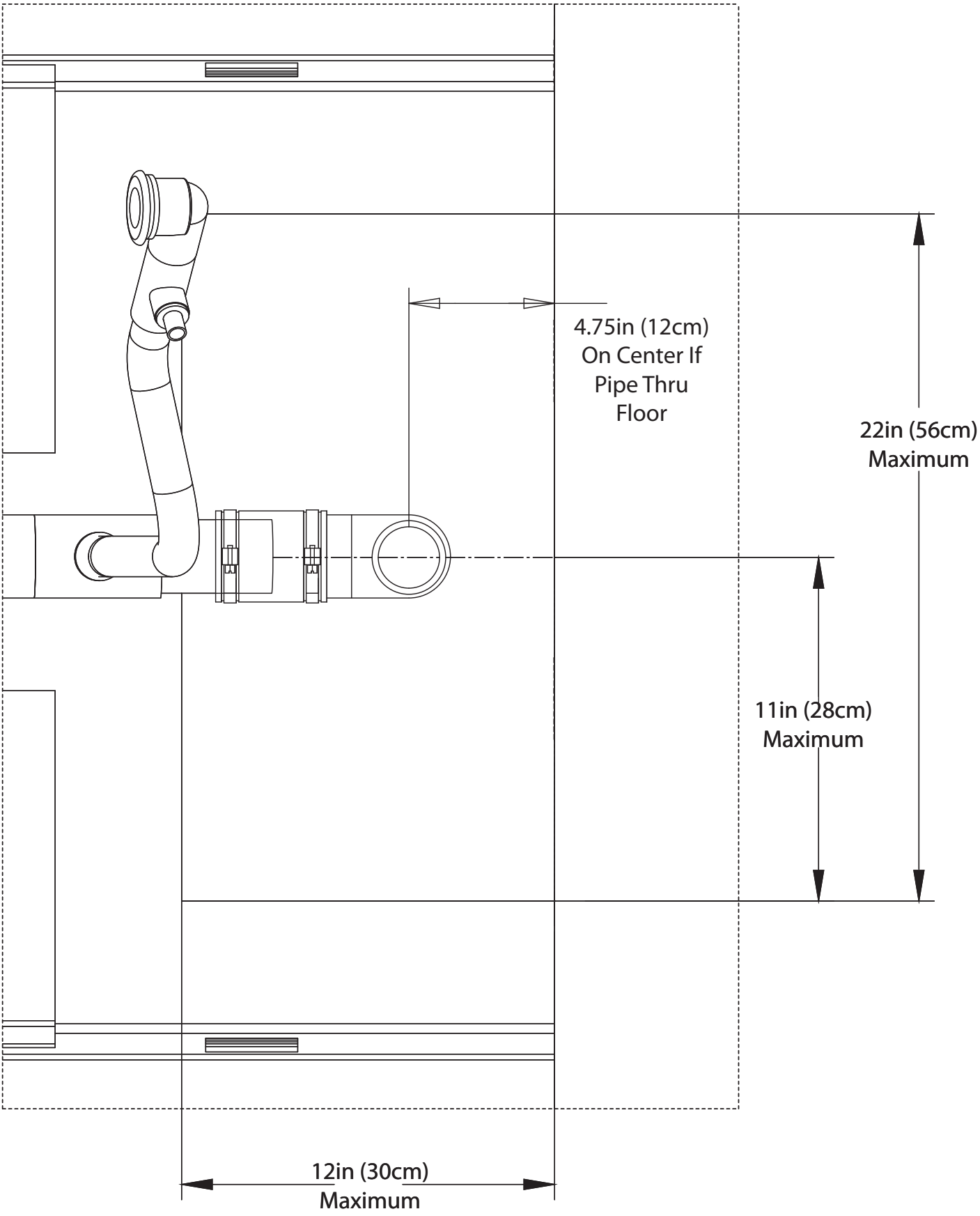
CAUTION

- Wall and floor openings used to install plumbing connections should be closed and sealed to help maintain sanitary conditions.

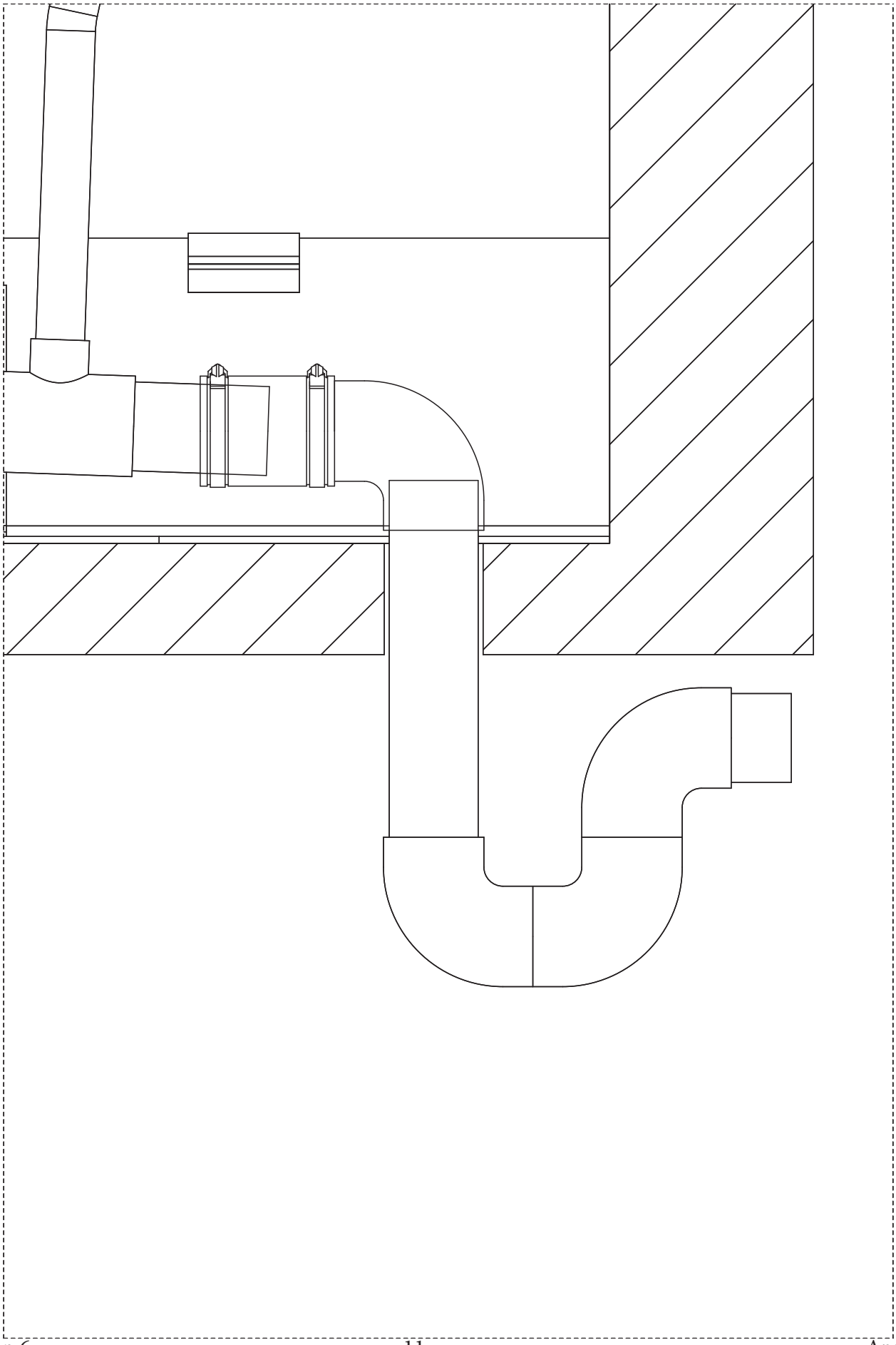
Electrical / Plumbing Connections Diagrams



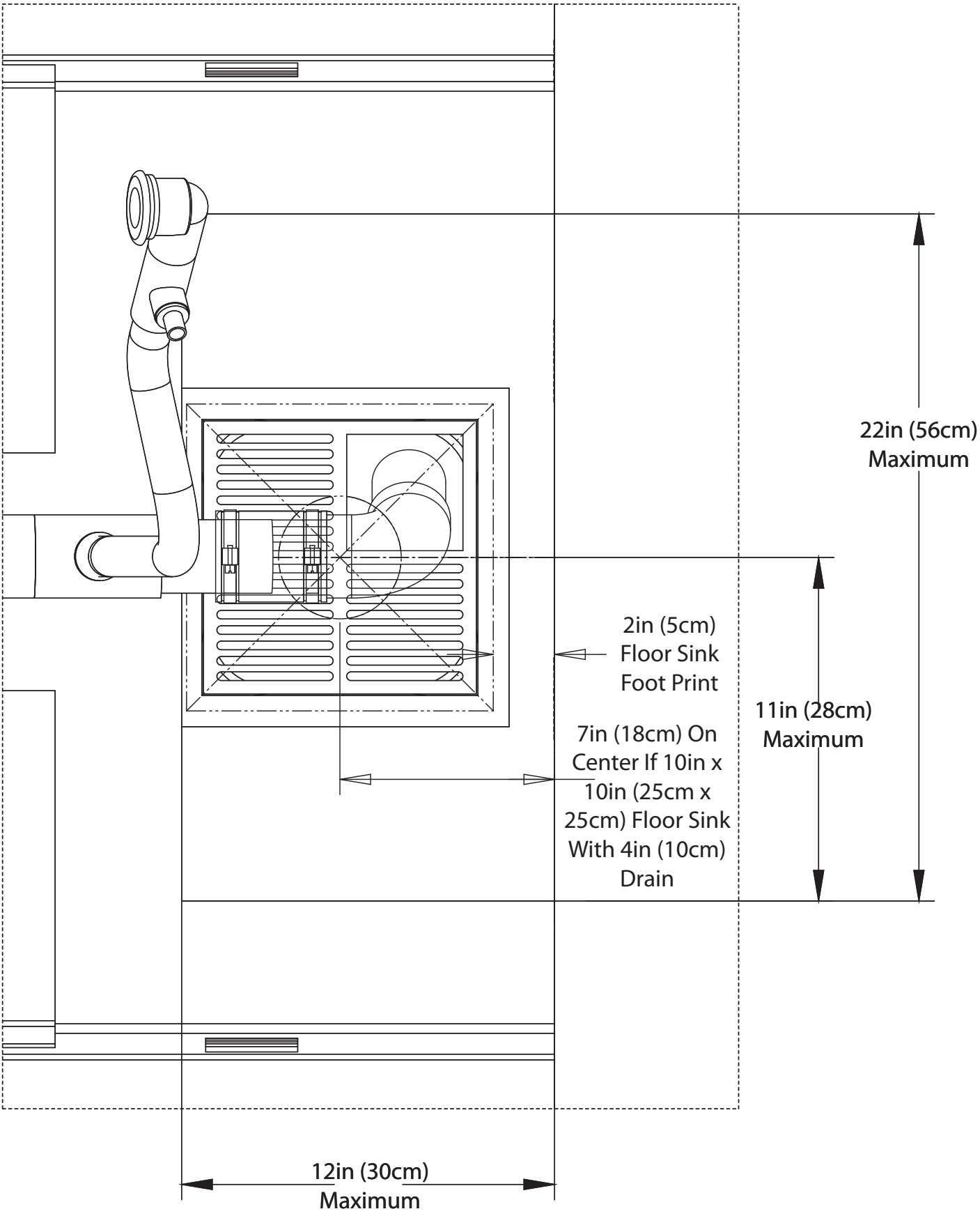
Floor Drain Connection Diagram



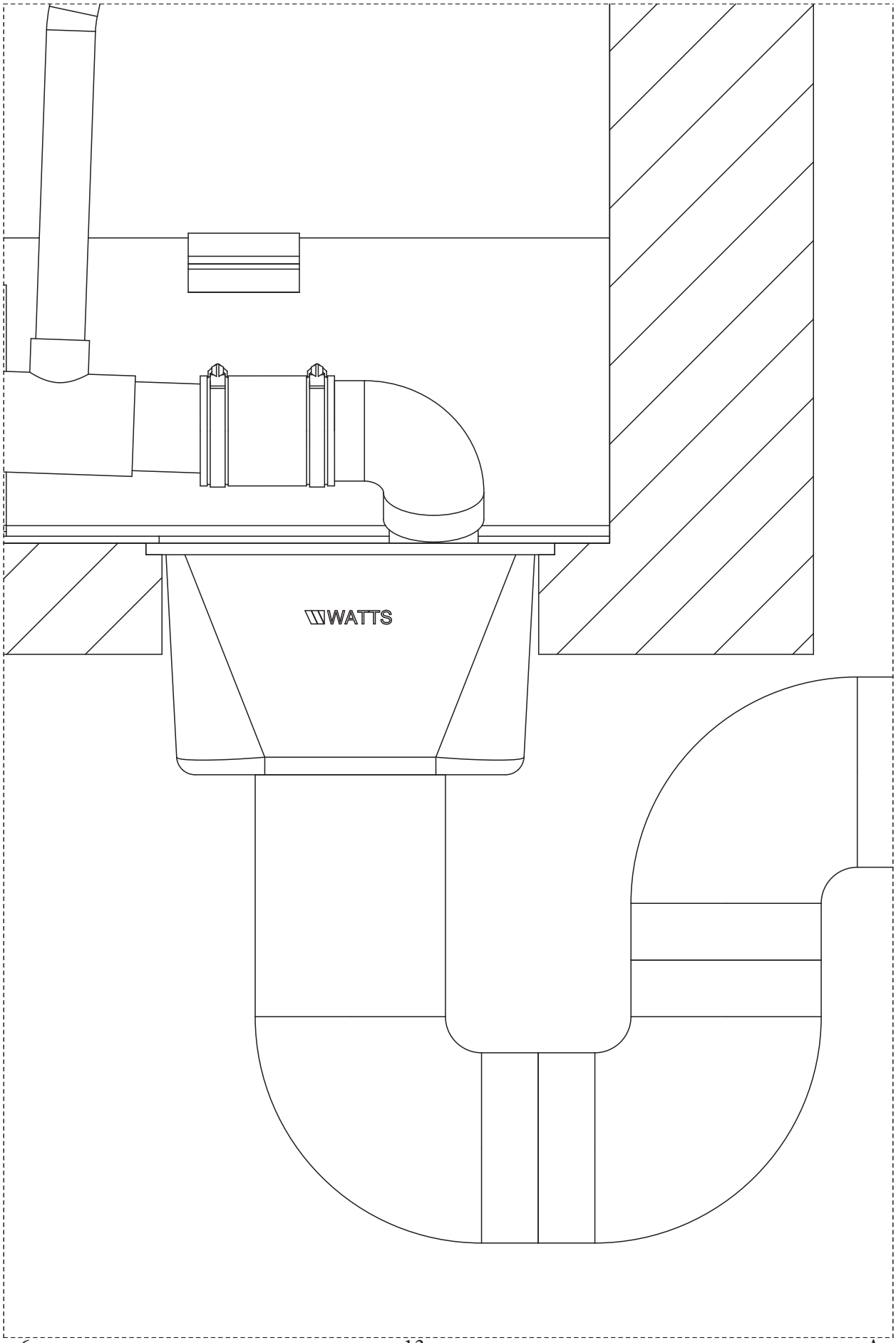
Floor Drain Installed Diagram



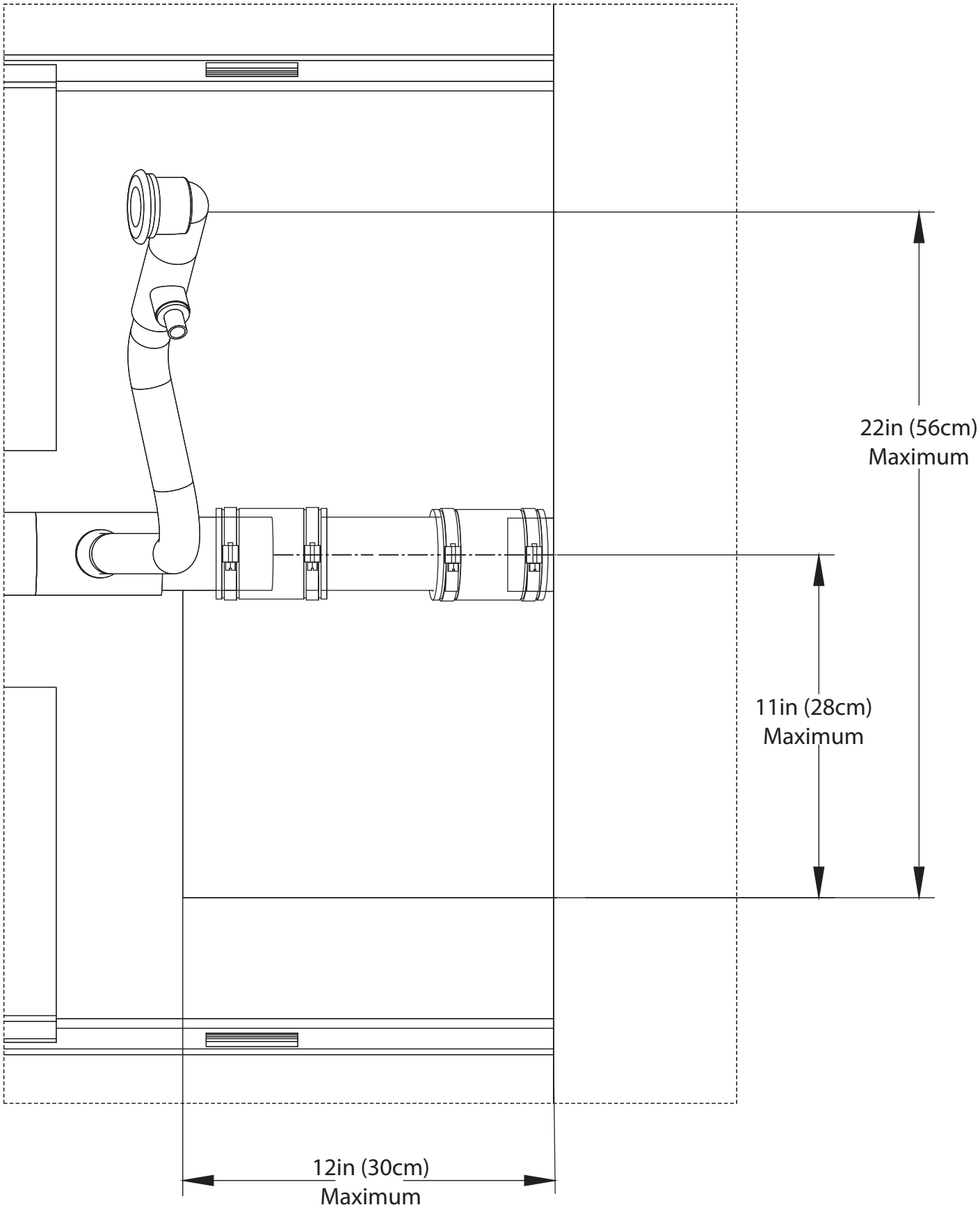
Floor Sink Connection Diagram



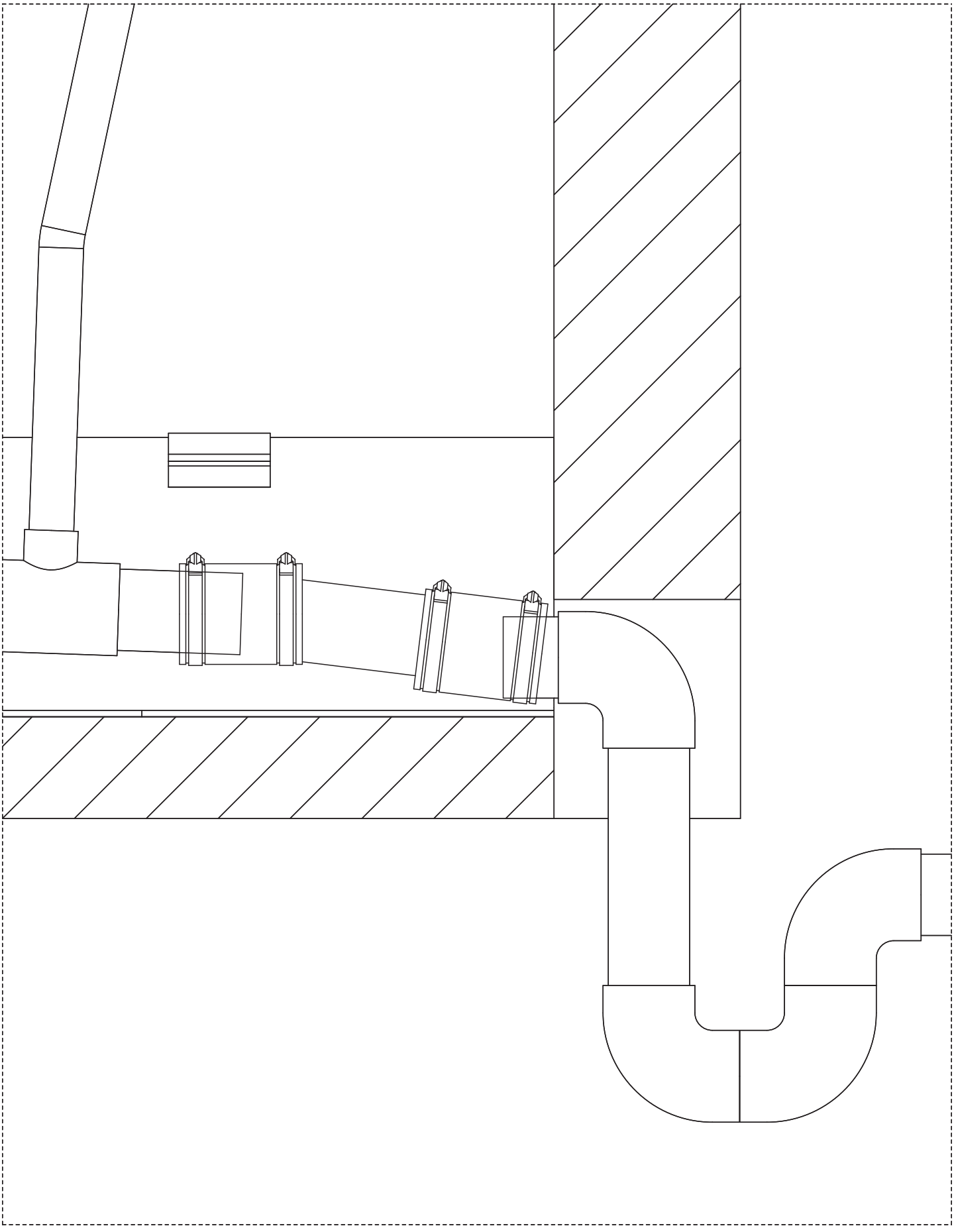
Floor Sink Installed Diagram



Wall Drain Connection Diagram



Wall Drain Installed Diagram

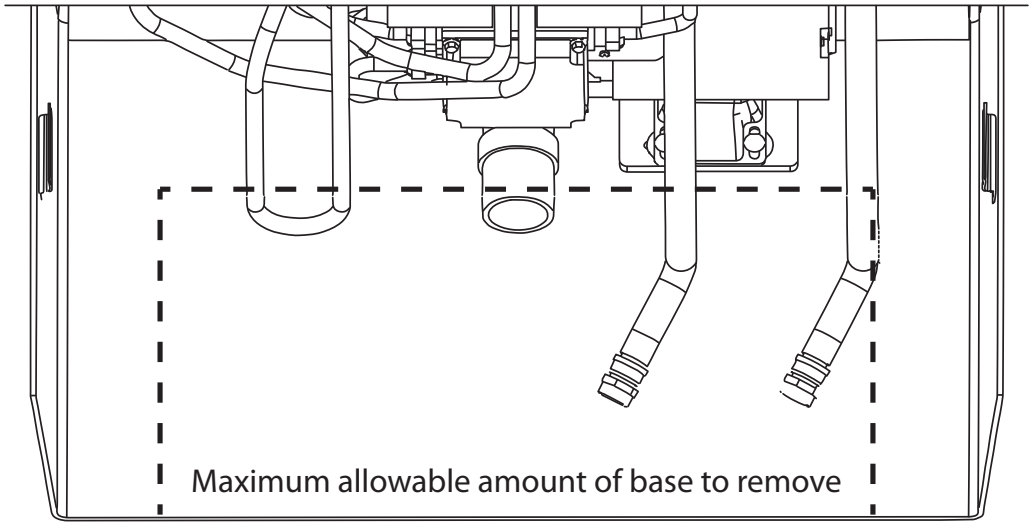


Tub Drain Preparation and Connection

Typical Drain Connections:

- PVC hard plumbed connection
- Rubber Fernco-type coupler
- Drain terminates into a floor sink

Depending on the type of drain or drain location; it may be necessary to remove a portion of the tub pedestal.



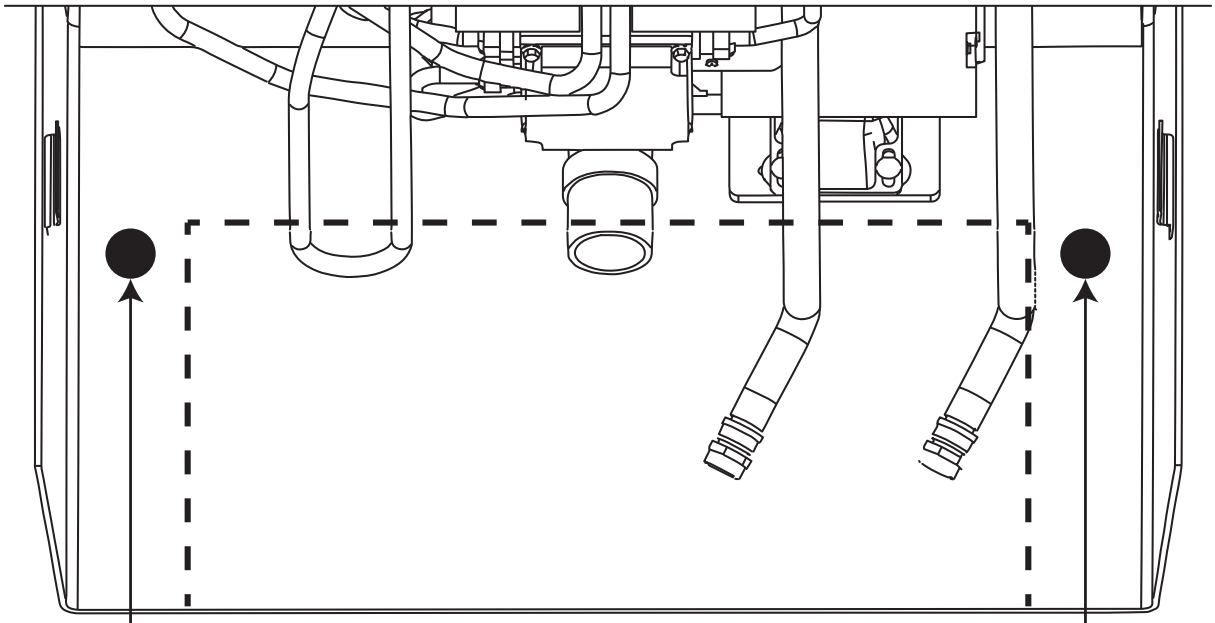
Install, Secure, and Level Bathing System

NOTE

- If you have the Rapid Fill Option, follow instructions 990135 included with the your shipment. Once complete, return to the Connect Drain Pipes and Water Supply section.

1. Position the bathing system into place.
2. Level the bathing system by shimming with suitable material.
3. Secure the bathing system to the floor by drilling through the tub's outer shell and into the floor. (See picture below)
4. Secure with anchoring fasteners acceptable to local building codes.

Optional: Seal around tub with premium quality sealant.



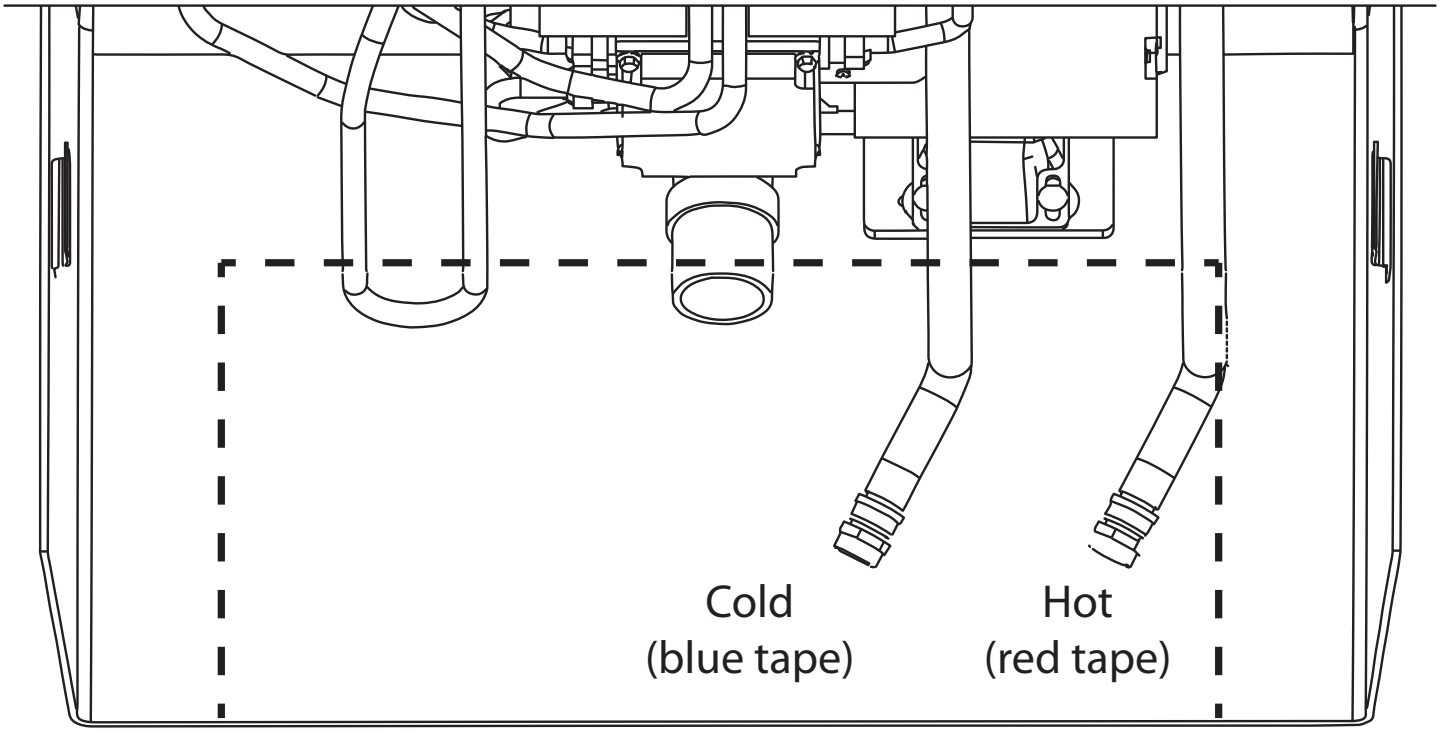
Anchor locations apply to the 6300 Series.
The 6000 Series is anchored when the tank stand is installed.

Connect Drain Pipes and Water Supply

NOTE

- Plumbing service must comply with all applicable building and plumbing codes.
- A licensed plumber may be required to install this service.
- Local plumbing codes may require backflow preventers to be installed in both the hot and cold water supply lines.

1. Align and connect the drain pipes
2. Flush Hot and Cold water lines prior to connecting to bathing system.
3. Connect the water supply hoses



UV Lamp Installation (if applicable)

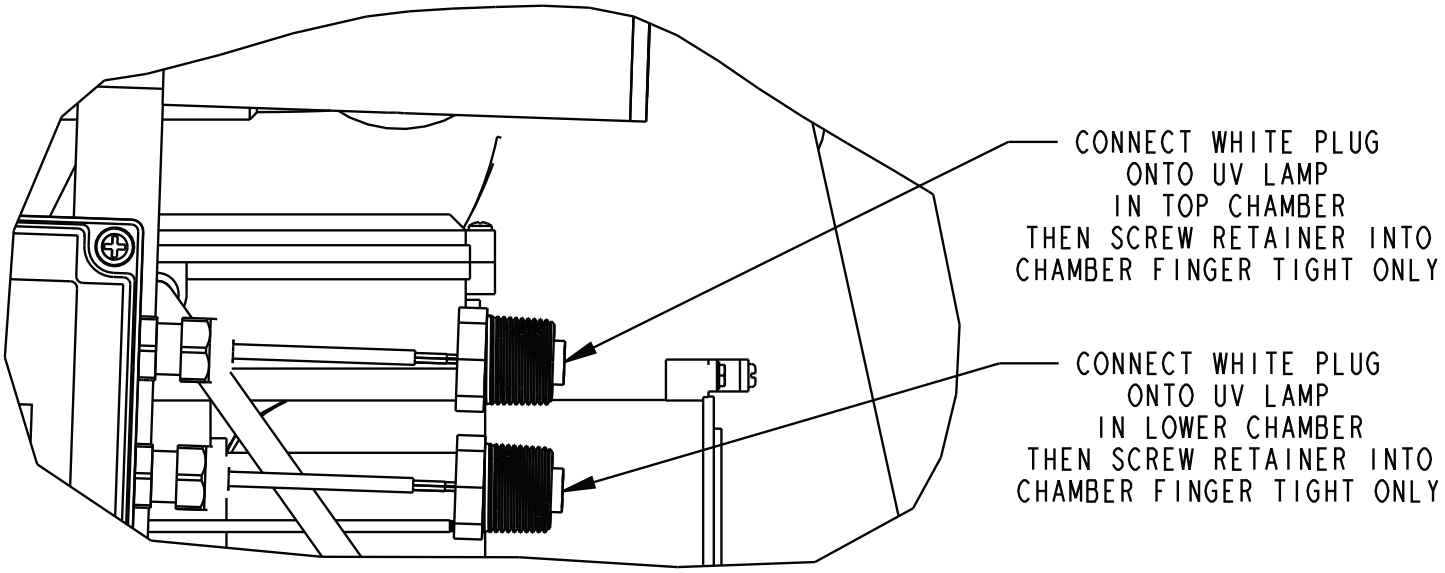
WARNING: UV lamps are made of glass, and as such are very fragile. Handle the UV lamps carefully at all times.

Install UV Lamps

1. Unscrew bulb retainer plug from the end of each Remedy® chamber.

CAUTION: Do not touch the UV lamp glass with your fingers. Only handle the UV lamp by the ceramic ends.

2. Carefully slide a UV lamp into each quartz tube inside the Remedy® chamber.
3. Plug the 4-pin socket from the wire harness into each UV lamp.
4. Screw bulb retainer plug into end of each Remedy® chamber.

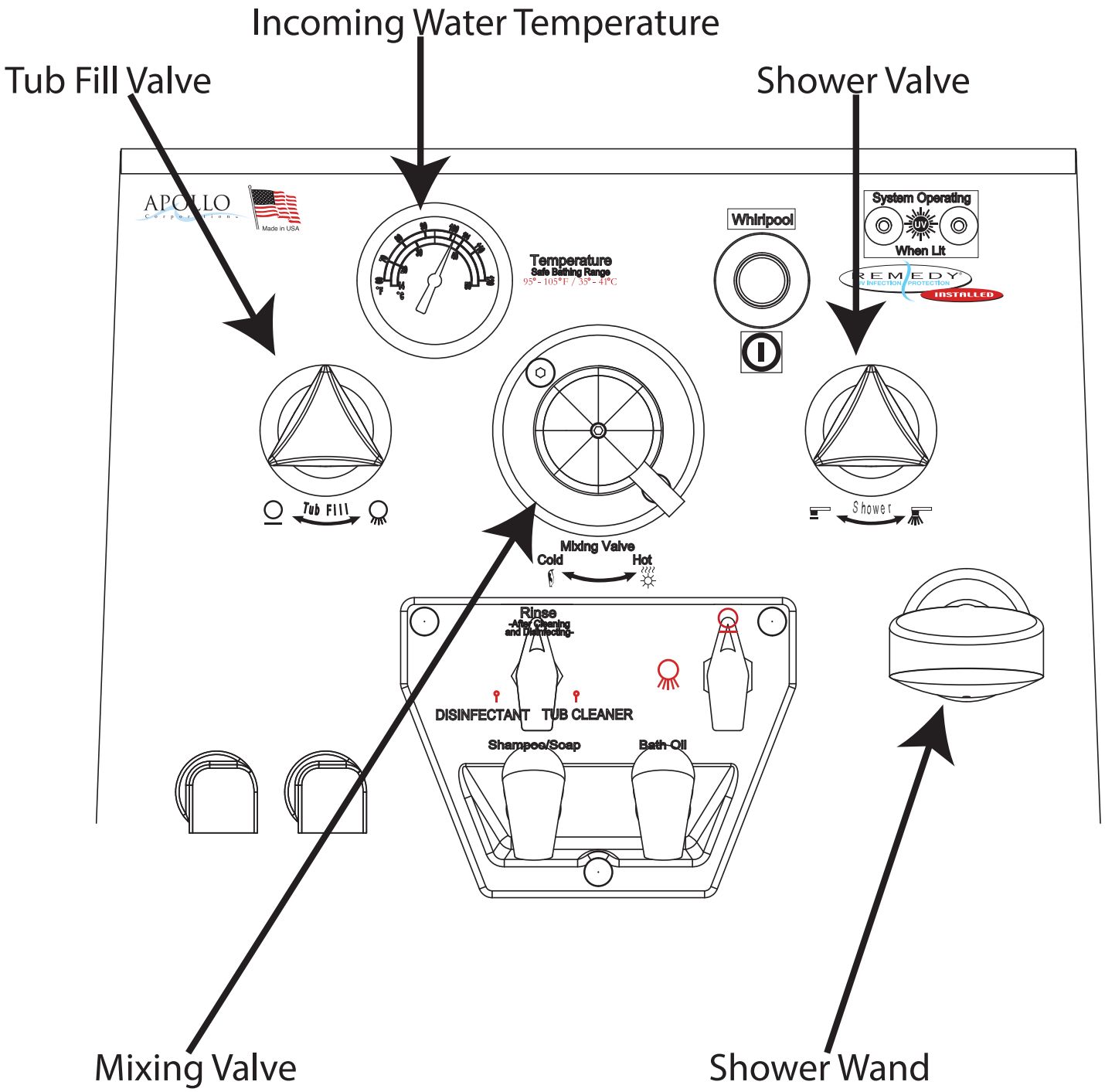


Verify Plumbing Operation

- Turn on the water supply.
- Check for leaks.

Mixing Valve Testing

1. Close tub door; close tub drain.
2. Open water supply valves.
3. Point shower wand into tub and open shower wand control valve; run until water is hot.
4. Adjust the Mixing Valve to verify water does not exceed 105°F (41°F).



Tub Fill, Reservoir Fill, and Thermometer Testing (6000 Series)

1. Push the Tub Fill Lever to Close.
2. Turn the Reservoir Fill Valve On.
3. Adjust the Mixing Valve to maintain a water temperature of 95-105°F (35-41°C)
4. Verify the reservoir water temperature is about the same as the incoming water temperature.
5. Verify the reservoir shuts off when it is full.

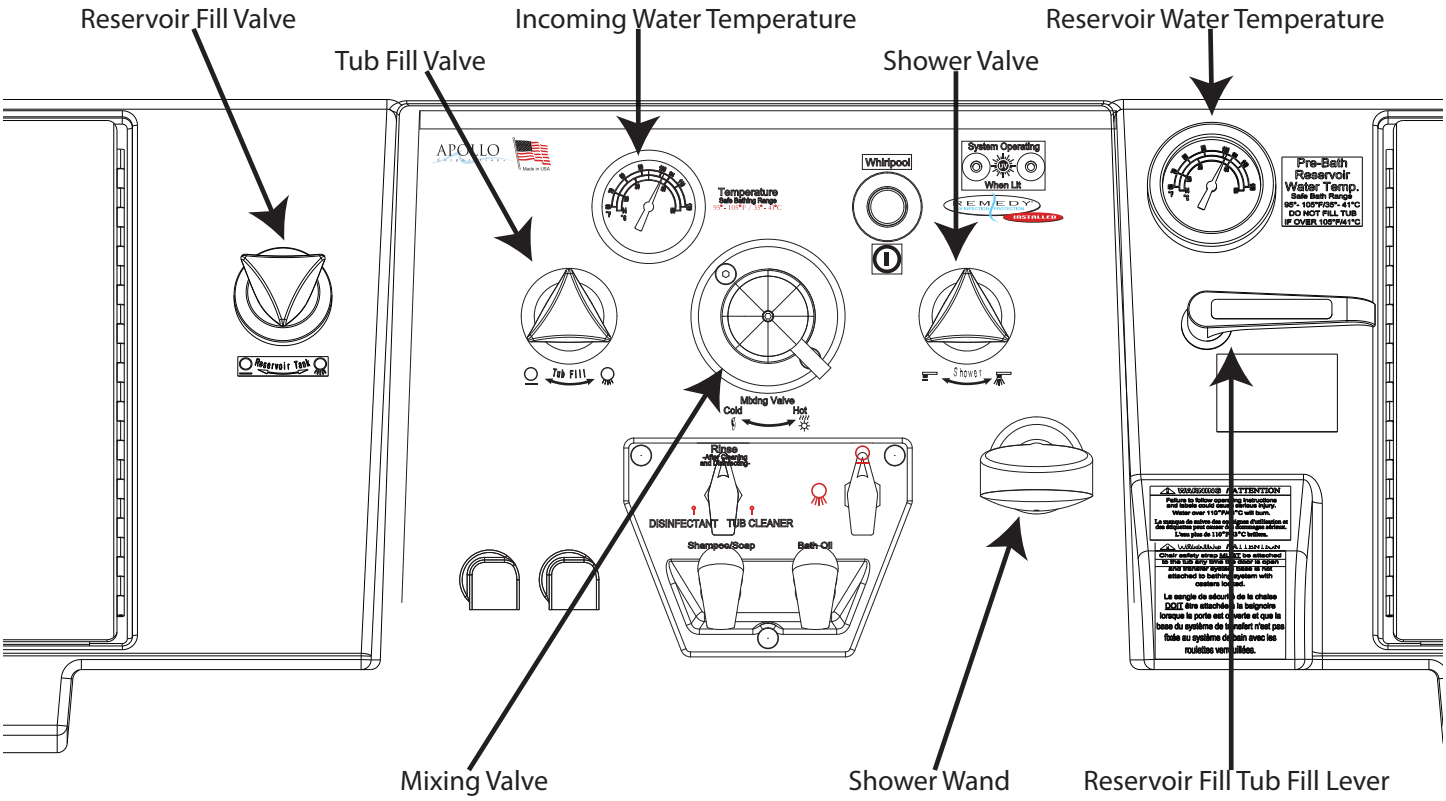
!WARNING!

Watch the thermometers and feel the water as it enters the tub.

Do not use if the temperature is above 105°F (41°C).

NOTE

(6000 Series Only) Water will continue to run refilling the reservoir after the tub has filled unless the reservoir fill valve is turned off.



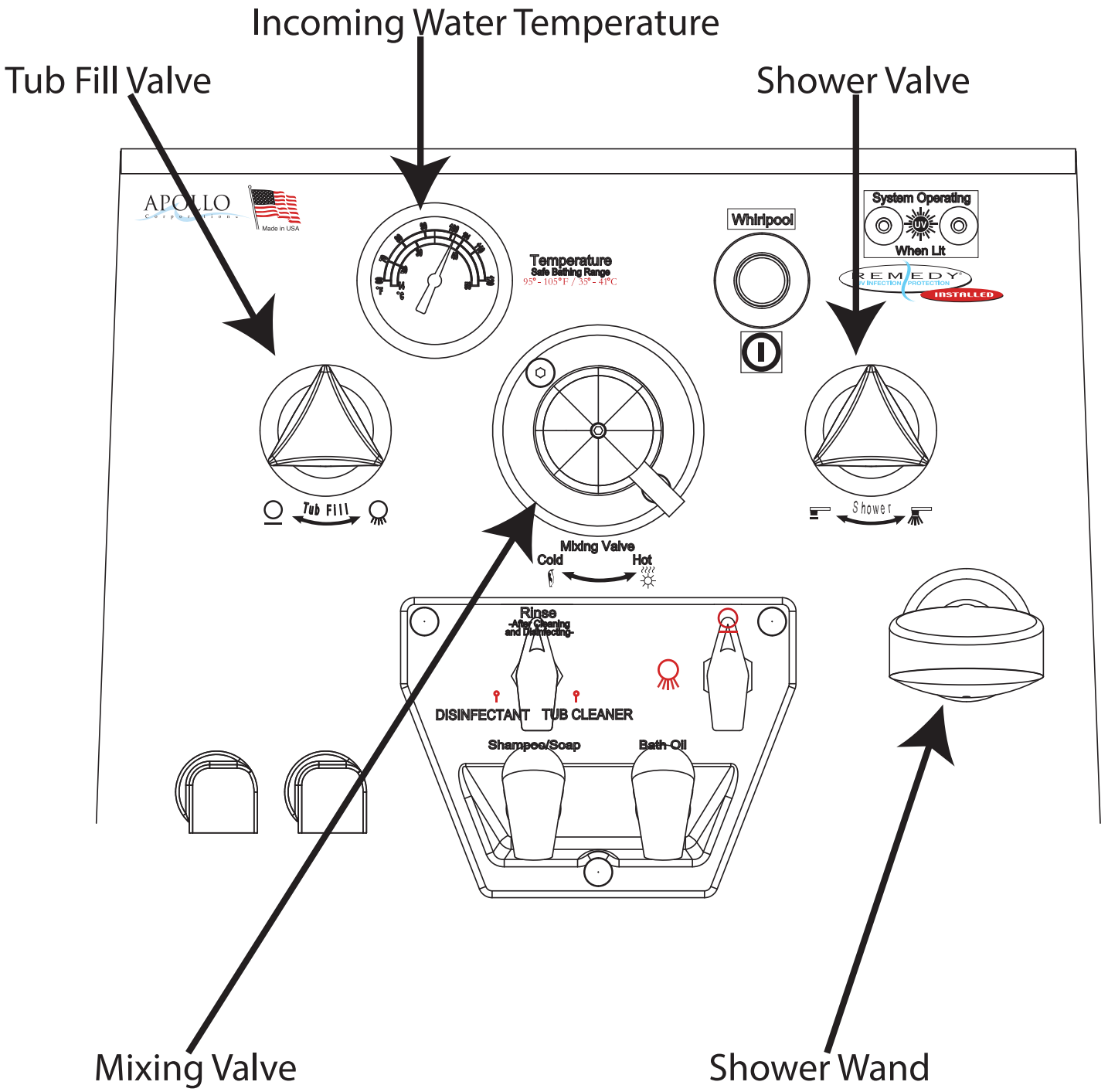
Tub Fill and Thermometer Testing (6300 Series)

1. Turn the Tub Fill Valve On.
2. Adjust the Mixing Valve to maintain a water temperature of 95-105°F (35-41°C)
3. Turn the Tub Fill Valve Off.

!WARNING!

Watch the thermometers and feel the water as it enters the tub.

Do not use if the temperature is above 105°F (41°C).

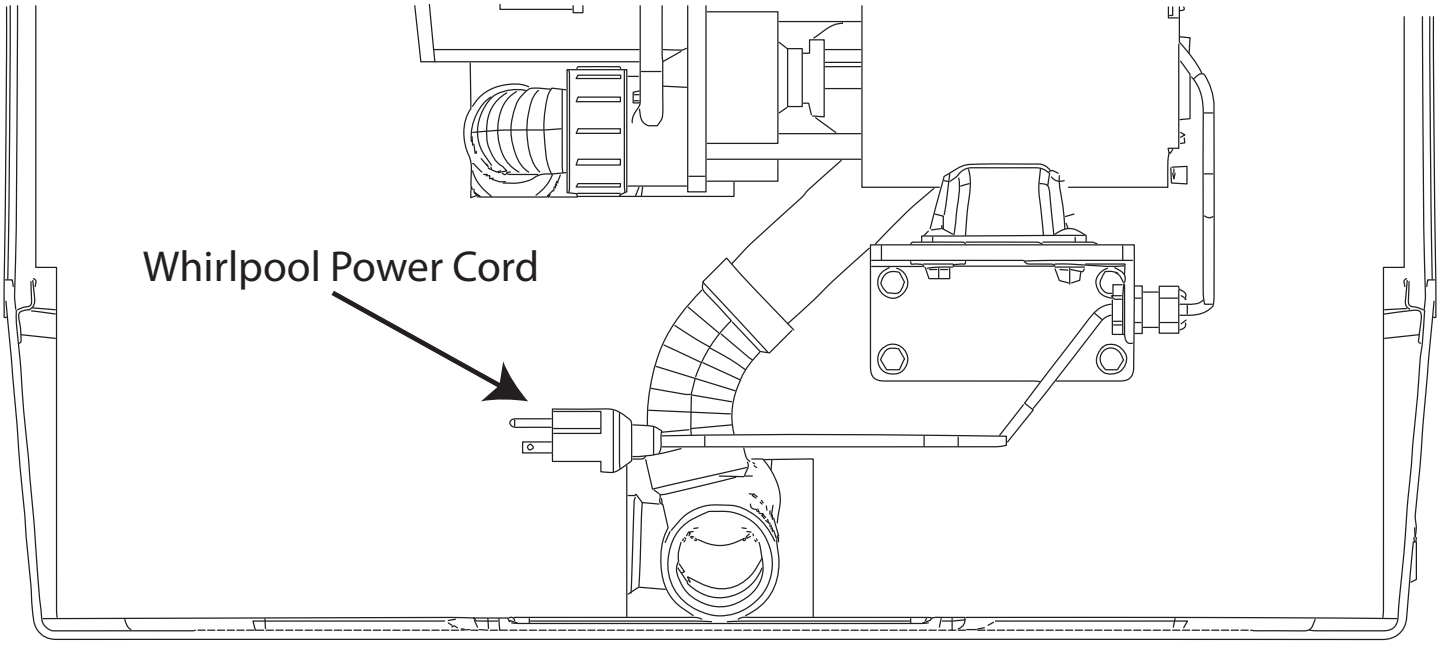


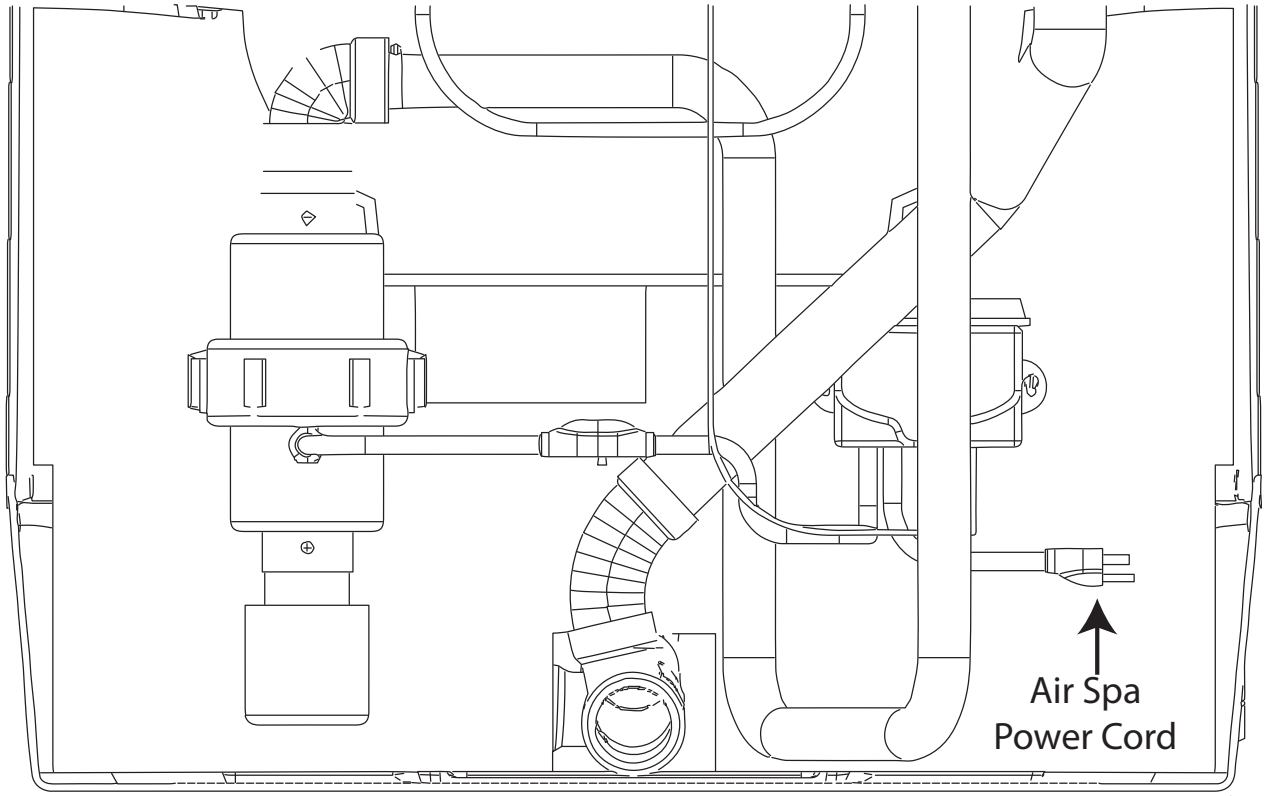
System Power

- Plug the electrical cord into a GFI protected socket.

NOTE

- The plug-in receptacle for the Whirlpool or Air Spa should not be the type with a built-in GFI. The GFI breaker should be located in the circuit breaker panel.
- Electrical wiring must comply with all applicable building and electrical codes. A licensed electrician may be required.

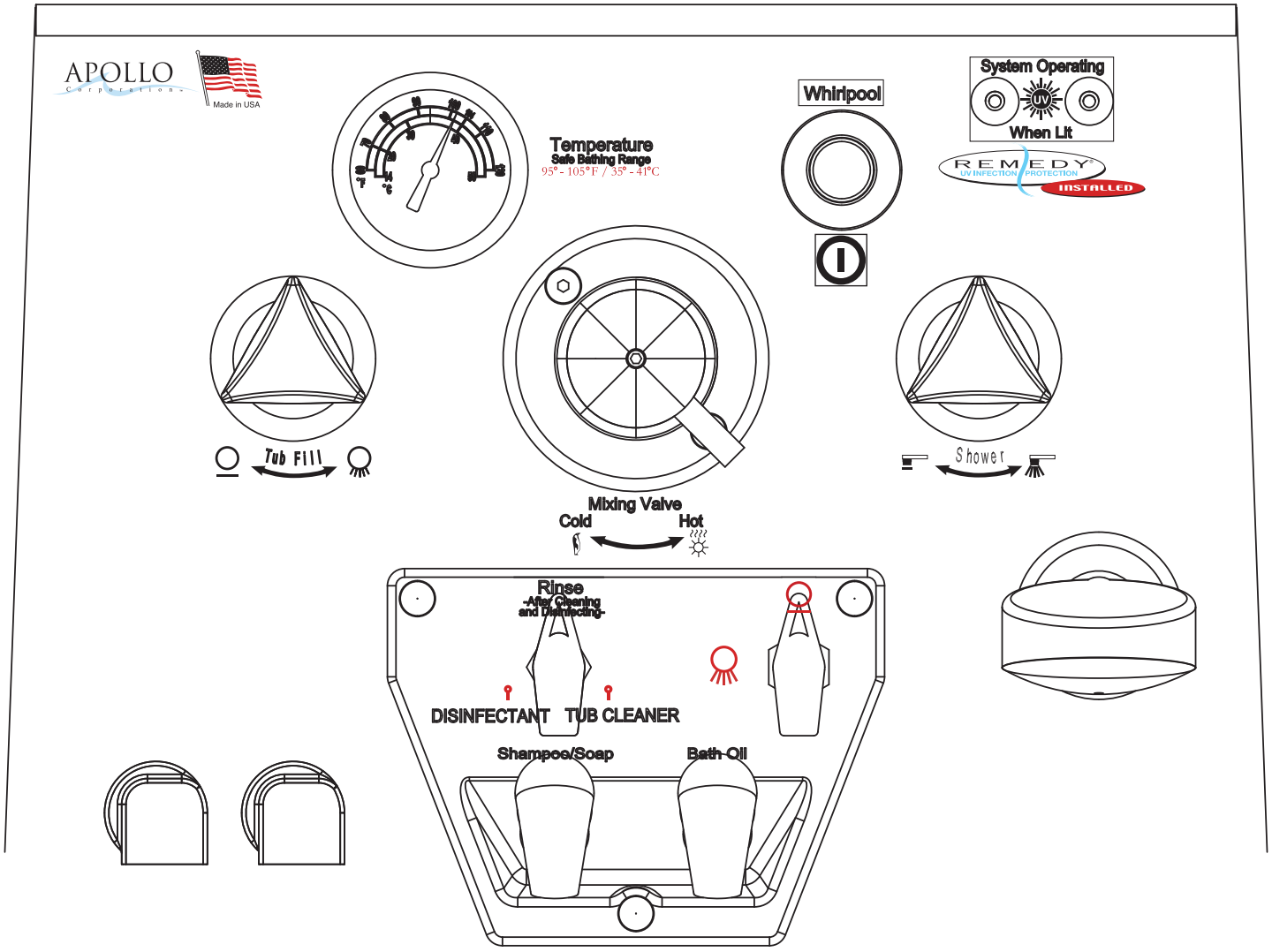




Operational Test

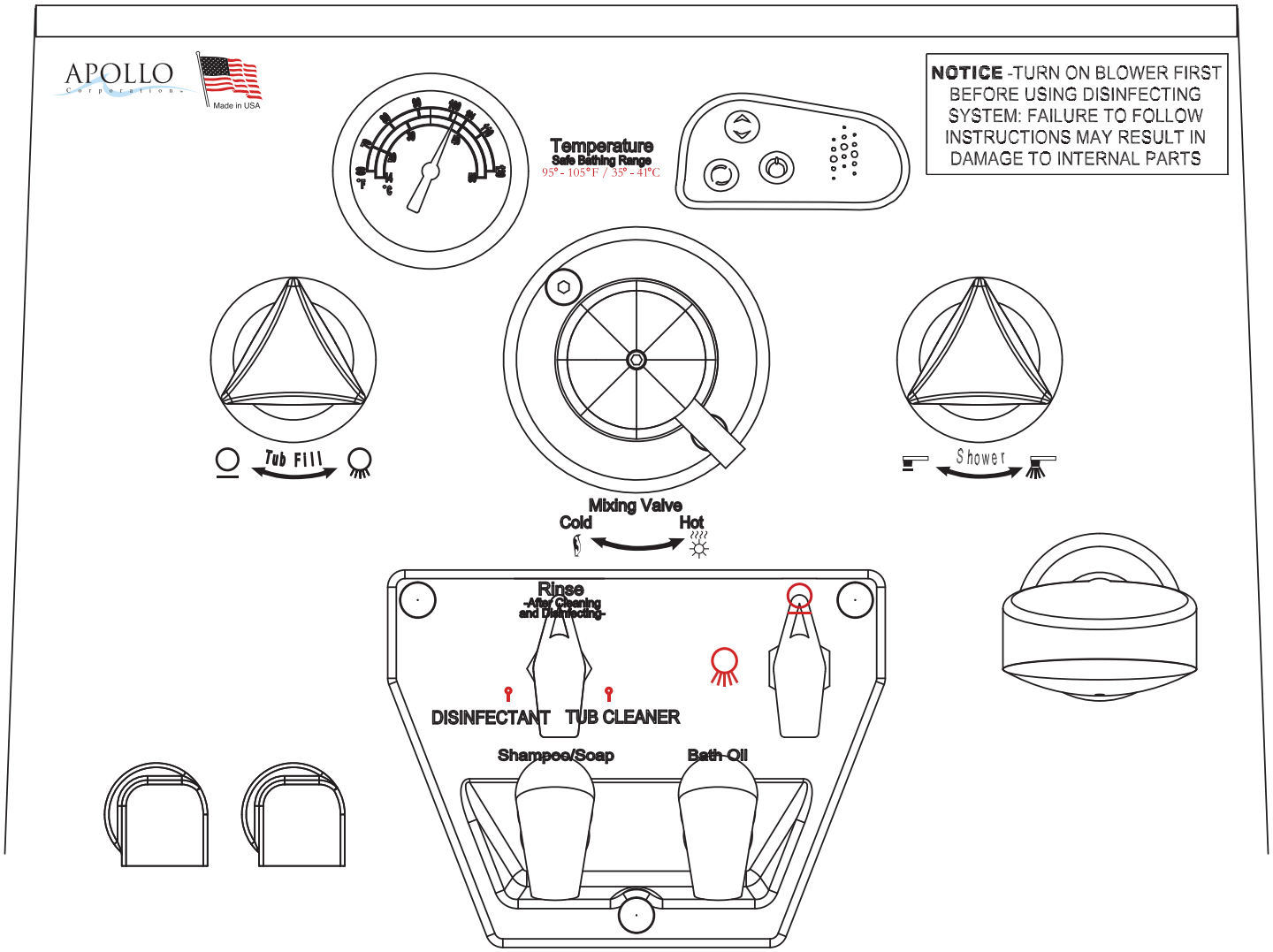
Whirlpool Operation

1. Push the Whirlpool button to start the whirlpool motor. **(Do not run the whirlpool motor longer than 30 seconds without water in the tub)**.
2. Push the Whirlpool button to stop the whirlpool motor.
3. Drain tub and check drain connections for leaks..



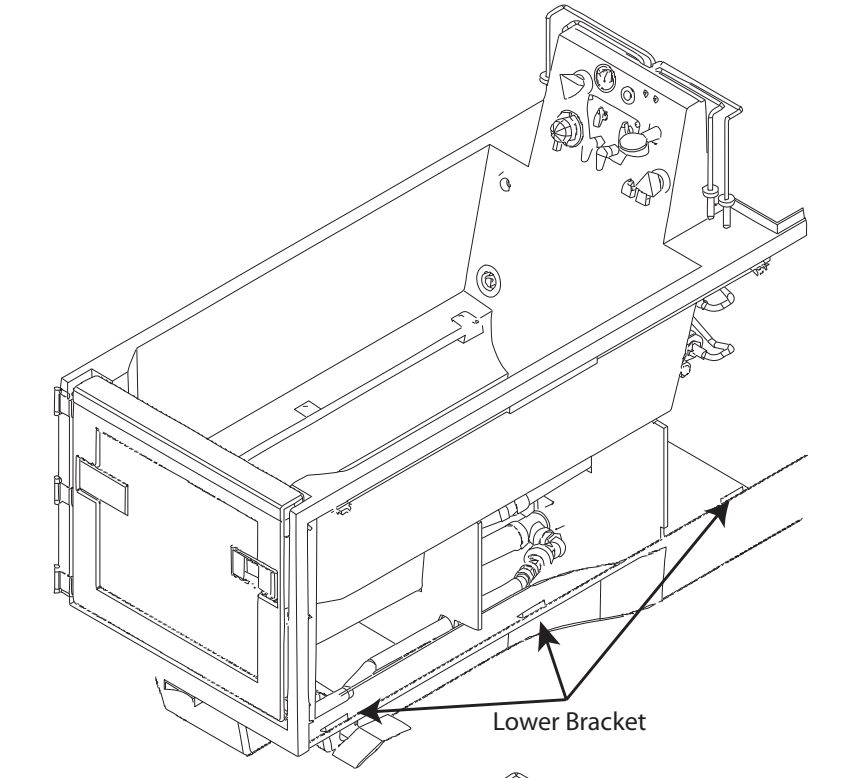
Air Spa Operation

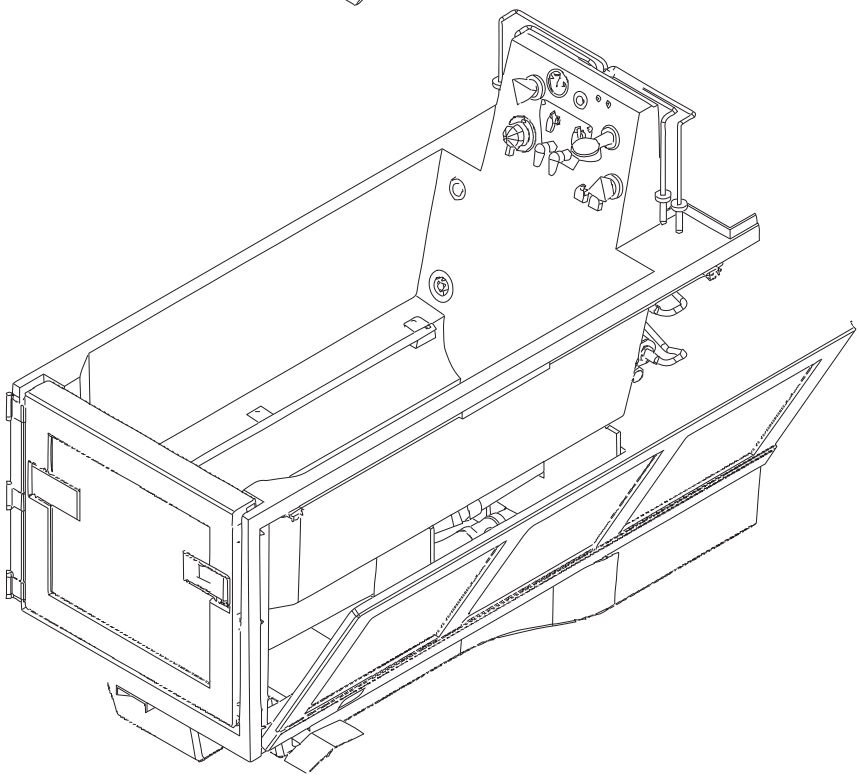
1. Push the on/off button to start the Blower.
2. Adjust the blower speed by pushing the +/- button.
3. Push the Pulse button to enter Pulse Mode 1. Push it again to enter Pulse Mode 2.
4. Push the on/off button to stop the Blower.
5. Drain tub and check drain connections for leaks.



Side Panel Installation

1. Set the bottom of the side panel in place within the lower brackets.
2. Push the top of the side panel in to secure it in place.





Caregiver In-Service Training and Technical Support

- Please contact Apollo Corporation at 877.234.2284, apollosales@apollobath.com, or techservice@apollobath.com, for Caregiver In-Service Training and Technical Support