

# INSTALLATION INSTRUCTIONS



## **AQUA MOMENT™**

**DROP-IN AIR BATH WITH WATERFALL**

**MODEL # D12015328**

**6' x 36" (1829 x 914 mm)**

*Thank you for selecting DXV. To ensure this product is installed properly, please read these instructions carefully before you begin. (Certain installations may require professional help.) Also be sure your installation conforms to local codes.*











**⚠ CAUTION: PRODUCT IS FRAGILE. TO AVOID BREAKAGE AND POSSIBLE INJURY, HANDLE WITH CARE!**

**ATTENTION INSTALLER:**  
**Please deliver this manual to homeowner.**

# IMPORTANT SAFETY INSTRUCTIONS

## READ AND FOLLOW ALL INSTRUCTIONS!

### SAVE THESE INSTRUCTIONS

-  **DANGER: *Risk of personal injury.*** Do not permit children to use this bathtub without adult supervision. Never drop or insert any object into any opening.
-  **WARNING: *Risk of electric shock.*** Do not permit electrical appliances (such as a hair dryer, lamp, telephone, radio, or television) within 1.5 M of this hydromassage bathtub.
-  **WARNING: *Risk of hyperthermia and possible drowning.*** People using medications and/or having adverse medical history should consult a physician before using a hydromassage bathtub equipped with heater.
-  **WARNING: *Risk of personal injury.*** Do not overfill bathtub before entering. Entering tub when filled more than 2/3 can cause overflow and slippery conditions. Exercise caution when entering and exiting.
-  **WARNING: *Risk of hyperthermia and possible drowning.*** Do not use a hydromassage bathtub equipped with a heater immediately following strenuous exercise.
-  **WARNING: *Risk of hyperthermia and possible drowning.*** Water temperature in excess of 38 C can be injurious to your health. Check and adjust water temperature before use.
- Prolonged immersion in water hotter than body temperature may induce hyperthermia. Hyperthermia occurs when the internal temperature of the body reaches a level several degrees above the normal body temperature of 98.6 F. The symptoms of hyperthermia include an increase in the internal temperature of the body, dizziness, lethargy, drowsiness and fainting. The effects of hyperthermia include:
- a) Failure to perceive heat
  - b) Failure to recognize the need to exit the hydromassage bathtub
  - c) Unawareness of impending hazard
  - d) Fetal damage in pregnant women
  - e) Physical inability to exit the hydromassage bathtub
  - f) Unconsciousness resulting in the danger of drowning
- WARNING** - The use of alcohol, drugs, or medication can greatly increase the risk of fatal hyperthermia
-  **WARNING: *Risk of accidental injury or drowning.*** Do not use drugs or alcohol before or during the use of a hydromassage bathtub equipped with heater to avoid unconsciousness and possible drowning.
-  **WARNING: *Risk of accidental injury or drowning.*** Do not use the hydromassage bathtub unless all suction guards are installed to prevent body and hair entrapment.
-  **WARNING: *Risk of fetal injury.*** Pregnant women should consult a physician before using a hydromassage bathtub equipped with heater.
-  **CAUTION: *Test the ground fault interrupter protecting this appliance periodically in accordance with the manufacturer's instructions.***

The unit must be connected only to a supply circuit that is properly protected by a ground-fault circuit-interrupter (GFCI). Such a GFCI should be provided by the installer and should be tested on a routine basis. To test the GFCI, push the test button. The GFCI should interrupt power. Push the reset button. Power should be restored. If the GFCI fails to operate in this manner, the GFCI is defective. If the GFCI interrupts power to the bathtub without the test button being pushed, a ground current is flowing, indicating the possibility of an electric shock. Do not use this air bath. Disconnect the air bath and have the problem corrected by a licensed electrician before using.

Use this unit only for its intended use as described in this manual.  
Do not use any attachments not recommended by DXV.

## GENERAL INSTALLATION INFORMATION

Carefully uncrate and inspect your new bath for any shipping damage. If such damage is found, report it to your vendor immediately. After inspection and during installation, protect the bath from construction damage. Before installing, the bath must be filled with water to check for leaks that may have resulted from shipping damage or mishandling! Fittings (bath filler, shower arm, etc.) are not provided with the bath and must be ordered separately. Framing and enclosing materials are provided by others. Follow test procedures carefully.

## ATTENTION INSTALLER!

### AIR BATHS ARE INTENDED FOR INDOOR USE ONLY.

If you have installation or warranty questions please do not return the unit to the place of purchase. Call 800-227-2734.







Always protect air bath from construction damage by using a protective cover. Damage, including chips and scratches incurred at the jobsite is excluded from warranty but may be repaired by qualified technician at the owner's expense. Do not stand in the air bath or store materials in the air bath during construction. Do not store air bath in temperatures below 32 degrees Fahrenheit.

Protect all finished surfaces of the air bath during construction and installation using a drop cloth.

## INSTALLATION AND FRAMING INSTRUCTIONS

Each bath arrives ready for installation, completely equipped with the pump/blower electronics and plumbing necessary for operation. A drain/overflow kit is included.

The variety of installations for this bath may require framing procedures other than those shown. Locate studs as required. Ensure roughing-in dimensions are proper, plumb, and square.

-  Remove the bath from the carton. Retain the shipping carton until satisfactory inspection of the product has been made. Do not lift the bath by the plumbing at any time; handle by the shell only.
-  All bath units are factory tested for proper operation and watertight connections prior to shipping. Prior to installation, the bath must be filled with water and operated to check for leaks that may have resulted from shipping damage or mishandling.
-  The sumps of these baths are supported by feet and no additional sump support is required. Once the bath is in place, the feet should be shimmed and secured accordingly so that the rim of the bath contacts the stringer or pier but supports no weight.
-  Provisions must be made in all installations for an access opening for servicing the bath pump/blower. Unless an access opening of at least 12" x 28" (305 x 711 mm) is provided, warranty service will not be performed. It is strongly recommended that an additional opening be provided for access to drain components.
-  Each bath has a nominal length (L), width (W), and Height (H) along with a rim height. Unless otherwise noted in the following rough-in references, assume that the nominal tolerances are as much as +/-1/4 inch (6 mm). Therefore, it is strongly recommended that the installer build the surrounding structure after receiving the actual bath. Structural measurements should be verified against the actual bath received to ensure proper fit.
-  **WARNING - SITTING OR STANDING ON THE WATERFALL IS STRICTLY PROHIBITED AS DOING SO MAY CAUSE THE WATERFALL TO BE DAMAGED**

### POST INSTALLATION CLEAN-UP

Remove all construction debris from bath. Tile grout can be removed with a wooden Popsicle stick or tongue depressor. Do not use wire brushes or any other metal implement on bath surface.

Post installation clean-up generally can be completed using warm water and liquid dishwashing detergent. Stubborn dirt or stains may be removed using granular Spic and Span® mixed with water.

Painter's naphtha can be used to remove excess adhesives and/or wet oil-base paint.

## RECOMMENDED TOOLS AND MATERIALS

Most of the procedures require the use of common tools and materials, which are available from hardware and plumbing supply stores. It is essential that the tools and materials be on hand before work is begun.

### TOOLS

- Level
- Tape Measure
- Pipe Wrench
- Slip Joint Pliers
- Screw Driver
- Standard Woodworking Tools
- Personal Safety Equipment
- Caulking Gun

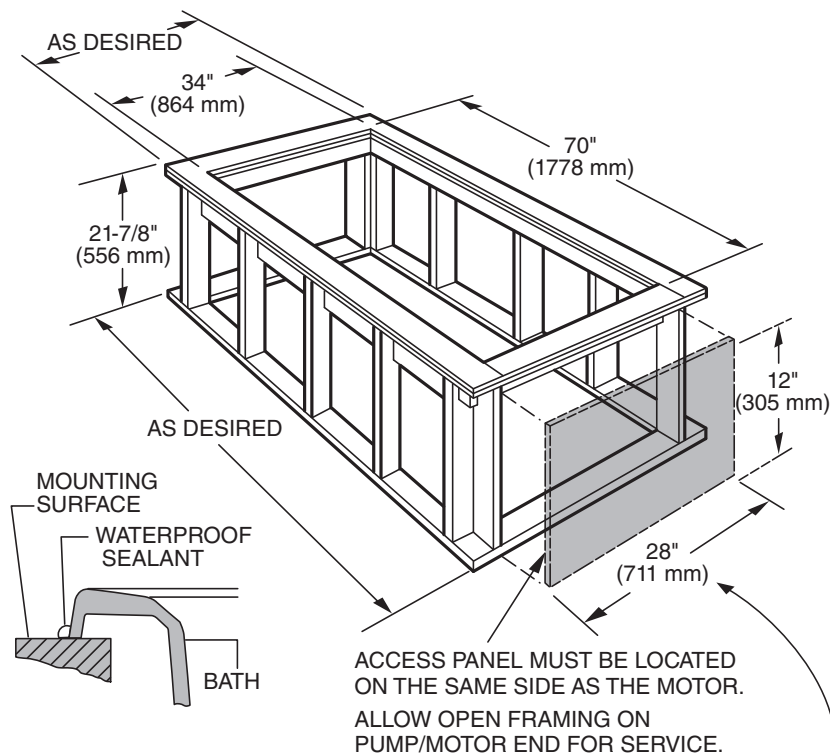
### SUPPLIES

- Drop Cloth
- Tub Adhesive
- Silicone Sealant

### REQUIRED COMPONENTS

- Overflow and Drain Trim Kit -D1583470.002 (included)
- Bath Filler (not Included)

## ROUGH-IN REFERENCE

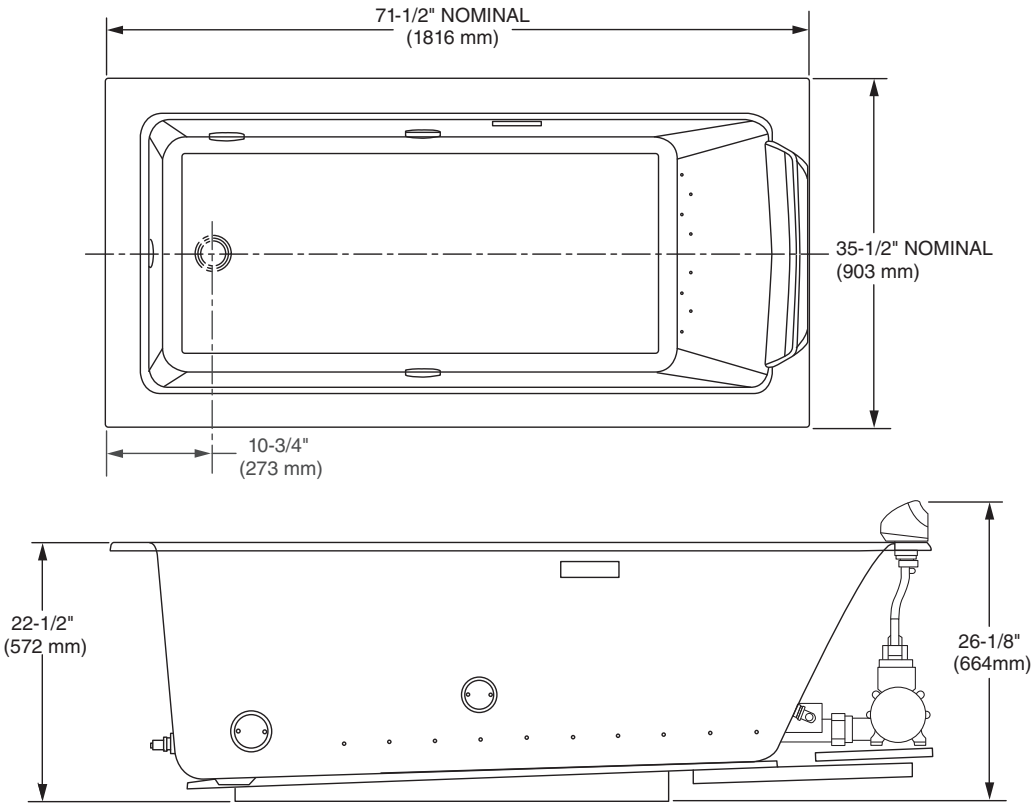


**UNLESS AN ACCESS OPENING OF AT LEAST 12" X 28" (305 X 711 mm) IS PROVIDED, WARRANTY SERVICE WILL NOT BE PERFORMED.**

GENERAL SPECIFICATIONS FOR 6' X 36" AQUA MOMENT DROP IN AIR BATH

Weight with Water / Floor Loading	Product Weight	Gallon to Overflow	Minimum Operating Volume
846 lb. (384 kg)/ 47 lb./sq.ft. (230 kg/sq.m)	105 lb. (231 kg.)	89 gal. (337 l.)	81 gal. (307 l.)

ROUGH-IN REFERENCE  
MODEL# D12015328



## ELECTRICAL INSTALLATION INSTRUCTIONS

All wiring must be performed by a licensed electrician in accordance with the national electrical code and all other applicable codes. Any other servicing should be performed by a qualified service representative.

**⚠ WARNING:** When using electrical products, basic precautions should always be observed, including the following:

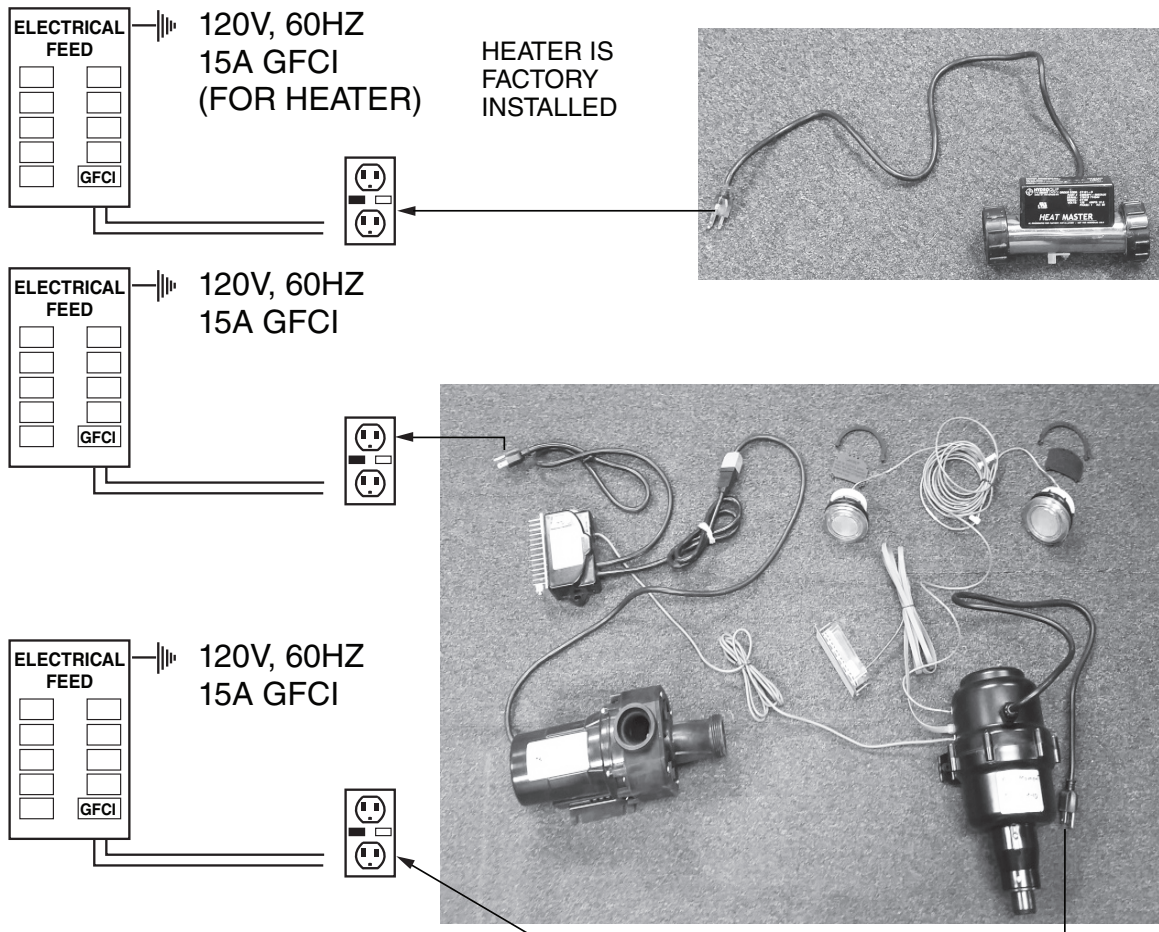
1. **DANGER: RISK OF ELECTRIC SHOCK!** Connect only to a circuit protected by a ground-fault circuit interrupter.
2. Grounding is required. The unit should be installed by a licensed electrician and grounded.
3. Permit access for servicing motor as noted.
4. All building materials and wiring should be routed away from the pump body and heater.

Install this unit in accordance with Canadian Electrical Code, Part 1.

Refer to the schematics below for the appropriate bath electrical installation. Dedicated 15A circuits with GFCI (Ground Fault Circuit Interrupter) protection are required.

At initial start-up with the power ON, push the GFCI test button. The reset button should pop out. Push this button in to reset. If the GFCI fails to operate in this manner, there is a ground fault or malfunction, indicating the possibility of electrical shock. Turn off the power and do not use until the source of the problem has been identified and corrected.

### USE THREE GFCI OUTLETS



## ELECTRICAL INSTALLATION INSTRUCTIONS *(continued)*

Ensure the heater is GROUNDED and BONDED as required. Attach a 8 AWG solid copper conductor from the heater to the home's electrical panel or approved local bonding point.

---

## WATERFALL HEATER OPERATION

**WARNING:** Prior to operation, review the Important Safety Instructions listed at the beginning of this instruction manual.

Once the waterfall pump is operating, the heater is totally automatic. The heater will help maintain the temperature of the water in the bath.

### VACUUM SWITCH

The heater is equipped with a preset vacuum switch. The pump must be running with water flowing thru the waterfall to allow the heater to turn on.

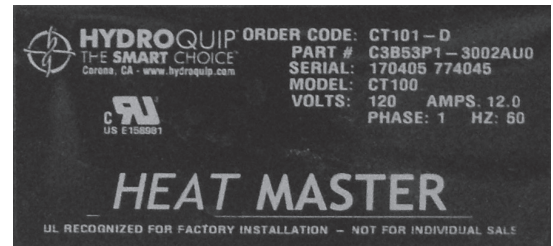
### INDICATOR LIGHT

This light turns on whenever the heater is operating.

### HIGH-LIMIT SWITCH

The heater includes an exclusive "Intelligent High-Limit". This safety circuit will not "false trip" from hot tap water. It will only turn the heater off if the thermostat fails. If the high-limit trips frequently, call a service technician. To manually reset the circuit in the event that the "High-Limit" switch has been activated, simply

1. Turn off the waterfall pump.
2. Drain water from the air bath.
3. Remove power from heater by unplugging at receptacle or turning off circuit breaker.
4. The heater circuit will automatically reset in less than 15 minutes.
5. Restore power to the heater.
6. Air bath is now ready to use.





## OPERATION: AQUA MOMENT WATERFALL AND AIR BATH

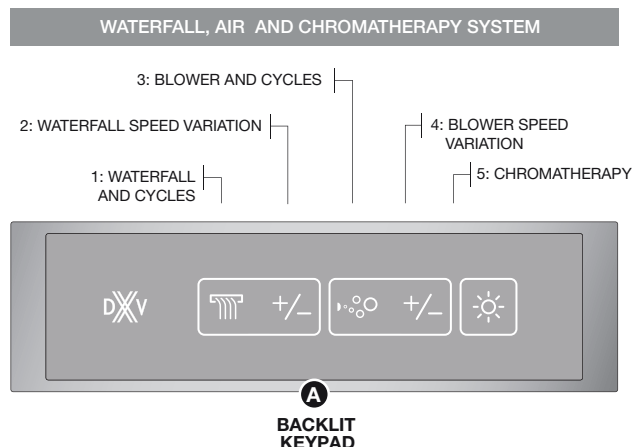
**WARNING - SITTING OR STANDING ON THE WATERFALL IS STRICTLY PROHIBITED AS DOING SO MAY CAUSE THE WATERFALL TO BE DAMAGED.**

### BATHING:

**IMPORTANT: DO NOT ADD BATH OILS OR SALTS as they will damage the waterfall pump and may harm the acrylic surface.**

- Close drain by rotating Drain Overflow Knob COUNTER-CLOCKWISE
- Fill bath with water at a comfortable bathing temperature

BACKLIT KEYPAD FUNCTIONS				LED
<b>1: WATERFALL AND CYCLES</b> 1st Press: The Waterfall starts at low speed 2nd Press: The Waterfall Stops  While the Pump is ON, if you press and hold 3 Sec: Wave Cycle: Speed goes gradually from maximum to minimum. *The light bar in the Waterfall will be activated and deactivated along with the Waterfall pump				ON OFF  BLINKS
<b>2: WATERFALL SPEED VARIATION</b> 1st Press: Press and hold to increase the waterfall speed, release pressure at the desired speed. 2nd Press: Press and hold to decrease the waterfall speed, release pressure at the desired speed				ON (when pressed)
<b>3: BLOWER AND CYCLES</b> 1st Press: Blower starts 2nd Press: Blower Stops  While the blower is ON, if you press and hold: 3 Sec: Wave Cycle: Speed goes gradually from maximum to minimum. 6 sec: Pulse Cycle: Speed goes rapidly from maximum to minimum.				ON OFF  BLINKS SLOWLY BLINKS RAPIDLY
<b>4: BLOWER SPEED VARIATION</b> 1st Press: Press and hold to increase the blower speed, release pressure at the desired speed. 2nd Press: Press and hold to decrease the blower speed, release pressure at the desired speed.				ON (when pressed)
<b>5: WATERFALL CHROMATHERAPY</b>				
1 <sup>st</sup> Press: Turn on the light in white	ON	8 <sup>th</sup> Press: Orange	ON	
2 <sup>nd</sup> Press: Rainbow cycle – Low speed	ON	9 <sup>th</sup> Press: Yellow	ON	
3 <sup>rd</sup> Press: Rainbow cycle – High speed	ON	10 <sup>th</sup> Press: Green	ON	
4 <sup>th</sup> Press: Turquoise	ON	11 <sup>th</sup> Press: Turn off the light	OFF	
5 <sup>th</sup> Press: Blue	ON	Press and hold 2 sec. at anytime to turn off the chromatherapy		
6 <sup>th</sup> Press: Magenta	ON			
7 <sup>th</sup> Press: Red	ON			





## **OPERATION: AQUA MOMENT WATERFALL AND AIR BATH** *(continued)*

### **EXITING THE BATH**

- Be sure to turn off the air blower before draining bath.
- Open drain by rotating drain knob clockwise.

### **DRYING CYCLE OPTIONS**

#### **STANDARD DRYING CYCLE**

An automatic drying cycle will start 20 minutes after the blower is turned off. The blower LED blinks while waiting for the purge cycle.

#### **24H PROGRAMMABLE DRYING CYCLE**

The system must be stopped prior to activation or deactivation.

Activation: Determine at which time you wish to purge to activate. At that precise time, press and hold the second button on the keypad for 5 seconds, all LEDs will flash twice. The purge cycle will now start at the programmed time every 24 hrs. In the event of a power failure, the program will be automatically deactivated.

Deactivation: Press and hold the second button on the keypad for 5 seconds, all LEDs will flash once to confirm deactivation.

Your DXV air bath is designed to give you many years of pleasure with reasonable care and maintenance. Your new acrylic air bath is tough, durable and easy to care for. The colors have been formulated to match other DXV fixtures and enhance your choice of bathroom decorations. The high gloss surface will retain its lasting luster with proper care and maintenance.

#### **CLEANING AND MAINTENANCE:**

- Always fill the air bath with temperate water. Excessively hot water (greater than 130° F) may cause surface damage.
- Remove bath mat after use and hang to dry. Allowing bath mat to dry in the air bath may cause surface damage.
- Clean after use with a mild liquid household detergent cleaner. Do not turn on jets when such cleaners are present.

**Do not use:** Lestoil® Cleaner; Lysol® Disinfectant (spray or concentrate); or Lysol® Basin, Tub and Tile Cleaner; Windex® Cleaner; Mr. Clean® Cleaner; Dow® Disinfectant Bathroom Cleaner\*; or other cleaning products in aerosol cans.

#### **HARSH CHEMICALS, SHARP AND ABRASIVE OBJECTS SHOULD NEVER BE USED ON ACRYLIC SURFACES**

- Do not use wire brushes, knives or sharp objects to remove stains or other surface blemishes.
- Use of abrasive cleaners or powders will dull the surface. If the glossy surface loses its sheen, dulled areas can be partially restored by rubbing with a white automotive body polishing compound and waxing with a liquid wax.  
**Do not wax surfaces where you walk or stand.**
- Do not allow nail polish remover, acetone, dry-cleaning fluid, paint remover, or other solvents to come into contact with the surface.
- Clean the surrounding surface immediately after using caustic drain cleaners.  
**Do not permit drain cleaner to enter circulation system.**
- Burning cigarettes will irreparably damage the surface of the air bath.

#### **CLEANING/PURGING THE CIRCULATION SYSTEM**

Once every month the circulating system must be purged and cleaned. Follow the steps outlined below:

1. Fill air bath with warm water and add two teaspoons of powdered automatic dishwasher (not laundry) detergent and one-half cup of household bleach to filled air bath.
2. Activate waterfall in accordance with operating instructions and run for two minutes.
3. Drain and refill air bath with cold water. Circulate for five minutes.
4. Drain air bath completely after step 3 (above) is completed.

For Troubleshooting and Repair Parts please log on to [www.americanstandard-us.com](http://www.americanstandard-us.com)

\* Lestoil® is a registered trademark of The Clorox Company.  
Lysol® is a registered trademark of The Linden Company.  
Windex® is a registered trademark of S.C. Johnson and Son, Inc.  
Mr. Clean® is a registered trademark of The Procter and Gamble Company.  
Dow® is a registered trademark of The Dow Chemical Company.

---

##### **In the United States:**

DXV  
One Centennial Avenue  
Piscataway, New Jersey 08855  
Attention: Director of Customer Care

For residents of the United States, warranty information may also be obtained by calling the following toll free number: (800) 227-2734  
[www.DXV.com](http://www.DXV.com)

##### **In Canada:**

DXV  
5900 Avebury Road  
Mississauga, Ontario  
L5R 3M3  
Canada

Toll Free: 1-800-387-0369  
Local: 905-306-1093  
Fax: 1-800-395-1498  
[www.DXV.ca](http://www.DXV.ca)

##### **In Mexico:**

DXV  
Via Morelos 330  
Col. Santa Clara Coatitla  
Ecatepec, Estado de México 55540

Toll Free: 01-800-8391200  
[www.DXV.mx](http://www.DXV.mx)