



# Installation Instructions

Americh welcomes you to our family of fine products. We know you will enjoy our craftsmanship, quality and luxury. Please pay special attention to the enclosed information. It will help insure the safety and longevity of your Americh bath products.

**INSTALLER:** To be removed for use by the occupant

# IMPORTANT SAFETY INSTRUCTIONS: pertaining to a risk of fire, electric shock, or injury to persons

Warning: Whirlpool bathtubs utilize acrylic and fiberglass materials (which are inherently slippery surfaces), electricity, water, air pressure and suction. The following basic safety precautions should always be followed when using your bathtub.

CAREFULLY **READ AND FOLLOW ALL INSTRUCTIONS** before attempting to operate your whirlpool or Airbath® Bathtub.

## 1. Prior to Installation:

- Remove protective plastic and packaging and carefully inspect for any damage.
- **Check tub for correct model name, size, color and trim finish.**
- The tub **MUST** be tested while pump, electrical systems, and piping (plumbing) are accessible.
- If there are any issues, do not install and report the issues immediately to our factory or the authorized dealer.

2. **WARNING:** To avoid injury, exercise caution when entering or exiting the bathtub.

3. **DANGER/WARNING:** To reduce the risk of injury, do not permit children or persons with a disability to use this unit unless they are closely supervised at all times. Risk of accidental injury or drowning. Children should not use hydromassage bathtub without adult supervision.

4. **WARNING:** Risk of accidental injury or drowning; Do not use hydromassage bathtub unless all suction guards are installed to prevent body and hair entrapment.

5. This product is for indoor use only. Use the bathtub only for its intended purpose as described in this manual and do not use attachments or accessories which are not recommended by manufacturer.

6. Never drop or insert any objects into any openings.

7. Persons with long hair should wear a bathing cap when using the bathtub.

8. **WARNING:** Risk of accidental injury or drowning; do not use drugs or alcohol before or during the use of a bathtub or hydromassage bathtub equipped with heater to avoid unconsciousness or possible drowning.

9. **WARNING:** Risk of Fetal Injury; pregnant or possibly pregnant women should consult a physician before using a hydromassage bathtub equipped with heater.

10. The bathtub must be connected to an electrical supply circuit that is protected by a ground fault circuit interrupter (GFCI) which is provided by the installer. The GFCI should be tested periodically to ensure that it is working properly.

11. Keep all appliances, such as radios and hair dryers, a safe distance from the bathtub.

12. For permanently connected units, green colored terminal (or a wire connector marked "G", "GR", "Ground", or "Grounding") is provided within the terminal compartment. To reduce the risk of electrical shock, connect this terminal or connector to the grounding terminal of your electrical service or supply panel with a conductor equivalent in size to the circuit conductors supplying this equipment.

13. Install in accordance with manufacturer's installation instructions. Failure to comply with all instructions, requirements and warnings contained in this manual creates a serious hazard to the bathtub user and may result in serious personal injury.

Warning: The causes, symptoms, and effects of hypothermia may be described as follows: Hypothermia occurs when the internal temperature of the body reaches a level several degrees above the normal body temperature of 98.6. The symptoms of hypothermia include an increase in the internal temperature of the body, dizziness, lethargy, drowsiness, and fainting. The effects of hypothermia include (1) failure to perceive heat, (2) failure to recognize the need to exit the spa or hot tub, (3) unawareness of impending hazard, (4) fetal damage to pregnant women, (5) physical inability to exit the spa or hot tub, and (6) unconsciousness resulting in the danger of drowning.

Warning: The use of alcohol, drugs, or medication can greatly increase the risk of fatal hypothermia.

## SAVE THESE INSTRUCTIONS

Americh baths are assembled complete and ready for installation.

Immediately upon receiving the bath and removal of packing, **INSPECT** the unit for freight damage. Any claims for damage, whether apparent or hidden, must be made to freight carrier immediately, in order for them to assume all associated costs. Should inspection reveal any defect in the **finish, DO NOT INSTALL THE BATH. Damage or defect to the finish claimed** after the bath is installed is excluded from the warranty. The warranty **DOES NOT** cover labor or materials to remove or re-install the bath.

### PRIOR TO INSTALLATION

Check to ensure that:

1. The installation will conform with all applicable Federal, State and Local Building Codes & Regulations;
2. The unit is the correct model, size and color;
3. There has been no shipping damage;
4. The "notice" or "warning" tags on the bathtub have been read and thoroughly understood;
5. The interior of the tub will be protected during installation;
6. Make sure sub floor is level.

### DURING INSTALLATION

Check to ensure that:

1. Bathtub is not hanging from the rim. Bath must be supported from the floor (See Figure 1, Page 3.)
2. Tubs with one system require an access panel with minimum dimensions of 16" height by 20" width at the motor end. Tubs with two or more systems will require multiple access panels (16"x20") or a larger panel depending on system configuration. Check with Americh for recommended access requirement.
3. The area within the access panel must have sufficient air movement for motors to function properly. The external area for the access panel should be free and clear. We recommend a minimum of 2' for technician(s) to properly service the unit.
4. All Bathtubs with seats must have additional support for each seat.
5. All building materials and wiring should be routed away from the pump body or other heat producing components of the unit.

### ELECTRICAL REQUIREMENTS

Manufacturer recommends a dedicated 20 amp circuit breaker for each power cord supplied on your whirlpool bathtub. **WARNING** - When using electrical products, basic precautions should always be followed, including the following:

1. **DANGER:** Risk of electric shock. Connect only to a supply circuit protected by a Class A ground-fault circuit-interrupter (GFCI). Test on a routine basis.
2. Grounding is required. The unit should be installed by a qualified service representative and grounded.
3. (For built-in and custom units) install to permit access for servicing.
4. Supply 110 Volt electrical outlet. This circuit must be protected by a ground fault circuit interrupter (GFCI.)
5. Plug supply cord(s) into electrical outlet.
6. To test the GFCI, do the following:
  - a. Push the test button;
  - b. Check to see that power has been interrupted;
  - c. Push the reset button;
  - d. Check to see that power has been restored.

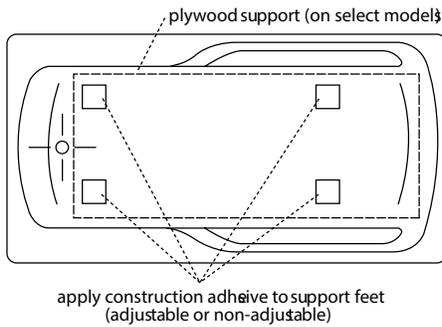
If the GFCI does not operate properly during the test, there is a ground current flowing indicating the risk of electric shock. Do not use this unit. Disconnect the unit and have the problem corrected by a qualified service representative before using.

Refer to Operating Instructions for system operations and wiring diagrams.

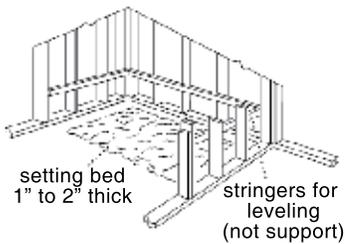
# Installation and Operator Instructions

Choose the installation option that applies to your particular installation and follow the instructions. Be sure to take any necessary precautions to keep tub protected during installation.

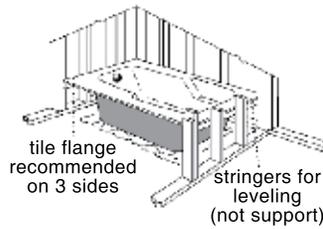
**figure 1**



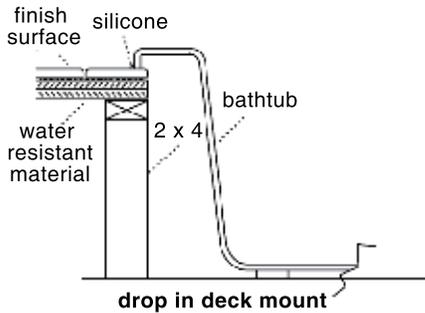
**figure 2**



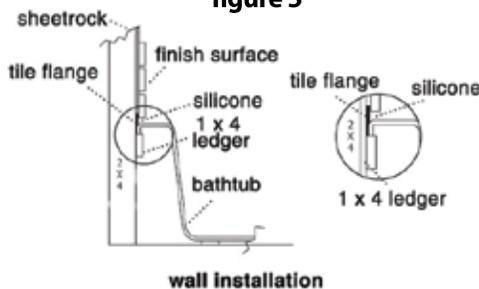
**figure 3**



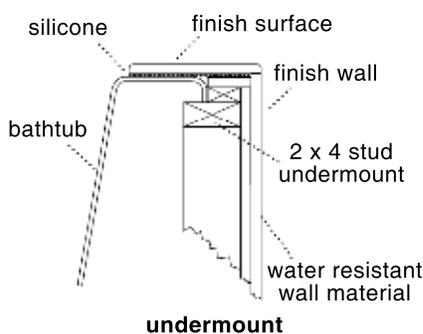
**figure 4**



**figure 5**



**figure 6**



## UNITS WITH SUPPORT FEET

(adjustable or non-adjustable)

1. If sub floor is not level, non-adjustable support feet may need shimming.
2. Tubs with adjustable support feet can be leveled by turning feet to level.
3. Apply a generous amount of construction adhesive to the bottom of the support feet. Set the bath in the desired location. (figure 1)
4. Verify that the bathtub is level in both directions and resting on all four feet.

## UNITS WITH PLYWOOD SUPPORT

1. If sub floor is not level, some shimming of the tub will be required.
2. Apply a generous amount of construction adhesive to the bottom of the plywood. Set the bath in the desired location. (figure 1)
3. Verify that the bathtub is level in both directions.

## UNITS WITHOUT SUPPORT FEET

1. Prepare tub setting bed using lightweight cement, plaster, gypsum or fix-all bed approximately 1" or 2" thick (figure 2).
2. Place the tub in the proper position using the floor, not the deck or rim, as the support, and set it in the bedding compound (figure 3).

## COMPLETE BATH INSTALLATION

Level the top of the bathtub in both directions, using a 4 ft. level, to ensure drainage. Bring the tile or finished surface to tub deck and then seal. Seal edges as shown (See Figures 4, 5 or 6.)

## CLEAN-UP AFTER INSTALLATION

When cleaning up after installation, do not use abrasive cleaners as they may scratch and dull the surface. Use warm water and a liquid non-abrasive detergent to clean the surface.

Stubborn stains, paint or tar can be removed with turpentine or paint thinner. Do not allow cleaners containing petroleum distillates to remain in contact with bath surface for long periods of time. Plaster can be removed by scraping with a wood edge. Do not use metal scrapers, wire brushes, or other metal tools.

## TESTING OPERATIONS

To check proper function of your newly installed Whirlpool/Airbath<sup>®</sup>, take the following steps:

1. Remove all debris and residue before filling the tub with water
2. Fill the tub with water until the highest whirlpool jet is covered by at least 2" of water (do not run pump without water in the tub.)
3. Examine tub and system carefully for leaks.
4. Position eyeballs downward (Whirlpool only).
5. Turn on system and allow tub to run approximately 2-3 minutes (Whirlpool only).
6. Allow water to sit for 10 minutes and check for leaks.
7. Repeat Step 5 to assure pump is priming properly.
8. Open drain and empty tub.
9. Wipe up excess water with a soft, damp sponge.

When cleaning up after installation do not use abrasive cleaners, steel wool, scouring pads or harsh chemicals. For cleaning procedures refer to the "Care and Maintenance" section.

## CARE AND MAINTENANCE

Soap residues and mineral deposits are the enemies of your bathtub, particularly in areas where there is hard water. However, cleaning your bathtub at regular intervals and using proper cleaning agents, you can help your bathtub retain its original sparkling look. **DO NOT USE** abrasive cleaners, as these products will damage the bathtub surface and metallic finishes. A non-abrasive cleaner is recommended.

Your bathtub does not require the use of special cleaning agents or chemicals.

Normal cleaning is simple and easy. Just use warm water, a soft sponge and mild liquid detergent or non-abrasive cleaner to wipe the surfaces clean, then rinse thoroughly.

To preserve the surface finish, annual waxing is recommended. Use a high-grade paste-type automotive wax.

Manufacturer recommends the use of Jet Fresh® or a similar system cleaning solution to maintain your whirlpool or Airbath® System.

## TECHNICAL SERVICE

For technical service or field service, you must:

1. Locate the product identification tag (located on bathtub near pump or overflow). This tag includes all pertinent information specific to your product, including the model, size, color, date of manufacture and ID number.
2. Write down all information and have it available when contacting the manufacturer.

The manufacturer maintains strict guidelines for field service and will require this information in order to facilitate your request and determine if a field service representative is required.

**Warning:** The unit does not contain any user serviceable parts. Any other servicing should be performed by a qualified licensed service agent.

## CONFIGURATION SHEET

Factory Installed:

Apron; Blower; Chromotherapy; Controls; Grab Bars; High Density Insulation; Inline Water Heater; Integral Waste & Overflow; Jets; Pump; Tile Flanges (Metal and Molded); Trim Kits.

Field Installed Options:

Apron; Blower; Controls; Inline Water Heater; Pump; Replacement Trim; Rubber Tile Flange; Waste & Overflow.

*See installation instructions provided with options that are field install.*

## Limited Warranty

Americh Corp. warrants that its bathtubs are free of defects in manufacture and materials so long as (1) the bathtub is installed and maintained according to Americh Corp. recommended installation and maintenance procedures, (2) use of the bathtub is limited to personal, family or household purposes and (3) any defects are not the result of unauthorized or unreasonable use.

This warranty applies only to the first consumer purchaser and is limited in time from the date of original purchase for a period of twenty (20) years with respect to the tub and twelve (12) months with respect to the electronics and accessories. This warranty does not apply to subsequent owners, transferees or users.

This warranty does not apply to or cover defects, damage or failure caused by the freight carrier, installer, user or other person, or resulting from, without limitation, any of the following: improper handling, modification of any type, improper installation, misuse, incorrect operation, lack of proper routine maintenance, the use of improper cleaners or abrasives, accidents or acts of God. Nor does it apply to effects of normal wear and tear.

Alteration, customization or modification of the tub, the water system, the electronics, any accessory or any other part voids this warranty.

If a defect or malfunction is discovered during normal residential use notify Americh Corp. in writing within ten (10) days of discovery, setting forth the date of discovery, a description of the defect or malfunction, the name and address of the installer of the bathtub, electronics and accessories and the date and address of installation and the type or style of the bathtub. Americh Corp., will, at its election, repair, replace or make appropriate adjustments. In all cases a reasonable time must be allowed for commencement and completion of warranty repairs.

Americh Corp. is not responsible for labor charges or other charges related to the removal or installation or other costs involved in repairing or replacing the bathtub or the expense of shipment to or from the factory, except where provided by applicable law.

To obtain information about or performance of warranty obligations contact Americh Corp. 13212 Satcoy Street, North Hollywood, CA 91605 or by calling (818) 982-1711 and asking for Customer Service.

No other company or person has any authority to make any warranties or representations concerning Americh Corp. or the product. Accordingly, Americh Corp. is not responsible for any such warranties or representations.

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AMERICH CORP. DISCLAIMS AND SHALL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.

SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION, IN WHOLE OR IN PART, OF WARRANTIES OR THE EXCLUSION OF SPECIAL, CONSEQUENTIAL OR INCIDENTAL DAMAGES. THEREFORE, THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT BE APPLICABLE TO YOU.

Always check [www.americh.com](http://www.americh.com) for the most updated installation instructions.

in compliance with

ANSI Z124.1 - 1995

ANSI A112.19.8 - 1987

ANSI A112.19.7 - 1987

