

# Owner's and Operator's Manual

**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 Air System 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

Bathtubs 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 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 5).
2. An access panel with minimum dimensions of 16” height by 20” width is required at the pump end of the bathtub to allow for pump accessibility in the event that maintenance or servicing is necessary. The area surrounding the pump must have sufficient air movement.
3. All Bathtubs with seats must have additional support for each seat.
4. All building materials and wiring should be routed away from the pump body or other heat producing components of the unit.
5. Bathtubs with Combination Whirlpool and Air System may require 2 access panels with minimum dimensions of 16” height by 20” width.

## 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 diagram

# Bathtub Installation

Keep the bathtub protected during installation. Choose the installation that applies to your bathtub:

Installation with support feet for both adjustable and non-adjustable:

- A. Some shimming of the bathtub will be needed if the sub floor is not level.
- B. To level the tub with the adjustable feet simply turn the nut of foot.
- C. To any type of foot, apply a generous amount of construction adhesive to the bottom of the foot.
- D. Set the bathtub into its location.
- E. Verify that the bathtub is level (See Figure1)

Installation without support feet:

- A. Using light weight cement, gypsum, or fix-all-bed, prepare a tub mortar bed approximately 1" or 2" thick (See Figure2).
- B. Using the floor of the tub as the support to move the tub (not the deck or rim), place the bathtub into the proper position and set it in the bedding compound (See Figure3).

Final Installation:

- A. Using a 4 foot level, verify that the top of the bathtub is level in both directions.
- B. Finish the tile or surface to the tub deck.
- C. Seal the edges (See Figures 4, 5, or 6)

## Clean-Up

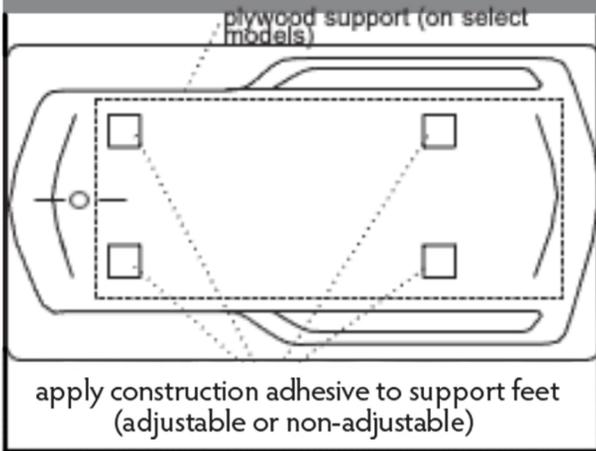
Do not use abrasive cleaners. They will scratch and dull the surface of the acrylic and metallic surfaces. Use warm water and a non-abrasive liquid detergent. Turpentine or paint thinner can be used to remove stubborn stains, paint, or tar. Remove cleaners containing petroleum distillates quickly. Do not use wirebrushes or other metal tools such as metal scrapers. Plaster can be removed by carefully scraping with a wood edge. A powder-type detergents may be used on a damp cloth if mild abrasive action is necessary to remove residual plaster.

## Technical Aid

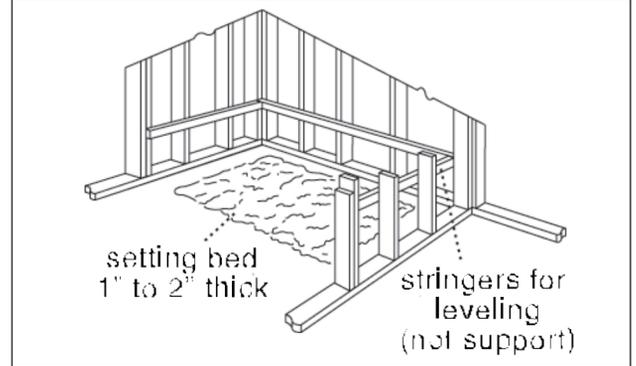
Before contacting the technical department for support or field service, you must have the Model Number, Size, Color, Identification Number and Date of Manufacture.

This information can be found on the product identification tag located near the pump or overflow. The manufacturer will require this information in order to provide technical assistance and field service.

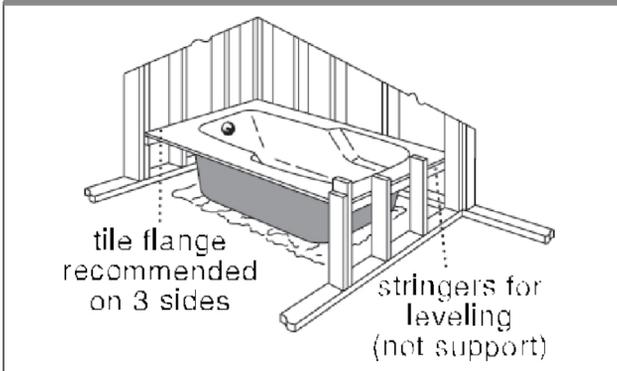
# Figure 1



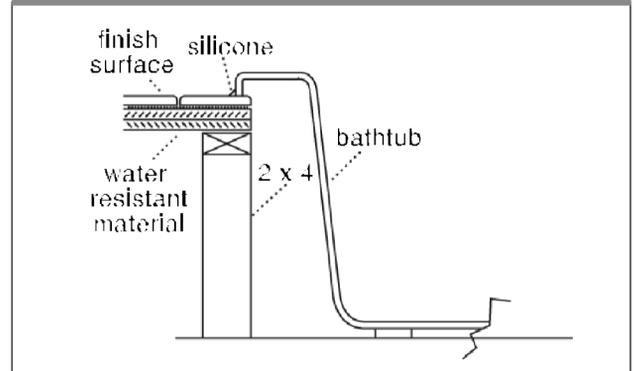
# Figure 2



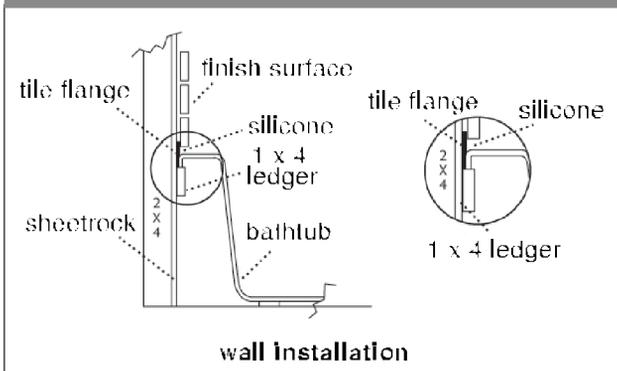
# Figure 3



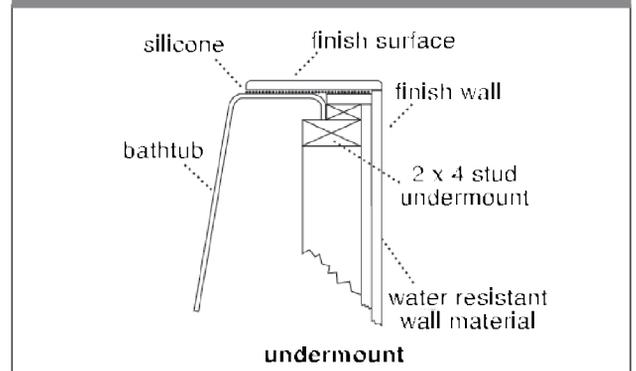
# Figure 4



# Figure 5



# Figure 6



# Testing System Operation

**TO CHECK PROPER FUNCTION OF YOUR NEWLY INSTALLED Whirlpool / Air System, 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 three times 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

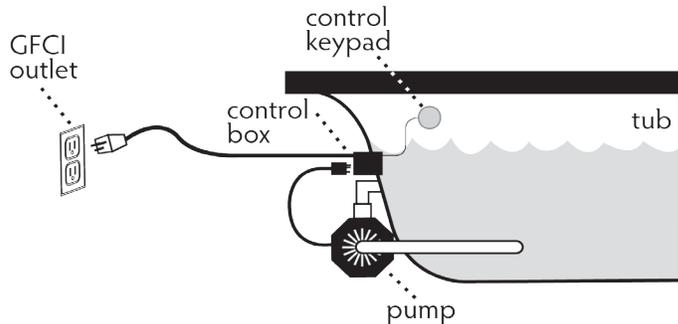
Soap residues and mineral deposits are the enemies of your bathtub, particularly in areas where there is hard water. However, cleaning your bathtub at regular intervals and using proper cleaning agents, you can help your bathtub retain its original sparkling look. **DO NOT USE** abrasive cleaners, as 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 a system/piping cleaner to maintain your whirlpool or Air System.

# Operating Instructions

## Whirlpool

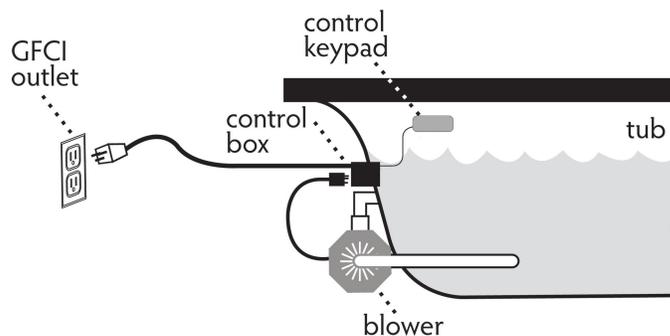


The Whirlpool is equipped with an ON/OFF Button (fill tub until the highest jet is covered by at least 2" of water. Do not run pump without water in the tub.)

1. Press the Button to start the pump.
2. Press a second time to stop the pump. The Control Box is manufactured with a 20 minute timer that will turn off the unit automatically. To continue your bath, simply push the Button to repeat cycle.

**Note:** Tub equipped with built in water level sensor, please make sure to fill the tub with water until the water level sensor stud is covered. Now you can press the Button to start the pump.

## Air System



The Air System is equipped with an ON/OFF Button (fill tub until the highest jet is covered by at least 2" of water. Do not run Blower without water in the tub.)

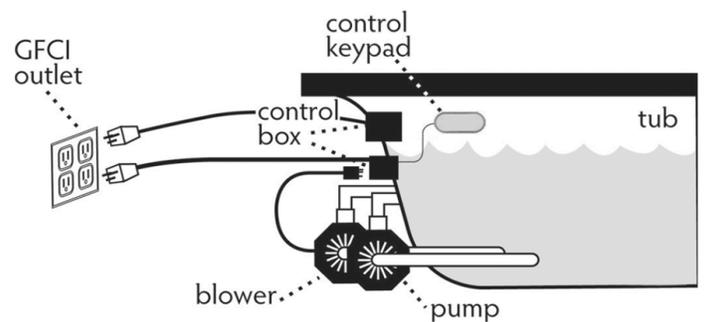
1. Press ON/OFF key once to start the Blower in Constant mode. Press a second time to turn the motor off. A built-in timer shuts motor off after 20 minutes, unless manually turned off first.
2. Successive presses of Pulse/Wave Mode key while Blower is on changes its mode from Constant mode to Wave Mode and back to Constant mode. Constant mode: The Blower is on without variation of speed. Wave mode: Blower speed varies from High to Low and vice versa.
3. Press and hold the Up Arrow key while Blower runs in Constant mode to increase its speed.
4. Press and hold the Down Arrow key while Blower runs in Constant mode to decrease its speed.

# Operating Instructions

**Water Level Sensor:** The system will turn OFF if the water level falls below the water level sensor while pump is on. If water falls below water level sensor while blower is on, an automatic purge will initiate in thirty minutes to dry the air channels.

**Automatic Purge:** Thirty minutes after the water falls below the water level sensor the blower will start again for a one-minute purge cycle allowing piping to thoroughly dry.

## Combination



### Blower ON/OFF:

1<sup>st</sup> Press: The Blower starts at 50%.  
2<sup>nd</sup> Press: The Blower stops.

### Blower Speed:

1<sup>st</sup> Press: Press and hold to increase the blower speed, release pressure at the desired speed.

### Blower Pulse/Wave:

1<sup>st</sup> Press: Wave-Speed will vary gradually from maximum to minimum.  
2<sup>nd</sup> Press: Pulse-Speed will go directly to minimum and then straight back to maximum.  
3<sup>rd</sup> Press: Returns to maximum speed.

### Pump ON/OFF:

Press ON Button: The Pump turns ON.  
Press OFF Button: The Pump turns OFF.

**Water Level Sensor:** The system will turn OFF if the water level falls below the water level sensor while pump is on. If water falls below water level sensor while blower is on, an automatic purge will initiate in thirty minutes to dry the air channels.

**Automatic Purge:** Thirty minutes after the water falls below the water level sensor the blower will start again for a one-minute purge cycle allowing piping to thoroughly dry.

# Operating Instructions

Each system will automatically stop after 20 minutes.

**\*\*Note:** Blower hose for Air Systems is shipped loose:

1. Remove red caps from Blower and check valve.
2. Attached grey hose to Blower and check valve.
3. Tighten clamp around each end.

## Technical Service

For technical service or field service, you must:

1. Locate the product identification tag (located on the bathtub near pump or overflow). This tag includes all pertinent information specific to your product, including model, size, color, date of manufacture and ID number.

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

## Limited Warranty

*Our bathtubs are covered by a limited warranty to the first consumer purchaser for a period of 60 months as to the tub and 12 months as to the electronics and accessories, from date of original purchase against defect in manufacture, provided its use is limited to personal, family, or household purposes, it is installed and maintained according to our recommended installation and maintenance procedures, and the defects are not caused by unauthorized and unreasonable use. This warranty does not 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 or lack of proper routine maintenance (including abrasive or improper cleaners.)*

*This warranty does not extend to subsequent owners, transferee's or users. It is limited to repair or replacement of the defect without charge at the factory. It does not cover the expense of shipment to or from the factory, except where provided by applicable law.*

*Upon discovery of a defect or malfunction, notify Manufacturer in writing within 10 days of discovery, setting forth a description of the malfunction or defect, the name and address of installer, and date and address of installation.*

*To obtain information about or performance of warranty obligation, please contact the Manufacturer. We assume no liability for incidental or consequential damages.*

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

**in compliance with**

ANSI. Z124.1 – 1995  
ANSI A112.19.7 – 1987  
ANSI A112.19.8 - 1987  
ASTM F468 - 79 (85)  
City of Los Angeles M980036 and M820132

**listed by**

