



**GENERAL
MANUAL**

**BATHTUB
INSTALLATION GUIDE**

SHERLIC INC.

USER GUIDE

IMPORTANT SAFETY INSTRUCTIONS

- ◆ Read and follow all the instructions.
- ◆ Keep these instructions.

a) Warning. Risk of injury and drowning. Do not let a child use the whirlpool bath tub without an adult present.

b) Warning. Risk of injury and drowning. To avoid entanglement of limbs or hair, do not use the whirlpool bath tub if the suction fittings and drains are not provided with a grill.

c) Warning. To avoid injuries, use care when getting in and out of the whirlpool bath tub.

d) Warning. Risk of injury and drowning. Do not take medications or use alcohol when using a heated whirlpool bath tub or before getting in so as to avoid fainting and risk of drowning.

e) Warning. Danger for the foetus. Pregnant women, whether or not their pregnancy is confirmed, should consult with a physician before using a heated whirlpool bath tub.

f) Warning. Risk of hyperthermia and drowning. Do not use a heated whirlpool bath tub after intense exercise.

g) Warning. Risk of electric shock. Do not place electrical appliances (light, telephone, radio, television, etc.) closer than 1.5 m from this whirlpool bath tub.

h) Attention. Check the ground-fault circuit breaker regularly according to the manufacturer's instructions.

i) Warning. Risk of hyperthermia and drowning. Water temperature higher than 38°C can present a health risk. Verify and adjust the temperature of the water before using the whirlpool bath tub.

j) Warning. Risk of hyperthermia. Persons who take medications or who have health problems should consult a physician before using a heated whirlpool bath tub.

FOR BATHTUB WITH SYSTEM

- a) Use indoors only.
- b) Install according to the manufacturer's installation instructions.
- c) Use supply wire rated 90°C (14 AWG).
- d) Connect only to a tap protected by a Class A ground-fault circuit breaker.
- e) Connect to a tap protected by a device which protects against over-currents greater than 15A.
- f) Ground terminals.
- g) Use only copper conductors.
- h) **Attention.** Risk of electric shock. Disconnect the electrical supply before performing maintenance.
- i) **Attention.** Risk of electric shock. Device connected to several supply sources. Disconnect all the electrical supplies before maintenance.
- j) **Attention.** In order not to compromise the protection against electric shock and fire, replace only with a fuse of the same type, 15 A and 120 V.
- k) **Attention.** The continuity of the exposed conductive parts of this component depend on the fasteners. Use identical replacement parts and fasteners so as not to compromise the safety where electricity is concerned.

**KEEP THIS SAFETY ADVICE
CAREFULLY**

SHERLIC GUARANTEE

Manufacturer of acrylic whirlpool bath tubs

The acrylic shell is guaranteed against all defects of materials and manufacturing for a period of twenty (20) years from the date of purchase. The system of hydro-massage as well as the therapeutic system are guaranteed for a period of five (5) years from the date of purchase. The shower doors are guaranteed against all manufacturing defect for a period of ten (10) years from the date of purchase.

In the event that the present guarantee is applied, the product will be replaced or repaired at Sherlic Inc.'s option. All first claims must be made at the original point of sale, who will contact Sherlic Inc.

Exceptions:

The guarantee does not apply to poor operation, breakage or damages resulting from the following causes: soaking or use of a bath mat for a long duration, fault, negligence, abuse, incorrect use, alteration or modification of the product by the user, as well as chemical or natural corrosion, fire or any other fortuitous event or force majeure.

The guarantee does not apply to products which have not been installed and connected according to the manufacturer's instructions and in accordance with the regulations, codes and laws in effect which govern such work. In addition, it does not apply if the plumbing accessories are not chosen, installed and connected in accordance with the instructions of the manufacturer and with the regulations, codes and laws in effect.

Upkeep and installation guide

Sherlic Inc. bathtubs have a high-quality finish; nevertheless, they must be protected during maintenance. The very lustrous surface resists shocks and, with good care and maintenance, will preserve its lustre.

**DO NOT USE ABRASIVE CLEANERS,
METALLIC SCRAPERS OR OTHER THINGS
WHICH COULD SCRATCH OR FLATTEN THE SURFACES**

- ◆ When accepting delivery, make sure that the product is not damaged.
- ◆ Bring the product into the room before beginning the work. Unpack the sectional parts as needed.
- ◆ If there is a plastic film protecting your bath/shower, do not remove it until the last minute.

Tools for installation

IMPORTANT

The new owner of the Sherlic product should inspect it for any damage caused during transport and check to see if there are any missing pieces. Carefully indicate any irregularities on the receiving slip.

In the event that the inspection shows that there is damage to the product, **do not install it before it is verified by a representative of the Sherlic Inc. company.**

Communicate with the dealer of the product purchased. He will take care of contacting the Sherlic Inc. company.

NECESSARY TOOLS AND PARTS TO PROVIDE

Niveau de 24 po



Equerre de 24 po



Fusil à calfeutrer



Crayon



Emporte-pièce



Mèche 1/16 à 1/8 po



Perceuse



Fraise 82°



Vis



Tournevis



Ruban à mesurer



SKIRT INSTALLATION

- ◆ See the SKIRT section

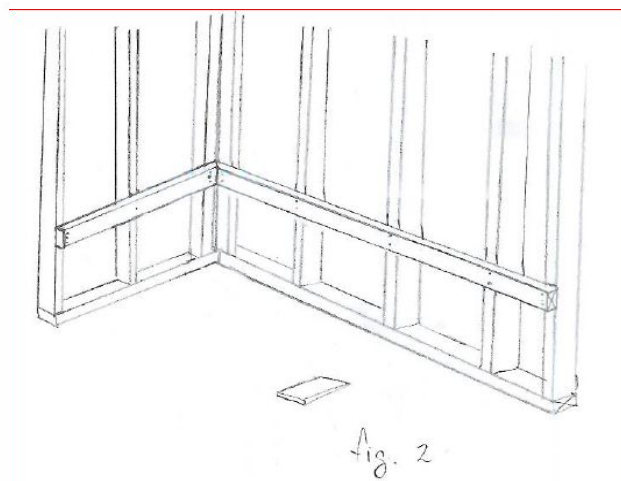
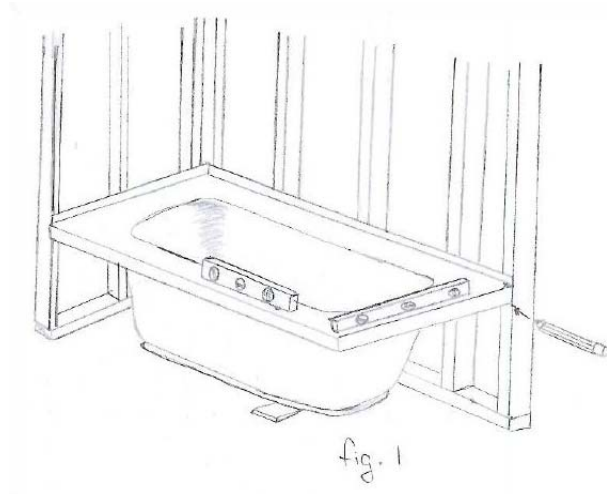
PARTS TO PROVIDE

- ◆ Wood shingles
- ◆ Silicone

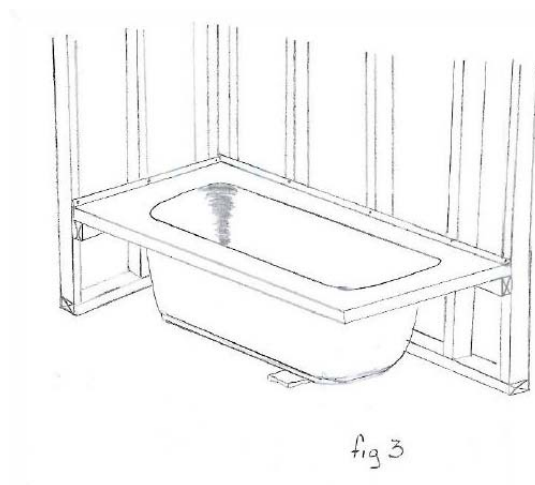
Niveau de 24 po	24-inch level
Equerre de 24 po	24-inch square
Fusil à calfeutrer	Caulking gun
Crayon	Pencil
Emporte-pièce	Hole saw
Mèche 1/16 à 1/8 po	1/16 to 1/8 drill bit
Perceuse	Drill
Fraise 82°	82° Countersink
Vis	Screw
Tournevis	Screwdriver
Ruban à mesurer	Measuring tape

Guide to installing bathtub between 2 or 3 walls (with tile flange)

- ◆ put the bathtub in place
- ◆ level the bathtub
- ◆ mark the wall framing system at the appropriate place (see figure 2)
- ◆ glue the wood shingles to prevent the bathtub from moving out of position
- ◆ Install a 2" x 3" board under the marks on the framing. This will serve as a support for the rim of the bathtub (if your bathtub has an apron, provide a clearance of about 2 inches from the face of the bathtub).



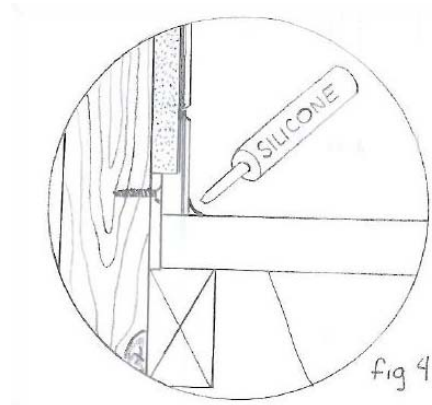
- ◆ put the bathtub back in place
- ◆ drill holes in the tiling flange using the drill and the 3/16" drill bit opposite the framing
- ◆ countersink the holes to allow the head of the screw to enter completely and to be well-hidden



Skirt

SEE THE SHERLIC INSTALLATION GUIDE FOR APRON.

Finishing of the product when the bath is between 2 or 3 walls



The installation of the plumbing must be done according to the building code. A qualified plumber will be able to install the plumbing on your acrylic bathtub.

Drain and overflow

For more amenities, we recommend the installation of a 20-inch propylene automatic drain. This equipment is perfectly adapted to all the Sherlic bathtubs.

Drilling the acrylic for the installation of the faucets if placed on the bathtub

The drilling of the acrylic is the most delicate part of the installation. It is thus necessary to be sure to determine the placement of the plumbing as precisely as possible.

It is strongly advised to pre-drill, using a 1/16" or 1/8" drill bit. This will ensure proper centering when the bit of the hole saw is in contact with the acrylic.

Always use well-sharpened bits or hole saws to avoid scratching the surface of your bathtub or overheating it.

IMPORTANT

- ◆ Make sure to spread a blanket in the bathtub before installation. If the bathtub is covered with a plastic film, leave it in place during installation.
- ◆ Always check under the rim of the bathtub before drilling to make sure you do not drill into a section where there are air pipes or electrical components.
- ◆ To avoid cracking the acrylic of the bathtub, drill the holes a little larger (maximum 1/16") than the faucet parts to be inserted.
- ◆ When installing the faucets on the bathtub, make sure not to over tighten the locking nuts, so as to avoid damage to the acrylic.
- ◆ This damage caused to the bathtub is not covered by our guarantee.
- ◆ Do not force the drill, but rather let the tool do the work. A medium speed is appropriate for this kind of task.

TEST OF WATER TIGHTNESS

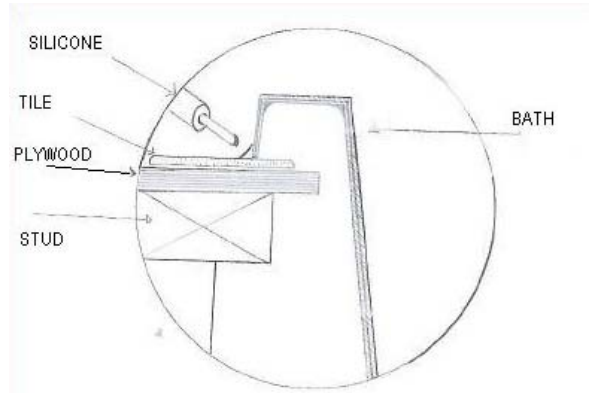
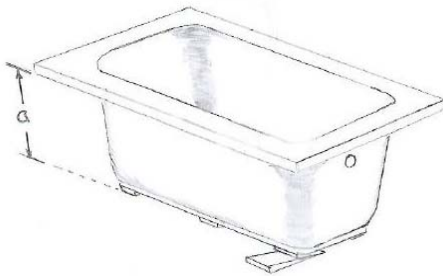
To verify the installation and the water tightness of the plumbing and of the bathtub, fill it up to the overflow. Let it drain about 30 minutes before beginning the verification of the plumbing joints and make sure that there is no leak in the bathtub. **Sherlic will not be responsible for damage caused by defective installation (see GUARANTEE section).**

Installation of drop-in bathtubs

IMPORTANT

- ◆ The bathtub should not be supported by the rim; its weight should rest entirely on the base.
- ◆ The bathtub must be installed on the level to permit good draining of the water.

Installation



- ◆ Prepare the installation site in order to carry out the connections for the plumbing, the blower, and, if necessary, the electrical connection.
- ◆ Build a level structure of wood (2" x 3"). Make sure to provide adequate space for the plywood and the wall covering (ceramic, marble or other).
- ◆ Attach the plywood to the surfaces (sides and top) of the structure with screws.
- ◆ Leave at least ½" clearance inside the plywood of the structure to allow the bathtub to be lowered inside.
- ◆ Insert the bathtub in the opening to ensure that the spacing is correct and to level the bathtub.
- ◆ Remove the bathtub from the opening and apply the selected covering material (ceramic, marble or other) to the structure.
- ◆ Put the bathtub back into the opening and connect the plumbing and the blower, if necessary.

Installation of a bathtub with air massage system

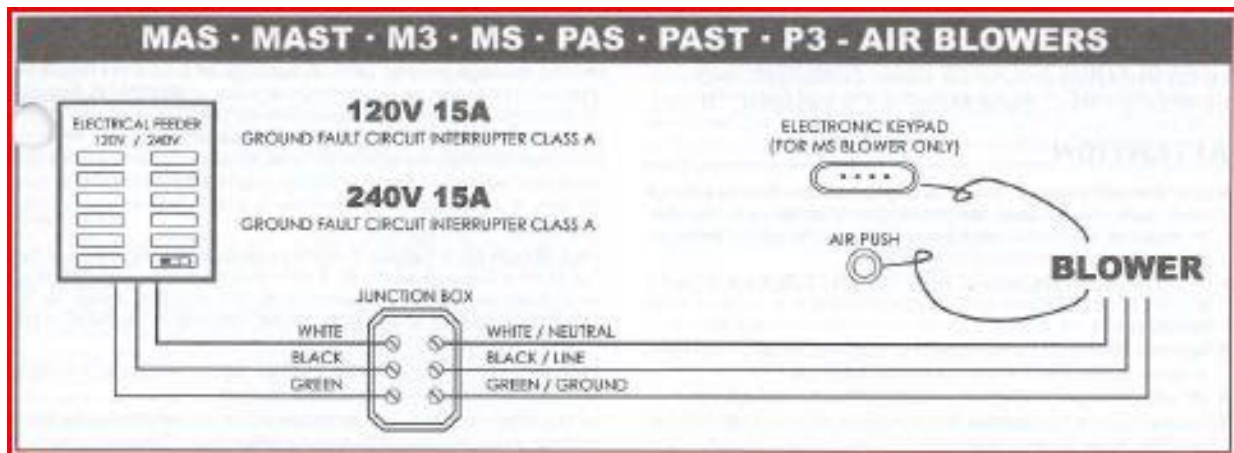
ATTENTION

- ◆ Read these instructions and directions carefully. If they are not followed, operational errors may result. Attention! Poor functioning can cause bodily injury or property damage.
- ◆ Refer to your electrical code as well as to your safety code and local plumbing code. The installation must conform to these directions.
- ◆ No modifications, additions or deletions must be made to the blower without the approval of the manufacturer.
- ◆ Make sure to install a class "A" ground-fault circuit breaker in the circuit.
- ◆ The electrical installation must be permanent and must be done and approved by a qualified electrician. Never use electrical extension cords.
- ◆ The blower has no repairable parts.
- ◆ Never handle your air-massage bathtub by the pipes.
- ◆ Be careful with the jets at the back of the bathtub so as not to catch them on something when bringing the bathtub into the bathroom.

Installation

- ◆ When accepting delivery of your bathtub with air massage system, a cardboard box containing the blower and the cable or flexible pipe of your control will come with it.
- ◆ Determine the placement of your blower. It must be placed inside the podium or in another room close by; 6- and 9-foot extensions are available.
- ◆ Fasten the blower in the desired location.
- ◆ Connect the flexible pipe to the blower.
- ◆ Connect the blower wire to the keyboard for electric models. For pneumatic models, connect the small flexible pipe of the blower to the pneumatic control.
- ◆ The electrical connection is subject to approval of the local authorities. Call on the services of a qualified electrician to connect the installation to the power supply.
- ◆ Before beginning the installation, make sure you have turned off the electrical current.

- ◆ The connection of the blower has already been done in the factory, so it is not necessary to disassemble it.
- ◆ See the diagram below for the connection



Installation of a bathtub with a whirlpool system

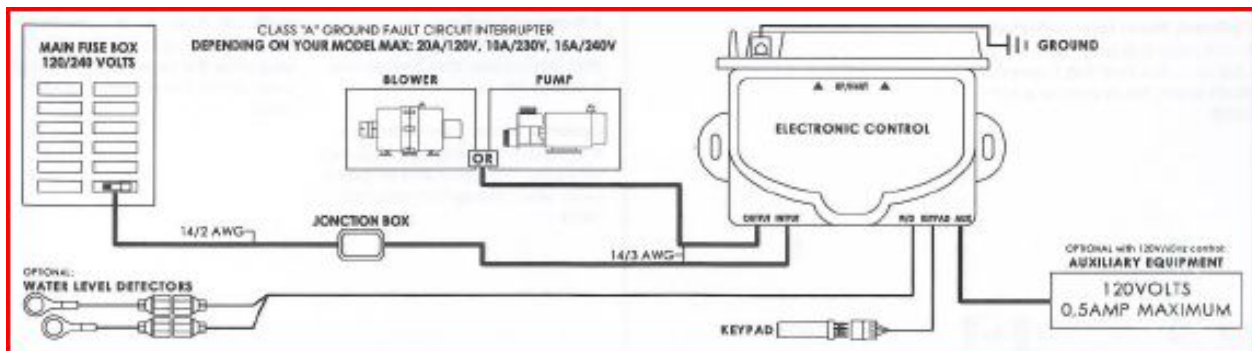
ATTENTION

- ◆ Read these instructions and directives carefully. If they are not followed, operational errors may result. Attention! Poor functioning can cause bodily injury or property damage.
- ◆ Refer to your electrical code as well as to your safety code and local plumbing code. The installation must conform to these directives.
- ◆ No modifications, additions or deletions must be made to the pump without the approval of the manufacturer.
- ◆ Make sure to have a class "A" ground-fault circuit breaker installed in the circuit.
- ◆ The electrical installation must be permanent and must be done and approved by a qualified electrician. Never use electrical extension cords.
- ◆ Never handle your whirlpool bathtub by the pipes.
- ◆ Be careful with the jets at the back of the bathtub so as not to catch them on something when bringing the bathtub into the bathroom.

Installation

The electrical connection of the whirlpool pump must be done according to the diagram below.

A junction box which is sealed against humidity has been placed on the side of the bathtub to allow you to make the connection of the electronic control to the electrical power supply. All the other components have already been connected at the factory.



Installation of a bathtub with a dual combination system

ATTENTION

- ◆ Read these instructions and directions carefully. If they are not followed, operational errors may result. Attention! Poor functioning can cause bodily injury or property damage.
- ◆ Refer to your electrical code as well as to your safety code and local plumbing code. The installation must conform to these directions.
- ◆ No modifications, additions or deletions must be made to the blower or the pump without the approval of the manufacturer.
- ◆ Make sure to have a class "A" ground-fault circuit breaker installed in the circuit.
- ◆ The electrical installation must be permanent and must be done and approved by a qualified electrician. Never use electrical extension cords.
- ◆ The blower has no repairable parts.
- ◆ Never handle your air-massage bathtub by the pipes.
- ◆ Be careful with the jets at the back of the bathtub so as not to catch them on something when bringing the bathtub into the bathroom.

Installation

- ◆ When accepting delivery of your bathtub with dual combination massage system, a cardboard box containing the blower and the cable or flexible pipe of your control will come with it.
- ◆ Determine the placement of your blower. It must be placed inside the podium or in another room close by; 6- and 9-foot extensions are available.
- ◆ Fasten the blower in the desired location.
- ◆ Connect the flexible pipe to the blower.
- ◆ Connect the blower wire to the keyboard.
- ◆ Connect the wire coming from the TMS control box located on the side of the bathtub to the blower (see diagram below).
- ◆ The electrical connection is subject to approval of the local authorities. Call on the services of a qualified electrician to connect the installation to the power supply.
- ◆ Before beginning the installation, make sure you have turned off the electrical current.

INSTRUCTIONS FOR USE

Injectair Econo System

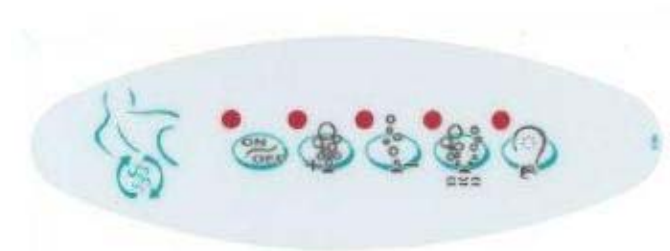
Press firmly on the push button of the pneumatic control to start the blower.

Press a second time to reduce the speed of the blower.

Press a third time to reduce the speed to minimum.

Press a fourth time to stop the blower.

Injectair Plus System



ON/OFF Switch

Press once, the blower starts. Press again, the blower stops.

Button to increase the speed of the blower

Press and hold to increase the speed of the blower. Release when desired speed is attained.

Button to reduce the speed of the blower

Press and hold to reduce the speed of the blower. Release when desired speed is attained.

Button for pulsation cycle

Press once, Wave, the speed varies gradually from maximum to minimum

Press a second time, Pulsation, the speed goes directly from minimum to maximum in an alternating fashion.

Press a third time, return to maximum speed.

Button for the light (Optional)

Mood lighting

Press once, the light turns on.

Press again, the light turns off.

Whirlpool system ON/OFF



ON Button

Press the button to start

OFF Button

Press the OFF button to stop

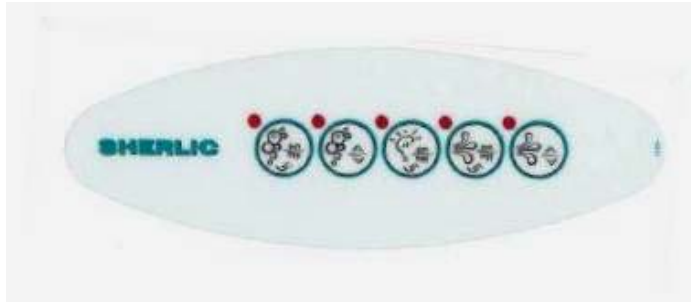
Button for the light (Optional)

Mood light

Press once, the light goes on.

Press again, the light goes off.

Dual combination system



ON/OFF Button and pulsation cycle

Press once, the blower starts

Press a second time, the blower stops.

While the blower is running, press and hold:

Hold for 3 seconds: wave cycle, the speed varies gradually from maximum to minimum

Hold for 6 seconds: pulsation cycle, the speed alternates directly between minimum and maximum

Button to increase and decrease the blower speed

First push: Press and hold to increase the speed of the blower. Release the pressure when desired speed is attained.

Second push: Press and hold to reduce the speed of the blower. Release the pressure when the desired speed is attained.

Light button (Optional)

Mood light

Press once, the light turns on.

Press again, the light turns off.

ON /OFF switch for Pump and pulsation cycle

First push: The pump starts

Second push: The pump stops

When the pump is running, push and hold :

3 seconds: wave cycle, the speed varies gradually from maximum to minimum

6 seconds: pulsation cycle, the speed alternates directly from minimum to maximum

Button to increase and reduce pump speed

1st push: Press and hold to increase the pump speed. Release when desired speed is attained.

2nd push: Press and hold to reduce the pump speed. Release when the desired speed is attained.

Helping Guide

Can the air blower be installed anywhere other than under the bathtub?

Yes, of course. The air blower can be installed up to 15 feet away from the bathtub. However:

- a. Never insolate the blower. However, it is recommended to insolate the air hose to prevent cooling of the air circulating within;
- b. The ambient air surrounding the air blower must be maintained at the same temperature as the room where the bathtub is installed.

The blower was not designed to heat cold air from the basement or a garage.

The blower starts on its own.

Almost all air blowers come standard with an automatic purge cycle that will start 20 minutes after the use of the system. However:

- a. If there is a power outage; the purge cycle could be activated;
- b. If the system is equipped with a water detector; the purge cycle will start every time there has been water in the bathtub (after you shower, after cleaning the bathtub, etc.);
- c. If this happens often even if the system has not been used, contact your dealer. The keypad could be defective and would have to be replaced.

The purge cycle does not start.

First verify with your distributor to make sure that your blower is equipped with this option. If so:

- a. Verify that the power to your system does not go through a timer or a security switch. If the timer or switch was shut off before the purge cycle count down has finished, the blower will not turn on.
- b. Verify that there is no water at the bottom of your bathtub. Your system may be equipped with a water detector that is preventing the purge cycle to start.

I can hear the blower functioning but there is no air coming out of the jets.

Verify that the 1 ¼ » air hose is well connected between the blower and the manifold. If not, reinsert the hose and retighten the clamp with the screw (if the screw has fallen off, replace it with another fitting screw) to maintain it in place.

I can hear the blower functioning but not ALL jets are working.

Sometimes jets can be obstructed by either installation debris or simply calcium build-up. To take care of this problem simply:

- a. Fill the bathtub with enough hot water to cover the jets on the bottom of the bathtub;
- b. Let the system run for approximately one (1) minute.
- c. While the system is running locate the jets that are not functioning and gently tap on the head of the jet with a rubber instrument (screwdriver handle or mallet)

My blower turns on but will only function for 10 to 15 minutes and then shuts off.

The blower is equipped with a thermal protection. If, for any reason, the blower gets too hot it will automatically shut off.

Let your blower cool down for approximately 1 to 1 1/2 hours. It should function normally after this time. To prevent that this happens again, verify;

- 1) That the blower has not been insulated
- 2) That there is sufficient air circulation surrounding the blower.

The air coming out of the jets is cold.

To verify that the air-heating element is functioning normally, turn on your system and let it run. After approximately 5 minutes, touch the air hose that is connected to your blower. It should feel hot.

- 1) If it does not, contact your distributor who will guide you through the procedures to follow to get your blower changed.
- 2) If it is, the blower is not defective. The cool sensation is something that happens from time to time. This is mainly caused by the theory that air blown onto wet skin will seem cool. In example, the air coming out of a hand dryer in a public rest room will seem cool to the hands as long as they are wet.

Unfortunately some people are more sensitive to this effect than other. The solution is to change positions in the bathtub and the sensation will diminish.

The air blower functions but the options on my keypad do not always function: hard to turn off or on, the speed doesn't vary when the – or + button is pressed.

If the problem is only with the + button; take note that your system starts at maximum speed. Therefore pressing this button will have no effect. To verify the proper function of your system press the – button; the speed should go down. Then press the + button and the speed will go back up.

If it is a problem with any other button, your keypad could be defective. Sometimes a humidity problem can occur within the electronic system if a wet cloth is left too long on the keypad or if the keypad label is cracked. Contact your distributor who will guide you through the procedures to have your keypad changed.

I press on the air push button but the system will not turn on or off.

With an air push button the solutions are most of the time quite simple:

1. If the button is hard to press or comes back too slowly to its initial position there may be too much air accumulated within the hose
 - a. To correct the problem, locate the transparent hose and with a thin pin, poke one or two holes through it to let the air out. (This will not harm your system in any way)
 - b. Verify that the hose is not kinked or bent and therefore blocking the air from flowing easily.
2. If the button is easy to manipulate; unplug the transparent hose from under the button and gently blow into it;
 - a. If the blower starts; the problem is simply with the air push button;
 - b. If the blower does not start; the problem is in the blower;

In both cases, contact your distributor for the procedures of having the defective part replaced. Please inform him of the results of your testing.

Nothing seems to work

- a. Verify the main circuit box of your home to make sure that the breaker is on "ON"
- b. Verify that the ground fault circuit breaker has not tripped.

Sherlic test each bathtub system before it leaves their factory. Therefore, the chances that nothing works at all are slim to nothing. Most of the time simply shutting off all power to the system for a 15 to 20 second period will take care of this problem

My ground fault circuit breaker switches off.

If your bathtub is equipped with both a whirlpool pump and an air blower, verify that each unit is connected to a separate ground fault circuit interrupter (GFCI).

Sometimes it can occur that the interrupter (GFCI) is too sensitive. To verify this, disconnect the blower and connect either a hair blower or a simple light bulb. If the ground fault circuit interrupter trips again, it may be that there is a short circuit somewhere within the electrical line. Have your electrician verify the problem. If the problem persists the ground fault circuit should be replaced.

Can the whirlpool pump be installed anywhere other than beneath the bathtub.

It is not possible to move the whirlpool pump because of the piping and the pump installation. For proper and secure functioning of the pump; it must be installed directly underneath the bathtub and properly secured in place by the manufacturer.

The whirlpool system does not start and a light flashes 3 times on the keypad.

Your bathtub is equipped with a water level detector that prevents your pump to run dry. Therefore;

- a. **Add more water to completely cover all whirlpool jets and try again;**

The whirlpool pump works but seems to miss sometimes

This is called « cavitations » and is caused by the following

- a. **One of the jets is directed towards the suction cover. Simply divert it to another direction;**
- b. **The connection nut to the suction fitting is not properly tightened. Tighten it a little more; by hand only.**

The system works fine but there is an oily substance coming out of the jets.

The use of soaps, oils, shampoo and other products while bathing can cause this problem. To resolve simply follow these procedures:

- a. **Fill the bathtub with warm water;**
- b. **Add 1 tablespoon of dishwasher liquid detergent;**
- c. **Start the system and let run for approximately 10 minutes;**
- d. **Empty the bathtub and fill once again with cold water. Let run for approximately 5 minutes.**
- e. **This procedure must be repeated until the water coming from the jets is clear.**

If this procedure is done on a regular basis, the problem should not reoccur.

One of the whirlpool jets does not work

Although very rare, sometimes debris can obstruct a jet. To take away the obstruction;

- a. **With the palm of your hand flat on the jet cover, push and turn counter clock wise;**
- b. **Remove the eye-ball and the spring of the jet**
- c. **Remove the jet orifice with a 5/16" adjustable wrench**
- d. **Remove any debris with a pair of long nose pliers or tweezers.**

The whirlpool pump will start but only work for 10 to 15 minutes and then shut off

The pump is equipped with a thermal protection. If, for any reason, the pump gets too hot it will automatically shut off.

Let your pump cool down for approximately 1 to 1 1/2 hours. It should function normally after this time. To prevent that this happens again, verify:

- 3) **That the pump has not been insulated**
- 4) **That there is sufficient air circulation surrounding the pump**

The pump functions but the options on my keypad do not always function: hard to turn off or on, the speed doesn't vary when the – or + button is pressed.

If the problem is only with the + button; take note that your system starts at maximum speed. Therefore pressing this button will have no effect. To verify the proper functioning of your system press the – button; the speed should go down. Then press the + button and the speed will increase.

If it is a problem with any other button, your keypad could be defective. Sometimes a humidity problem can occur within the electronic system if a wet cloth is left too long on the keypad or if the keypad label is cracked. Contact your distributor who will guide you through the procedures to have your keypad changed.

Nothing seems to work

- c. **Verify the main circuit box of your home to ensure that the breaker is on "ON"**
- d. **Verify that the ground fault circuit breaker has not tripped.**

Sherlic test each bathtub system before it leaves their factory. Therefore, the chances that nothing works at all are slim to nothing. Most of the time, simply shutting of all power to the system for a 15 to 20 second period will take care of this problem

