installation instructions

Freestanding Tubs

G6077SH1SLWH ✓

INSTALLER: To be removed for use by the occupant

PRAXIS

Praxis 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 Praxis bath products.

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 hyperthermia may be described as follows: Hyperthermia occurs when the internal temperature of the body reaches a level several degrees above the normal body temperature of 98.6. The symptoms of hyperthermia include an increase in the internal temperature of the body, dizziness, lethargy, drowsiness, and fainting. The effects of hyperthermia 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 hyperthermia.

SAVE THESE INSTRUCTIONS

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® 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 Option (Not Available on All Models):

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 (Not Available on All Models):

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

See installation instructions provided with options that are field installable.

Praxis 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 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. 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.
2. All building materials and wiring should be routed away from the pump body or other heat producing components of the unit.
3. Bathtubs with combination whirlpool and Airbath systems 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 diagrams.

WARRANTY:

Praxis Companies, LLC warrants to the original purchaser only that its product is free from defects in material or workmanship. Praxis Companies, LLC offers a three (3) year limited warranty on all gelcoat fiberglass models; a five (5) year limited warranty on all acrylic models; and a ten (10) year limited warranty on all CenturyStone™ models, from the date of purchase. Whirlpool systems and all accessories and hardware carry a one year limited warranty.

If the product shall prove to have material defects, manufacturing defects or other labor defects, during the warranty period, it shall be repaired or replaced at the discretion of the warranty department of Praxis Companies, LLC.

LIMIT OF LIABILITY:

The Praxis Companies, LLC's sole and exclusive liability hereunder shall be to repair or replace goods or parts there of found to be defective within the warranty period. In no event shall The Praxis Companies, LLC be liable to purchaser for incidental or consequential damages whether in contract,tort, or otherwise, including but not limited to damage related to loss of profits or revenue, loss of use of goods or any associated equipment, cost of substitute goods, downtime costs, or other damages to purchaser or its customers.

WARRANTY CLAIM:

To file a warranty claim you must fill out a Praxis Product warranty claim request and submit it to Praxis Companies, LLC for approval. Upon approval a work order will be issued for that warranty claim and the unit will be repaired or replaced with a product of equal value at the manufacturers' option. Should the claim be deemed non-warranty, an applicable service fee will be applied by the service technician.

WARRANTY LIMITATIONS:

The owner/end-user of the product covered by the present warranty is entirely responsible for its proper installation and electrical wiring. Praxis Companies, LLC neither installs nor supervises the installation nor contracts therefore and consequently cannot be held responsible for any default, breakage or damages caused hereby or resulting thereof, directly or indirectly. The owner/end-user must provide an access to components of the product as described in the installation guide in order for Praxis Companies, LLC to provide for warranty specified herein. If such an access is not available, all expenses to provide one will be the responsibility of the owner end-user.

FREIGHT DAMAGE CLAIM:

Praxis Companies, LLC bath products are made and inspected by experienced production personnel. Manufacturer's responsibility for product during shipment ceases upon delivery of these goods and the acceptance of these goods by the customer. If shipping damage is detected upon arrival of the goods, the customer must note the bill of lading to that affect. After acceptance of goods by customer, warranty period begins.

For more details on The Praxis Companies, LLC Warranty policies please visit www.praxiscompanies.com to review.

freestanding installation

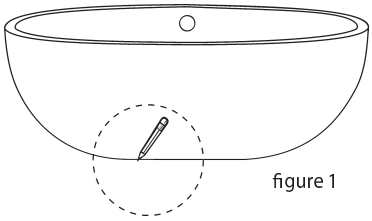


figure 1

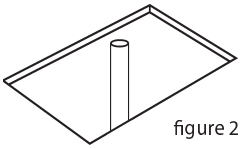


figure 2

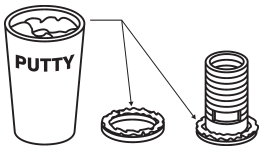


figure 3

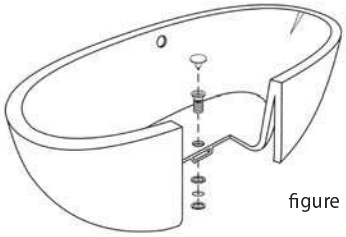
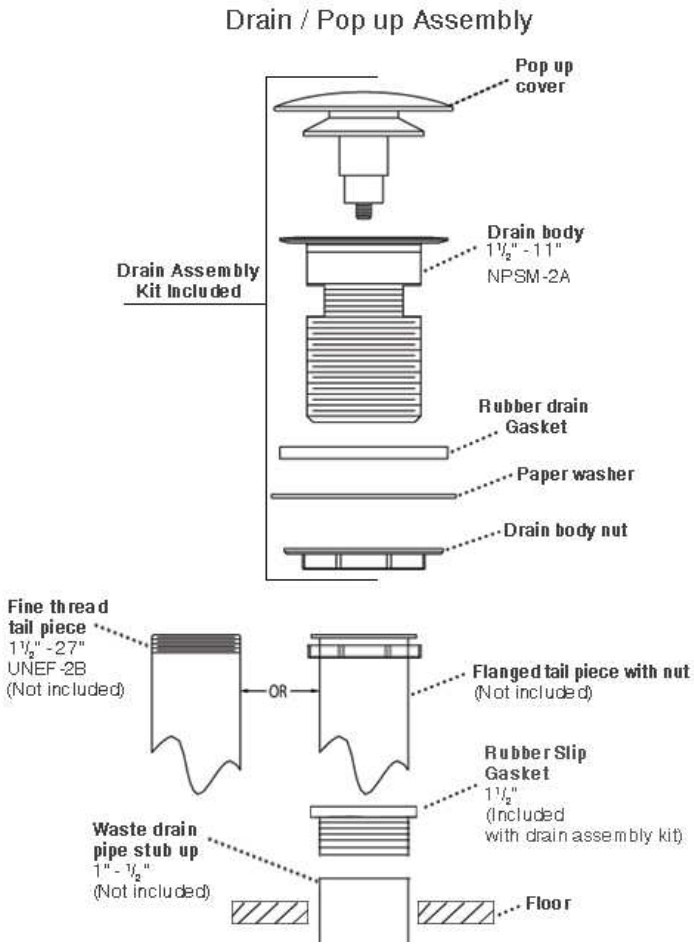


figure 4



PREPARATION

1. Clean, level, and prepare the floor for installation.
2. Place the unit in the exact installed position on the fl oor and trace the outline of the bath with a pencil or any erasable marking (fi gure 1).
3. Determine the location of the drain pipe, and air line (on units with Airbath Systems) on the fl oor by taking measurements of the drain and waste location underneath the unit (fi gure 2).

   Note: Drain and waste locations will vary by model.
4. Using a blanket, cardboard, or other clean protective surface, turn the unit on its side so that the unit is properly supported during drain installation.
5. Clean the drain hole area in preparation of setting the drain. The area should be dry and free of any debris.

INSTALL DRAIN & TAIL PIECE HARDWARE

All parts involved in tail piece installation are provided by the installer.

Determine if the tub has a factory installed integral drain or if a field installed drain is requested. Tubs with factory installed integral drains continue with instructions. Tubs with field installed drains go to step 10.

Tubs with factory installed integral driains (steps 6-12):

6. Apply a bead of clear silicone or plumbers putty around the Drain Body and pass it through the drain hole (figure 3).
7. Apply plumbers putty to the Washer and slide it over the bottom of the Drain Body (figure 3).
8. Slide the paper washer over the drain body.
9. Attach the Drain Body Nut on the Drain Body and tighten until the Nut and Washer have created a seal with the bottom of the bathtub. DO NOT OVERTIGHTEN (figure 4).
10. Insert 1 1/2" rubber slip gasket into the drain waste vent.
11. Cut tail piece to desired length (will vary for each installation).
12. Connect tail piece assembly to drain body (figure 5).

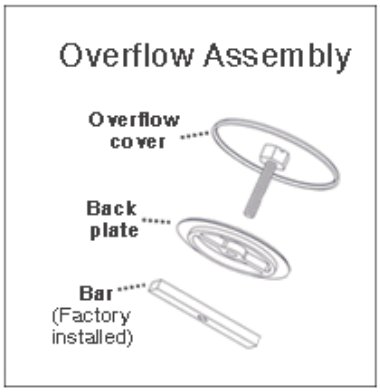


figure 5
(Ingetral Drain Unit Hardware Shown)

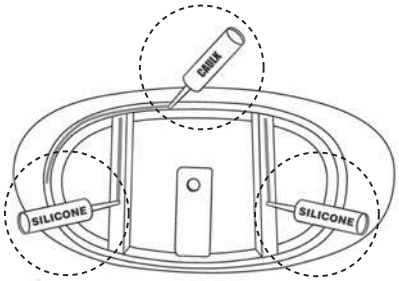


figure 6

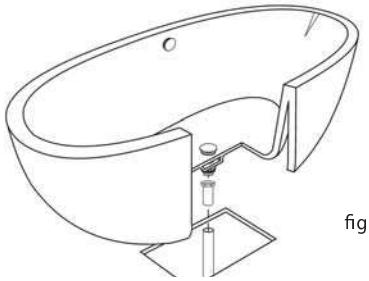


figure 7

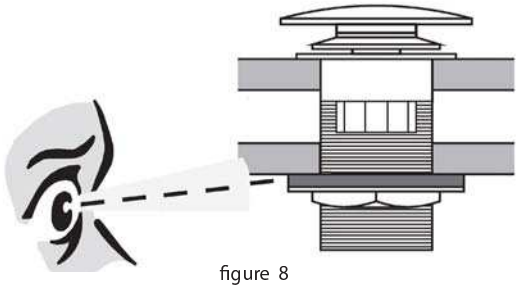


figure 8

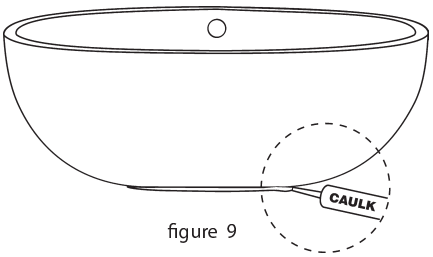


figure 9

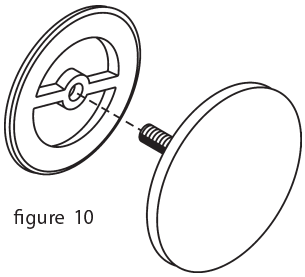


figure 10

INSTALL BATHTUB

NOTE: Remote blower and pump Installations contiue on pages 6 and 7 then return to step 13.

13. Apply a generous bead of adhesive or silicone to the bottom of the tub supports (figure 6).

14. Then apply a bead of tub and tile caulk around the edge of the base (figure 6).

15. **Carefully** set tub into position (figure 7) and connect the drain hardware (previously installed).

COMPLETE BATHTUB INSTALLATION

16. Fill the tub with water to the overflow and then drain the tub while inspecting the waste connections below the floor for leaks. Access from below may be necessary for this step.

17. With the bathtub now in place, wipe off any excess tub and tile caulk and adhesive where the tub meets the floor.

18. Run a bead of tub and tile caulk around the bottom edge of the bathtub where it meets the floor. Wipe off any excess caulk with a wet cloth (figure 9).

INSTALL OVERFLOW HARDWARE

19. Place the Back Plate over the screw of the overflow cover .

20. Then, align the Overflow Cover with the Bar (installed at the factory) in the overflow hole.

21. Carefully hand tighten the Overflow Cover until it stops. DO NOT OVERTIGHTEN

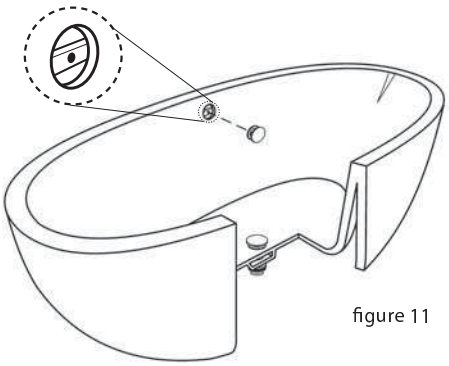
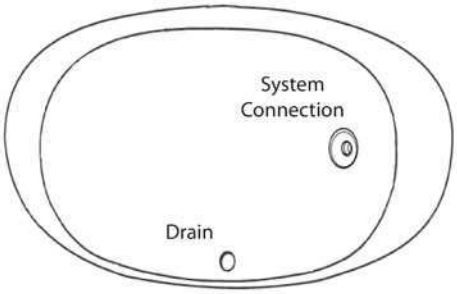


figure 11

remote equipment installation

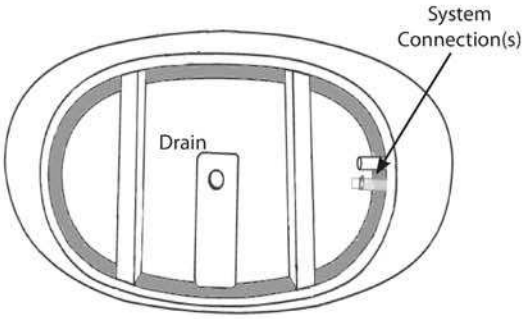
(if applicable)



Enclosed Bottom

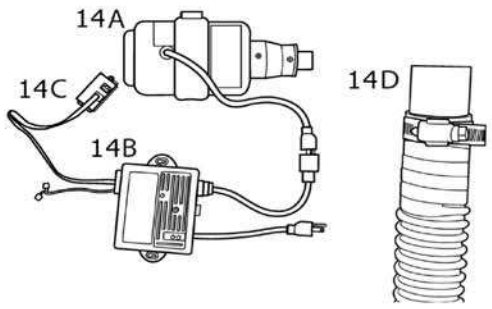
figure 12

Note: System connection and drain locations will vary.



Open Bottom

figure 13



Configuration shows a blower with sensor box connection and grey flex hose.

figure 14

PREPARTION

1. Carefully place tub on side. ***Use a soft blanket or towel to protect side of bathtub.***
2. Determine location for pump and/or blower and verify that access to bathtub connections and remote location will be possible after bathtub is installed.
   - Location must be within 2 feet of the unit for the pump and within 6 feet for the blower.
   - System connections vary according to system type, model, and custom configurations. Verify connection location on bottom of unit before proceeding.
   - **NOTE: Pumps must be level with suction line.**
3. Install bathtub and drain according to manufacturer instructions.
4. Determine if bathtub is enclosed or open bottom (figures 12 and 13) and connect equipment according to the appropriate configuration.

PARTS

Parts that ship separate are listed below (figure 14).

A) Blower **(14A)** and/or Pump

B) Electronic control box **(14B)**
- Dual systems (whrilpool and Airbath) will have a total of two control boxes - one for each system.

C) Sensor box **(14C)** for remote controls systems or a Control Pad

D) Blower: Grey flew hose with metal clamp **(14D)** and tube connection

Pump: PVC pipe (2 ft. extention) and 2 union piece

remote equipment installation

(if applicable)

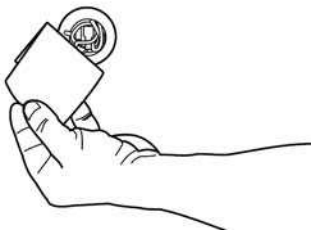


figure 15

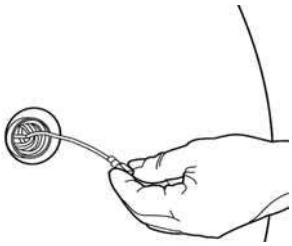


figure 16

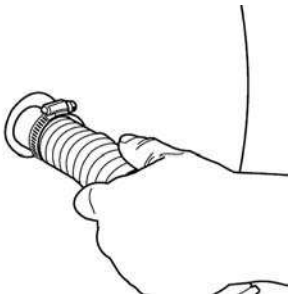


figure 17

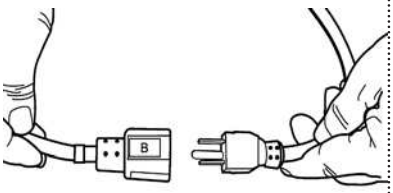


figure 18

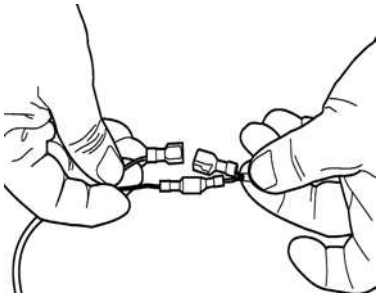


figure 19

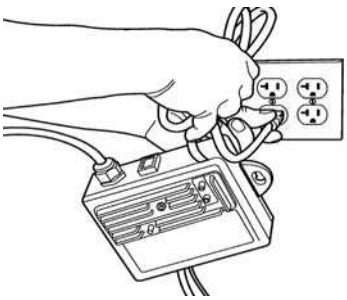


figure 20

EQUIPMENT CONNECTION FOR ENCLOSED BOTTOM UNITS (figure 12)

1. Carefully remove the tape covering the Blower Outlet (figure 15).
2. Pull out the grey sensor wire from Blower Outlet (figure 16).

   IMPORTANT: This wire is to connect to the electronic control box for the Airbath sensors. You will connect them at stage 8.

2. Insert grey flex hose with tube connection into Blower Outlet. It should slide in easily. (figure 17).
3. Tighten metal clamp to secure hose.
4. Connect the other end of the grey flex hose to the blower and tighten the other metal clamp to secure hose.
4. Connect electronic control box plug and blower plug together (figure 18).
   - *Note: The two plugs are color coordinated to assist in plugs identification and matching.*
5. Connect sensor wires together. These are the 4 plastic red connectors. They should line up and snap together (figure 19).
6. Plug the electronic control box plug into GFCI outlet on the wall (figure 20).
7. Test to the system for proper operation before completing installation.
8. Complete bathtub installation (page 5, step 17).

EQUIPMENT CONNECTION FOR OPEN BOTTOM UNITS (figure 13)

1. Connect pump to whirlpool system with PVC piping (2 feet of PVC piping provided by manufacturer; sealants and additional installation materials provided by installer).

   Connect blower to Airbath system with grey flex hose tubes by connecting the tubes with the small PVC sections (provided by manufacturer) and tighten metal clamp around each end of grey flex house to secure hold to PVC section.
   - *NOTE: Do not overtighten metal clamps on grey flex hose.*
3. Connect electronic control box plug(s) and the appropriate pump and/or blower plug together (figure 18).
   - ***Note: The plugs are color coordinated to assist in plugs identification and matching.***
8. Connect sensor wires together. These are the 4 plastic red connectors. They should line up and snap together (figure 19).
   - *Note: Combination systems will have 8 connectors (4 for each system)*
9. Plug the electronic control box plug(s) into GFCI outlet on the wall (figure 20).
10. Test to the system(s) for proper operation before completing installation.
11. Complete bathtub installation (page 5, step 17).

Additional Requirements for Units Installed in Canada

- Connect Only To Circuit Protected By Class A Ground Fault Circuit Interrupter
- Connect Only To a Branch Circuit Protected By Overcurrent Protection Device Rated Not More Than 20 A.
- "Bonding Lugs" adjacent to any unused bonding lugs.
- Use Copper Conductors Only
- **CAUTION:** Risk Of Electric Shock, Disconnect Electric Power Before Servicing" for units which require servicing of Class 1 or 2 circuits, have attachment plug or separable power connectors, or enclosure containing a fuse.
- **CAUTION:** Risk Of Electric Shock, Unit Supplied From More Than One Branch Circuit, Disconnect From All Sources of Electric Power Before Servicing" for units supplied from more than one supply source.
- This Component Relies Upon Its Mounting Means For Grounding Continuity. Use Only Identical Replacement Parts and Mounting Hardware to Ensure Continued Electrical Safety" for units which have components and subassemblies that rely solely upon their mounting means to ensure bonding continuity.
- **WARNING:** Risk Of Hyperthermia And Possible Drowning; Do Not Use A Hydromassage Bathtub Equipped With Heater Immediately Following Strenuous Exercise.
- **WARNING:** Risk of Electric Shock; Do Not Permit Electric 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; Water Temperature in Excess of 38°C May Be Injurious to Your Health. Check And Adjust Water Temperature Before Use.
- **WARNING:** Risk Of Hyperthermia; People Using Medications And/Or Having An Adverse Medical History Should Consult A Physician Before Using A Hydromassage Bathtub Equipped With Heater.
- Prolonged immersion in water hotter than normal body temperature may induce hyperthermia.
- Praxis hydromassage bathtubs equipped with a heater will automatically maintain the current water temperature when the hydromassage system is engaged. The heater does not have adjustable controls and will automatically sense the current temperature of the water. Water temperature in the tub no higher than 38°C is recommended by Canadian federal and local statues and regulations.
- **INSTALL TO PERMIT ACCESS FOR SERVICING**
- Install This Unit in Accordance with the Canadian Electric Code Part I.
- The Control Provided With This Unit Shall be Installed Out of Reach of Persons Occupying the Tub, in Accordance With the "Canadian Electrical Code, Part I" for units included with a control but is not an integral part of the tub.

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Always check www.praxiscompanies.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

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