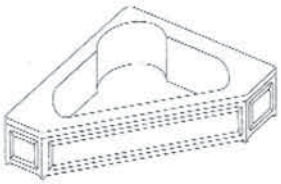
INSTALLATION & OPERATING





SAVE THIS MANUAL: RETAIN FOR CONSUMER'S USE.

READ THESE INSTRUCTIONS COMPLETELY BEFORE INSTALLING THE PRODUCT: IF YOU HAVE ANY QUESTIONS CALL 1-800-221-3379.

YOU MUST FOLLOW ALL INSTRUCTIONS IN THIS MANUAL:
FAILURE TO DO SO WILL RESULT IN YOUR ASSUMPTION OF LIABILITY THAT MAY RESULT. FAILURE TO COMPLY WITH ALL INSTRUCTIONS CAN RESULT IN PRODUCT DAMAGE AND PERSONAL INJURY.

THIS PRODUCT COMPLIES WITH MANY NATIONALLY RECOGNIZED STANDARDS SUCH AS: ANSI Z124.1- 9, ASME A112, IAPMO AND UL 1795. YOU ARE RESPONSIBLE FOR ANY LOCAL CODES THAT MAY APPLY.

**THIS PRODUCT IS DESIGNED TO BE INSTALLED BY A LICENSED TRADESMEN.
LICENSED PLUMBERS AND ELECTRICIAN'S SHOULD BE EMPLOYED TO INSURE PROPER INSTALLATION. INSTALLERS ASSUME ALL LIABILITY FOR THE CORRECT INSTALLATION PROCEDURES.**

Only accessories authorized by the manufacturer should be used with this product.

THIS PRODUCT IS DESIGNED FOR RESIDENTIAL USE AND USE BY HEALTHY INDIVIDUALS.

IMPORTANT SAFETY INSTRUCTIONS:

WARNING! WHEN USING THIS PRODUCT, BASIC PRECAUTIONS SHOULD ALWAYS BE FOLLOWED. READ AND FOLLOW ALL INSTRUCTIONS PERTAINING TO RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS

DANGER: To reduce the risk of injury, do not permit children to use this product unless they are closely supervised at all times.

Unpacking The Unit

1. Inspect the carton.
2. If carton damage is noted, take a picture if possible and notify the deliverer.
3. Immediately inspect the unit for damage even if there is no carton damage. Once the unit is installed surface damages will be assumed to be installation related if not reported at this point. Installers are responsible for damage that occurs once the unit is placed in its niche.
4. Inspect the plumbing for any loose fittings.
5. On whirlpool units the unions on the suction and discharge sides of the pump have been marked to indicate the alignment that was present at water test at the factory. If these are not aligned, retighten and test for water tightness.
6. Remove all packaging material except for the protective plastic. This has been placed on the tub at the factory to eliminate abrasions from handling. This should only be removed at final clean up.

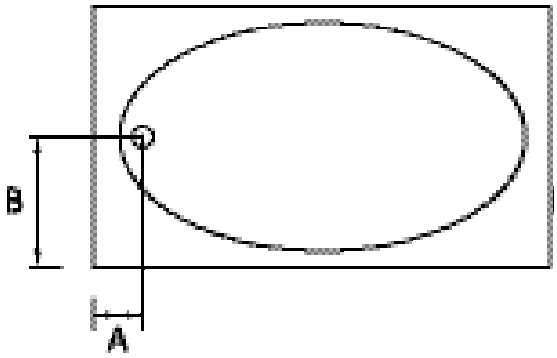
Installation Prep

1. NEVER LIFT THE TUB BY THE PLUMBING. Doing so can result in leaks, which you the installer are responsible.
2. Check the floor area where the tub is to be installed.
   a. Clean the area of any debris or trash.
   b. Use a 5 or 6 foot level and determine if the floor is level. If it is not, you can calculate how much mortar must be used to level the tub.
   c. Check to insure that the drain rough has been placed at the proper location.
   d. Insure that the proper electrical service has been installed at the pump location. See electrical requirements for specifications
3. If this is a deck installation, measure to insure that the deck is at such a height as to not suspend the tub by its rim. **Tubs must only be supported by full support of the tub floor.**

Electrical Requirements

1. ALL CONNECTIONS MUST BE GFCI (Ground Fault Circuit Interrupted) PROTECTED
2. Whirlpool units require dedicated 20 amp, 115 volt service.
3. A receptacle with a 20 amp configuration must be provided.
4. See local codes for proper wire size, if not specified use #12 Copper only wire.

MODEL	LENGTH	WIDTH	HEIGHT TO DECK	HEIGHT TO LIP	"A"	"B"
PFW5838PLUS, PFS5838	58"	38"	21"	19 1/2"	6"	19"
PFW6032, PFW6032PLUS, PFS6032	60"	32"	19 1/2"	18"	10"	16"
PFW6032L/RSK, PFS6032L/RSK	60"	32"	19 3/4"	18 3/4"	9 1/2"	16"
PFW6036, PFW6036PLUS, PFS6036	60"	36"	20"	18 1/2"	6 3/4"	18"
PFS6036L/RSK, PFW6036L/RSK	60"	36"	19 3/4"	18 3/4"	9 1/2"	18"
PFW6042, PFW6042PLUS, PFS6042	60"	41 3/4"	20"	18 1/2"	9"	21"
PFW6042L/RSK, PFS6042L/RSK	60"	42"	19 3/4"	18 3/4"	9 1/2"	21"
PFW6060, PFW6060PLUS, PFS6060	60"	60"	21 1/2"	20"	10 1/2"	35 1/2"
PFW7236, PFW7236PLUS, PFS7236	71 3/4"	36"	20"	18 1/2"	9 1/2"	18"
PFW7040PLUS, PFS7040	70"	40"	20 3/4"	19 1/4"	6 3/4"	20"
PFW7242, PFW7242PLUS, PFS7242	72"	42"	20 1/4"	18 3/4"	9 1/2"	21"



Note: Dimensions are nominal ± 1/4"

IMPORTANT SAFETY INSTRUCTIONS:

WARNING! WHEN USING THIS PRODUCT, BASIC PRECAUTIONS SHOULD ALWAYS BE FOLLOWED. READ AND FOLLOW ALL INSTRUCTIONS PERTAINING TO RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS

- **DANGER: To reduce the risk of injury, do not permit children to use this product unless they are closely supervised at all times.**
- **Use this unit only for its intended purpose as described in this bulletin. Do not use attachments not recommended by the manufacturer.**
- **Never drop or insert any objects into any openings.**
- **DANGER: RISK OF ELECTRICAL SHOCK! Connect only to a separate circuit protected by a ground fault circuit interrupter (GFCI).**
- **The unit must be connected to a circuit interrupter (GFCI). Such a circuit is provided by the installer and should be tested on a routine basis. To test the GFCI push the test button. The GFCI should interrupt power. Push the RESET button. Power should be restored. If the GFCI fails to operate in this manner, there is a ground current flowing, indicating the possibility of an electrical shock. Do not use this unit. Disconnect the unit and have the problem corrected by a qualified service representative before using.**
- **Traction enhanced-textured tub bottom must remain clean to minimize slippage.**
- **DANGER: RISK OF ELECTRICAL SHOCK. All pumps and heaters must be connected to a ground fault circuit interrupter (GFCI) protected outlets.**

SAVE THESE INSTRUCTIONS

This product and its components are UL listed or UL recognized and IAPMO approved

INSTALLATION PLANNING:

- **NEVER** lift with, pull by or bump whirlpool piping. To do so may cause leaks and will void the Warranty.
- Check level and quality of floor. An uneven floor may impede proper installation of the product. Floor structure must be capa-

ble of supporting 100 pounds per square foot.

- Installation must comply with local and national codes.
- a dedicated circuit protected by a ground fault circuit interrupter (GFCI) is required. **Whirlpool models with in-line heaters require an additional circuit protected by GFCI.**

INSTALLATION PROCEDURES:

WARNING: When installing whirlpools, air, or total massage baths, basic precautions should be followed, including the following:

- **DANGER: RISK OF ELECTRICAL SHOCK! Connect only to a separate circuit protected by a ground fault circuit interrupter (GFCI).**
- **Installation must provide access for servicing pump/motor.**

1. Install tub waste/ overflow fitting according to instructions provided with fitting.
2. Construct support faming for tub, allowing for a **16" X 20" access** opening for servicing pump/motor on whirlpool models.
3. **DECK / PENINSULAR INSTALLATION -** Deck surface can be any width. Be certain to allow for thickness of wall board and tile or other surface material between deck (see "Height to Lip" in product dimensions section) and underside of tub lip.
4. **ALCOVE / CORNER INSTALLATION -** Wooden 1" X 4" support stringers **must be attached** to surrounding walls at recommended height. If using a skirt, refer to specific skirt installation instructions provided with that product.

NOTE: Alcove and corner installations may require the use of Tile Flange Kit (Part#PFTLK and PFTLKC) to prevent water from coming in contact with wall board. After framing is complete, set product in place to check fit and make certain that it can be properly leveled. *(**Caution:** if tub is not level (use deck surface for checking level) water will not drain properly.)*

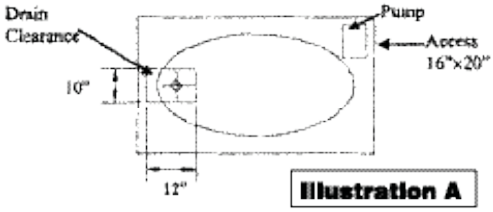


Illustration A

WARNING: Never allow the weight of the tub to be supported by lip on deck or stringers, as this could result in product failure and void the Warranty. If utilities are available, level and fill tub with water and test for proper operation and drainage or possible water leaks do to transit/handling damage. Remove tub from framing.

5. The tub **MUST** be supported by the tub bottom and not the tub lip. The lip should only rest on the finished deck surface or support stringers. The tub bottom must be supported by a setting compound such as cement or mortar (fast cure materials are not recommended due to excessive shrinkage). A sheet of plastic film, both under on the top of compound,is recommended as a barrier. The tub should be set in place (do not handle whirlpool by piping) while compound is still soft so that the compound will conform to the tub bottom. Tub should be worked down into compound lip of tub just makes contact with finished deck surface or support stringers. It may be necessary to partially fill tub with water to aid in properly setting the tub.

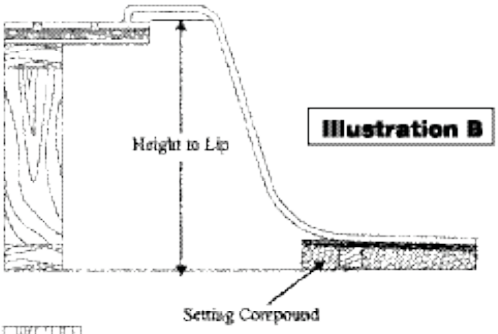


Illustration B

6. Verify that product is level by checking tub deck surface.
7. Locate fill spout and supply lines where desired. If spout and supply lines are to be installed on deck of tub, mark the location and drill pilot holes from acrylic side of product. Using proper size hole saw, drill spout and supply line holes from acrylic side of product as well.
8. Connect water supply lines and waste overflow.
9. Electrical connection is simply made by plugging pump cord (shipped with cord and plug) into specified dedicated 120V/20A GFCI outlet.
10. After plumbing and electrical connections have been made the tub should be cleaned of dirt and debris. Follow "Cleaning and Maintenance" instructions in these instructions
11. In finish-out of Corner/Alcove installation, be certain to allow for an expansion gap between wall board and tub deck as well as between tile or other water material and tub deck.

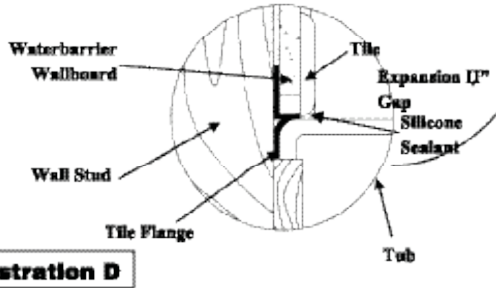


Illustration D

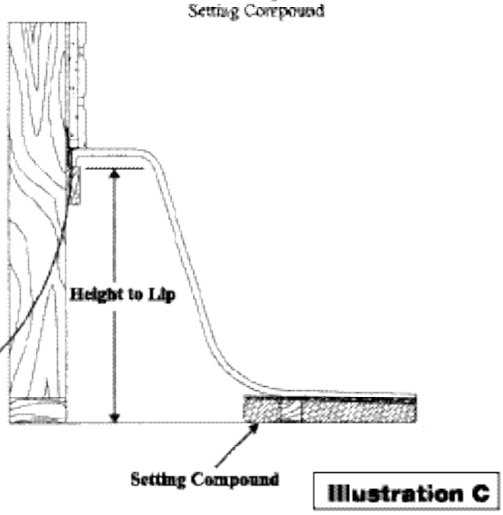


Illustration C

TESTING THE BATH

1 Installation is not complete until the bat has been water tested. All baths are operationally tested at the factory and certified to be free of leaks. Transportation and handling may result in leaks developing. It is necessary to test the bat while there is

access to all sides of the bath.

2 If power and water are available the unit should be both static and operationally tested.
   i. Seal the drain and fill the tub to a normal level.
   ii. Allow the tub to stand for 5 minutes and then inspect all plumbing for leaks.
   iii. After performing the preceding test, now operate each pump and inspect for leaks. Again inspect the unions around the pump. If leaks persist from the unions after tightening; loosen the unions and insure that the O-ring is seated properly.
      1. if the pumps do not operate;
         a. Check the breaker to insure power is on
         b. Check the connections at the switch and pump ends to insure they are securely attached.
   iv. If an optional heater is present, check the indicator light on the heater to insure that power is present.
3. **Do not run any pumps or heaters unless the tub is filled with water to a proper level.** Damage due to dry running pumps is not covered under warranty.
4. If power is not available, then a hose should be used to fill the tub with water and a static test inspection performed.

Failure to perform these testes immediately after the tub is installed will make the installer liable for future repair costs.

OPERATING INSTRUCTIONS

1. Fill the bath at least to 3 inches below the overflow before activating the pump.
2. The pump will be activated by an on/off switch. Each depression of the button changes cycles. Do not repeatedly rapidly depress the switch. It may take a few seconds before an energized system is visible.
3. If any factory installed fittings are removed, do not operate the unit. A safety hazard may be present.
4. Do not use bubble bath when any pumps are operating.
5. Bath oils may be used; however their frequent use will require more frequent purging/cleaning of the systems.
6. Both air and whirlpool systems are plumbed so that water will drain from th plumbing.
7. There are no user serviceable parts located under the tub.

The whirlpool bath pump is activated by a pneumatic (air) switch. Each depression of the switch will actuate the pump to next phase. If off, one depression will turn the pump on. If on, the next switch depression will turn it off. There is a slight delay between the actual switch depression and the change in status. **DO NOT RAPIDLY PUSH THE SWITCH OFF AND ON AS THIS WILL RELEASE AIR PRESSURE AND NO ACTIVATION WILL OCCUR.**

When first using the bath, insure that the protective plastic barier has been removed. If not, snap the ring off and remove the button, then remove the plastic. Replace the button and insure that it is properly aligned, then replace ring. If the plastic is not removed, the proper amount needed may not be supplied to the switch.

CLEANING AND MAINTENANCE:

Pump and pipe circulation system should be flushed before first use and on a monthly basis when product is under normal use. Below are the recommended procedures for cleaning:

- **DO NOT RUN WHIRLPOOL DRY.** Fill the tub with hot water 2-3 inches above the jets and add 2-3 teaspoons of low foaming detergent such as dishwashing machine detergent. Make certain the air control(s) are turned completely clockwise and are off.
- Switch on whirlpool and run for 10 minutes.
- Drain tub completely.
- Fill tub with cold water above jets.
- Switch on whirlpool and run for 15 minutes.
- Drain tub completely.
- Cleaning The Suction Cover. Clean and remove any hair or lint from the suction cover. Monthly, unscrew the suction cover and clean away any hair, lint or debris from the cover and housing, then remount the cover in place. **Never operate the unit with the safety suction cover off.**

DO NOT USE ABRASIVE CLEANERS as they will scratch and dull the surface of the acrylic.
Plaster can be removed using a sharpened wooden stick. **DO NOT USE METAL SCRAPER, WIRE BRUSHES OR OTHER HARSH ABRASIVE TOOLS.** Usually a mild detergent will remove construction debris.
More stubborn debris may be removed with denatured alcohol, or Clorox Soft Scrub® cleaner.

Light scratches and dulled areas may be restored to original luster by rubbing with an automotive type cleaning compound such as DuPont White Polishing Compound®.

REPAIR PROCEDURES

Most minor scratches (up to 1/64” deep) and cigarette burns can be removed by sanding the area with #180 or #240 wet or dry sand paper and progressing down to #600 or #1200 grit. Finally, apply light buffing compound and buff area with a clean stitched cotton buffing pad or equivalent. Use an extra application of fine buffing compound if necessary.

For Cracks and Major surface damage, call our service line (800) 221-3379.

WHIRLPOOL TROUBLE SHOOTING

MOTOR WILL NOT START:

1. Check Circuit Breakers.
2. Check for incorrect or loose wire connections.
3. Make sure the correct power supply is being used.
4. On/Off switch or pneumatic switch should be in the “On” mode.
5. Check to see that the plastic air tube is securely in place on the air switch nozzle on the motor and the nozzle on the bellows.

MOTOR OVERHEATING AND CYCLING ON AND OFF:

1. Check for incorrect or loose wire connections.
2. Check for low voltage supply *(frequently caused by undersized wire).*
3. Make sure the motor gets a fresh air supply and the vents are kept unclogged.

MOTOR MAKES HUMMING NOISE BUT WON’T START:

1. Make sure motor shaft turns free.
2. Check for jammed impeller or an obstruction on (volute) casing.
3. Check for low voltage and undersize wire.

PUMP WON’T PRIME:

1. Make sure pump is installed at the proper level and the plumbing lines have been correctly installed to allow the water to enter pump freely.
2. Open air control valves to release any possible air lock.
3. Make sure all suction and discharge lines are clear and unobstructed and all valves are opened.
4. Check for air leaks in the suction line.

LOW WATER FLOW:

1. Check for clogged plumbing lines.
2. Check for low voltage.

WATER LEAKS:

1. Check compression fittings (union connectors) making sure they are properly aligned and secured. HAND TIGHTEN ONLY.

DO NOT USE TOOLS.

2. Make sure the O-ring is properly seated and not damaged.

NOISES:

1. Check plumbing vibration making sure lines are adequately supported.
2. Check for cavitation due to undersized suction line.



FIVE YEAR
LIMITED WARRANTY

All PROFLO & PROFLO Plus Whirlpools and Bathing Systems are warranted in accordance with the following Limited Warranty:

PROFLO & PROFLO Plus Whirlpools and Bathing Systems are warranted against defects in material and workmanship from the date of the first consumer purchase. PROFLO warranty is 1 year. PROFLO PLUS is 5 years.

This Warranty shall apply to defective acrylic surfaces which crack, fade or blister, and any defect in whirlpool and bathing system components.

The Warranty extends to the first consumer purchaser and not to subsequent owners, transferees or users other than the first purchaser. This warranty does not extend to products previously utilized as display models.

This Warranty shall apply to products installed and used only for personal, family or household purposes and which are installed and maintained in accordance with PROFLO & PROFLO Plus Whirlpool and Bathing Systems' recommended installation and maintenance procedures. This Warranty does not extend to defects or damage caused, in whole or in part, by any unauthorized or unreasonable use.

No liability shall exist for incidental or consequential damages caused in whole or part by any defects in PROFLO & PROFLO Plus Whirlpools and Bathing Systems. No warranty, expressed or implied, including any warranty of merchantability or fitness for a particular purpose, shall apply after the warranty period described above. Some states do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts. The above limitation may not apply to you.

In the event of a defect in material or workmanship of a PROFLO & PROFLO Plus Whirlpool or Bathing System during the Warranty period, defective products will be repaired or replaced as PROFLO & PROFLO Plus, at its sole and absolute discretion, determines. However, PROFLO & PROFLO Plus shall not be liable for the expense for removing defective products on installing replacement products. In certain circumstances, some states do not allow the limitation of liability for removal, transportation and reinstallation expenses. The above limitation may not apply to you.

Only PROFLO & PROFLO Plus is authorized to perform its warranty obligation. If you wish to obtain performance of the PROFLO & PROFLO Plus warranty obligation you should contact PROFLO & PROFLO Plus, telephone number (800) 221-3379. Other information about performance of the PROFLO & PROFLO Plus Whirlpool and Bathing Systems' warranty obligation may be obtained at the same address and telephone number.

This Warranty gives you specific legal rights and you may also have other rights which vary from state to state.