

# WHIRLPOOL SYSTEM USER GUIDE



Thank you for choosing Valley Acrylic Products. This installation manual provides general information on the installation of our products.

All the information in this guide is based upon the most recent product information available at the time of this publication. Valley Acrylic reserves the right to make changes to product characteristics, packaging, or availability at any time without notice.

*Thank you for your purchase!*



## IMPORTANT SAFETY INSTRUCTIONS



**WARNING:** When using this unit, basic precautions should always be followed, including the following:

### READ AND FOLLOW ALL INSTRUCTIONS:

- **WARNING:** Risk of lethal electric shock. To reduce risk of electric shock, connect only to circuits protected by a Ground-Fault Circuit-Interrupter (GFCI) or Residual Current Device (RCD).
- **DANGER: To reduce the risk of injury, do not permit children to use this unit unless they are closely supervised at all times.**
- Use this unit only for its intended use as described in this manual. Do not use additional attachments not recommended by the manufacturer.
- Never drop or insert any object into any opening.
- Do not operate this unit without the guard over the suction fitting.
- The unit must be connected only to a supply circuit that is protected by a Ground-Fault Circuit-Interrupter (GFCI). Such a GFCI should be 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 electric shock. Do not use this unit. Disconnect the unit and have the problem corrected by a qualified service representative before using.
- This product is intended for indoor use only. Installing this unit outdoors could cause personal injury and will void your warranty.

## IMPORTANT SAFETY INSTRUCTIONS

Be sure that you are familiar with all the controls and switches and that the unit is operating properly.

1. The water in a whirlpool should never exceed 40° C (104° F). Water temperature between 38° C (100° F) and 40° C (104° F) are considered safe for a healthy adult. Use time should be limited to approximately 30 minutes, followed by a shower to cool down. Longer exposure may result in hyperthermia. The symptoms of this condition are nausea, dizziness and fainting, which can be fatal. Lower water temperatures are recommended for extended use (exceeding 10-15 minutes) and for young children.

2. If you will not be operating the whirlpool system during your bath, you may fill the bathtub to any comfortable level. However, if you will operate the system, you must fill the bathtub until the water is at least 3" (75) above the highest jet. Never operate the whirlpool unless water is at least this high.

### 3. **DO NOT operate the whirlpool system if:**

- The bathtub isn't filled to required levels above jets.
- You're pregnant (until you've consulted your doctor).
- You're taking medications or drugs that may make you drowsy.
- You're drinking any form of alcohol.
- You've just had a meal. Wait for 30 minutes after dining.
- There is a child in the bathtub who may be left unattended at any time. Never allow small children to remain unattended in any bathtub.
- There are any small objects in the bathtub. The jet action can move small objects at high speeds, causing pain and possible injury.
- The safety suction cover is not in place. The suction cover is the large fitting with a pattern of holes on its face, mounted on the bathtub's side wall.
- You're smoking. The heat of burning tobacco can damage the bathtub surface. Keep tobacco products and ashtrays away from the bathtub.
- You have problems with your immunity system (until you have consulted your doctor).
- Never operate electrical appliances (television, hair dryer, radio, telephone, etc.) inside or within five feet (5') of the bath.
- You are using attachments not recommended by the manufacturer.
- You have a medical history of heart disease, low or high blood pressure, circulatory system problems, or diabetes, consult with a physician before using a whirlpool.
- You are under the influence of drugs, anticoagulants, stimulants, antihistamines, vasoconstrictors, vasodilators, hypnotics, narcotics, or tranquilizers.

## ELECTRICAL CONNECTIONS

### READ AND FOLLOW ALL INSTRUCTIONS

All local state and national electrical codes must be observed by a licensed electrician in connecting power to the Whirlpool Pump.

### IMPORTANT SAFETY INSTRUCTIONS

**WARNING** - When using electrical products, basic precautions should always be observed, including the following:

**1. Circuit** - A separate circuit (not to supply any other electrical devices) is required as follows: Each electronic component (pump and heater) must be connected to a separate 120 VAC 15 AMP circuit.

**2. GFCI** - A Ground-Fault Circuit-Interrupter (GFCI) must be installed in the circuits which bring power to the whirlpool; do not omit. 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 electric shock. Do not use this unit. Disconnect the unit and have the problem corrected by a licensed electrician before using.

**3. Grounding** - Motors have a three prong electrical plug requiring a black (hot), white (neutral) and green (or bare copper for ground) wired circuit. A ground should be run from J-box receptacle to electrical house panel per code.

**4. Wall Switch** - A remote wall switch is required by many state codes. It must not be within 5 ft (1.5m) reach of a bather while standing in the tub and it must be mounted at a height to be out of the reach of small children. Not further than 10 ft (3.0m) away.

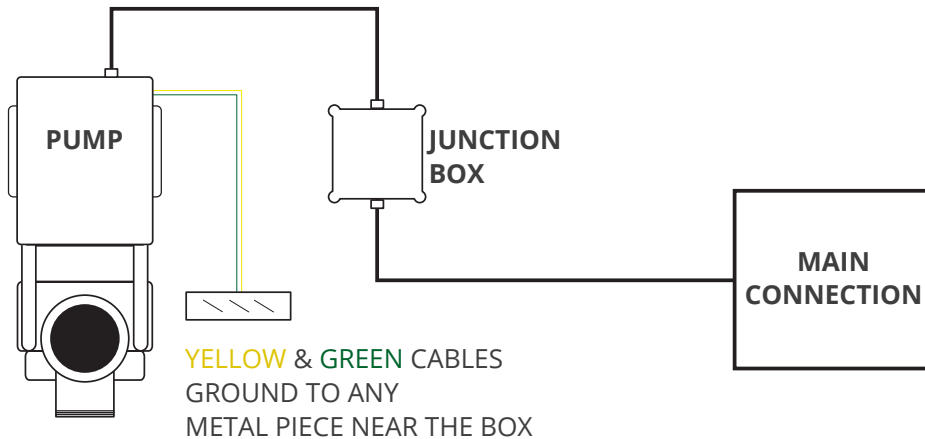
**5. Integral On/Off Switch** - For a Whirlpool System supplied with a motor that has an integral on/off switch - Make certain the air tube that is connected to the motor is also connected to the on/off button nipple under the deck in order for the system to function.

**6. Inline Heater (optional)** - Units equipped with an inline heater will be wired to our junction box.

## ELECTRICAL CONNECTIONS

### Whirlpool Component Breakdown

Electrical Requirements: 120VAC, 15 Amp GFCI outlet



- 15 amp. GFCI circuit.
- 110V Hardwire electrical service.
- SF: 1.00
- Volts: 100-120
- Hz: 60
- Amps: 4.8 - 5.8
- Kw: 0.5
- Hp: 0.75
- RPM: 3450
- AMB: 40°
- Rotating Speed: 3150r/2850r/min.
- Max Lift: 10m
- Max Flow: 12.2m<sup>3</sup>/h

### WHIRLPOOL CONTROL PADS.

- Control pads for our Whirlpool Jets and our Neck-Jet Massage System.



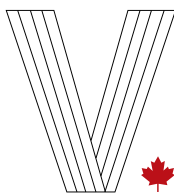
### ON/OFF

Turns on and off the pump  
**MAKE SURE THE WATER IS 1" ABOVE ALL JETS BEFORE TURNING THIS ON**  
*IF YOU TURN THE PUMP ON BEFORE THE WATER REACHES 1" ABOVE EACH JET IT CAN BURN OUT THE PUMP.*



### CONTROL SWITCH

The air control switch controls the amount of flow coming into jets



**VALLEY<sup>+</sup>**

*...you dream it, we create it*

***Congratulations! You are now a part of the Valley Acrylic family, and an owner of a great product!***