



ROYAL BATHS MANUFACTURING COMPANY, LTD.

**GENERAL INFORMATION
WHIRLPOOL BATHS**

1 About the product:

Our units are manufactured from Royal acrylic. They are designed to look good and give years of trouble free service. Constructed of durable acrylic materials for long life, the high luster finish of Royal Baths' tubs has a true resistance against algae, fungus, chemicals, fading, staining, abrasions, cracking, or blistering. The smooth acrylic finish does not allow textured pockets in which algae and fungus can cling, which makes cleaning/protecting the surface easier. You use only mild liquid cleaners for cleaning and bringing luster to the surface.

2. **Warranty:** Ten (10) year limited warranty on the tub finish and five (5) year limited warranty on whirlpool pump.
3. **Colors:** Per Samples
4. **Directional Hydro-Jet Colors:** Standard are Bone, Biscuit, or White. Optional if available at additional cost are Custom Colors, Chrome, and Polished Brass.
5. **Electrical:** 12-2 WIG (GPI breaker is recommended). Pumps connect by pigtail to regular household 120v which is furnished with the system.
6. **Pump location:** The pump is typically installed at the factory opposite the drain. Some exceptions do exist such as, Mediterranean VI, Victoria, Royal Twin, Fantasy, Sabine, and Royal Corner Models, which have side drains.
7. **Deck Fixtures:** Holes for deck fixtures can be drilled on the site by the person doing the installation using a 1 1/4" hole saw with pilot bit. Be careful not to damage corner deck support gussets.
8. **Equipment:** A half (1/2) horse power pump motor on all models with "quick" disconnect unions for fast service and hook up, six (6) directional/adjustable hydro-jets, two (2) air controls, and a pneumatic on/off switch for total whirlpool enjoyment.
All pumps, motors and connections are inspected prior to shipment to insure that the systems are in proper working order.

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INSTALLATION

Royal Baths' tubs are standard five (5) feet or six (6) feet in length and are easily installed by a plumber or other experienced individual. Royal Baths' tubs with whirlpool systems are delivered with a pneumatic on/off switch and are to be wired in accordance with National Electrical code and local codes. See additional electrical instructions for additional detail.

1. General:

All tubs must be supported properly with a ledger board on the wall and deck supports to prevent drooping. Tubs must also sit on an adequate bed of mortar to support full weight.

2. Sunken Applications:

Tubs should not be recessed more than 6" to 8" from floor level. Adequate clearance and accessibility is necessary for servicing the pump and jets.

3. Tub surroundings: **USE SILICONE CAULKING WHERE
TILE OR MARBLE MEET TUB TO
PREVENT LEAKAGE.**

A wide variety of applications are available ranging from acrylic, marble, tile or treated wood. Mirrors are also used frequently to expand and enhance the appearance of the installation.

4. Access to equipment:

Warranty on whirlpool pump and equipment is only valid where access, minimum 14"x14" opening, is available to service the unit.

5. Under normal usage, insulation around the tub and separate water heaters are not necessary since these systems are not considered to be spas or hot tubs.

MAINTENANCE

Acrylic, because of its superior qualities, is virtually maintenance free under normal usage. Should scratches occur, the use of 600 grit wet/dry sandpaper, an auto polishing compound, and an acrylic wax will quickly restore the tub to its original luster.

WHAT TO DO SHOULD A PROBLEM OCCUR

Royal Baths Manufacturing systems come with a ten (10) year limited warranty on the tub finish and a five (5) year warranty on the pump and motor. Under normal usage, the pump and motor will last for an indefinite period of time. The tubs system should never be run without water, as this can burn out the motor. Occasionally, articles from the bath water get into the pump system and clog the impeller. Most times this can easily be fixed using a screw driver to turn the impeller on the pump. Never attempt to repair the pump or any part of the system without first shutting the electrical power off at the circuit breaker. Additional information and replacement parts are available from our showrooms and distributors.



ROYAL BATHS MANUFACTURING CO., LTD.
IMPORTANT SAFETY INSTRUCTIONS

Instructions pertaining to a risk of fire, electric shock, or
injury to persons

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

1. **READ AND FOLLOW ALL INSTRUCTIONS.**
2. **DANGER:** To reduce the risk of injury, do not permit children to use this unit unless they are closely supervised at all times.
3. Use this only for its intended use as described in this manual. Do not use attachments not recommended by the manufacturer.
4. Never drop or insert any object into any opening.
5. Do not operate this unit without the guard over the suction fitting.
6. 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.
7. (For a permanently connected units) A green colored terminal (or a wire connector marked "G", "GR", "Ground", or "Grounding") is provided within the terminal compartment. To reduce the risk of electric shock, connect this terminal or connector to the grounding terminal of your electric service or supply panel with a conductor equivalent in size to the circuit conductors supplying this equipment.
8. **SAVE THESE INSTRUCTIONS**

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ELECTRICAL INSTRUCTIONS Important Safety Instructions

All wiring must be performed by a licensed electrician in accordance with the National Electrical Code* and all other local codes, and that building materials and wiring should be routed away from the pump body or other heat-producing components of the units.

PUMP — Check internal motor connections to match supply voltage.

BONDING — The motor frame should be bonded by a No. 8 A.W.G. solid copper conductor attached to the bonding lug on the motor.

ELECTRICAL WIRING — The pump should be installed by itself on a branch circuit with a maximum 50 foot run of #12 A.W.G. copper wire, or a 100 foot run of #10 A.W.G. wire.

GROUND FAULT INTERRUPTER — A ground fault interrupter **MUST** be used on all installations. A single-pole 20 amp breaker designed for use in 120 VAC circuits should be located in a **service box** between the voltage supply and the pump. **THIS SAFETY DEVICE MUST BE USED ON ALL INSTALLATIONS.**

OPTIONAL — We recommend the installation of a separate concealed ON/OFF switch to prevent children or visitors from running the whirlpool circulation system without water in the system. "Dry Running" the pump will cause pump damage and void the warranty.

***PLEASE REF. THE NATIONAL ELECTRICAL CODE FOR ELECTRICAL REQUIREMENTS**

Please save All Safety Instructions

