



# ROYAL BATHS MANUFACTURING COMPANY

## 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

