

ISC - Illuminated Switch Control
Models: ISC-100 / ISC-125 / ISC-150



ICS-100



ICS-125



ICS-150



ICS Control Box

Your BWG ISC is an illuminated, solid state, soft touch on/off switch with a built in 20 minute time delay feature and an optional water sensor.

The ISC has been specifically designed to enhance the enjoyment of your whirlpool bath.

Please read and follow all instructions carefully.

IMPORTANT SAFETY INSTRUCTIONS

You should have received safety instructions with your whirlpool bath system. Please read and follow them carefully.

ISC FEATURES

- Soft touch on/off single speed pump control
- Illuminates when pump is running
- Escutcheons available in popular colors and plated finishes
- 20 minute run timer with manual override
- Optional water sensor- ISC is inoperable until tub filled to proper level
- Rated 120v, 60 Hz, 15 amps

ELECTRICAL INSTRUCTIONS

WARNING – RISK OF ELECTRICAL SHOCK: All electrical connections must be accomplished by a qualified electrician in accordance with the National Electric Code and any local codes. In addition, a GFCI **MUST** protect all branch circuits to the whirlpool, and every electrical component **MUST** be grounded.

INSTALLATION INSTRUCTIONS

1. Insert the AC (NEMA) plug on the ISC into a standard AC electric outlet.
2. Plug the Nema power cord from the pump into the bottom of the ISC.
3. ISC-100 and ISC-125 Drill a 1-5/16" hole and insert soft touch button and secure from underside with nut.
4. ISC-150 Drill a 1-1/2" hole, peel back protective film from adhesive on underside of soft touch button and insert in bottom hole.
5. Plug the soft touch button onto the 3 pins in position 2 on front of ISC control box.

INSTALLATION INSTRUCTIONS FOR OPTIONAL WATER SENSOR

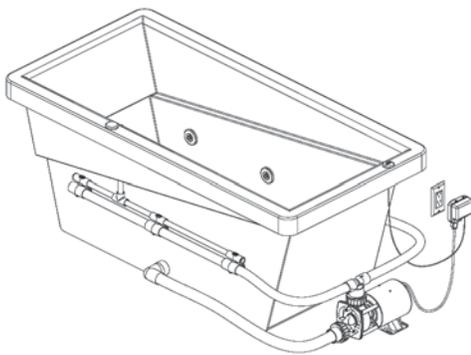
1. Remove jumper from position 3 on the ISC control box and plug water sensor onto the 2 pins.
2. Using stainless steel screws secure one ring of the water sensor to the suction line and the other ring to the water pressure line off the pump discharge (top of the pump).

OPERATION INSTRUCTIONS

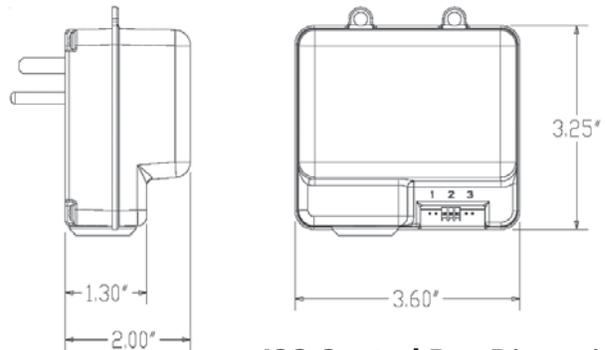
1. **TURNING SYSTEM ON** - Press the On/Off control to start the pump. The pump is factory set to run automatically for 20 minutes. The built in timer will turn off the pump unless manually turned off first.
2. **TURNING SYSTEM OFF** – Pressing the On/Off control will turn the pump off.
3. The ISC illuminates when the pump is active.
4. **OPTIONAL WATER SENSOR** –If your system is equipped with this option it will prevent the pump from activating if the water level is below the sensor.

TROUBLE SHOOTING

- Pump doesn't Activate - No Power - Plug a light into wall socket to test.
-Defective ISC - Plug pump into wall socket to test.
-Defective pump - Plug pump into wall socket.



Typical Installations



ISC Control Box Dimensions

