

Electric Immersion Baptistry Water Heater

Model IM 240V – 240 Volts/Single Phase

READ THIS FIRST

Caution!! Before plugging in the IM 240V heater, you must make sure the the receptacle is connected to a GFIC (Ground Fault Interrupter).

Electrical requirements: The IM 240V heater come with a 6' cord and plug. Along with the GFIC you will need to have a 30 amp, 240V rated receptacle equal to 5372 Leviton (for flush mount) or 5376 Leviton (for surface mount).

Installation and Operating Instructions

NEVER TURN HEATER ON UNLESS BAPTISTRY IS FULL OF WATER!

1. Fill baptistry with water to required level. The water level should be 12" below the control box. **THE CONTROL BOX SHOULD NEVER BE IMMersed INTO THE WATER.** Also the lower 24" of the heater must be immersed in water when it is turned on or it can overheat and burn out, cause bodily harm, or can become a fire hazard.
2. Mount the heater into the baptistry, securing it using the brackets provided (see illustration on back) with the heater unit. The unit can be mounted in the middle, end or side of the baptistry. The heater must be securely mounted to prevent the electrical box from making contact with the water.
3. Plug heater into a 240V GFCI receptacle (see wiring diagram on the following sheet) and set desired baptistry temperature on the thermostat dial. The signal light glows only when heating element is energized. When the desired temperature is reached the signal light will be off.
4. Prior to the baptismal service the baptistry heater should be turned off, unplugged and removed from the baptistry.

CAUTION! *There should be no body parts in contact with the baptismal water while the heater is in the water.*
CAUTION! *This will guarantee protection from the danger caused if an electrical short circuit were to occur in the baptistry heaters electrical system.*
CAUTION!

Instructions for Removing the IM 240V Heater from the Baptistry water:

REMOVE THE IMMERSION HEATER BEFORE ENTERING THE BAPTISTRY

1. Unplug the IM 240V heater from the electrical source.
2. WAIT at least 2 minutes before removing the heater from the baptistry. This is allowing the heater elements to cool.
3. After the removal of the heater you can then drain the baptistry. DO NOT DRAIN BEFORE REMOVAL.

MAINTENANCE SCHEDULE:

1. Overheating of the the elements can happen due to minerals being built up. To remove these minerals, simply wipe the heating rods of the heater down with your normal household white vinegar. This should be done every 90 days.

Hi – Limit:

If the thermostat should fail and its contacts stick in a closed position, the heating element will continue to heat the baptismal water to about 117 degrees F. At this temperature the Hi-Limit will open and turn the heating element off. After repairing or replacing the thermostat the Hi-Limit can be manually reset.

Questions? Call ChurchRite at 540-488-9400

See wiring diagram and important safety information on the follow page

Baptistry Heat-Up Times

The IM 240V will heat 90 Gallons Per Hour (30 degrees F temperature rise). On average the heater can heat a 750 to 1,000 gallon baptistry in about 9 to 11 hours, or one-half this time with a 15 degree F temperature rise. The IM 240V heater can operate on 120 volts, however the power will be reduced.
(A 120V MODEL IS ALSO AVAILABLE.)

Two IM 240V ChurchRite baptistry immersion heaters could heat the water in one-half the time.

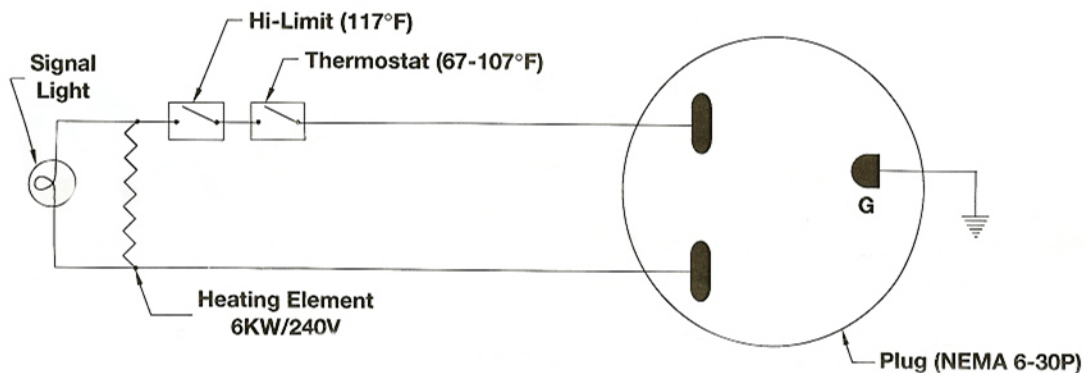
CAUTION:

Under NO circumstances should this heater be turned on unless the system is full of water. Without water the heater coil can burn out quickly and also damage the thermostat control. Our warranty is void under these circumstances and we will assume no responsibility for damage to the heater, associated equipment or other damages.

WARRANTY:

The entire heater is guaranteed for one year against manufacturing defects. Customer tampering, including misuse, using the heater without first immersing it in water, failing to use a GFCI protected outlet, or failing to follow the normal maintenance schedule, voids the warranty.

Wiring Diagram - Internal Electrical Connections



Important Safety Information

Prior to the baptismal service the baptistry heater should be turned off, unplugged and removed from the baptistry. This will guarantee protection from the danger caused if an electrical short circuit were to occur in the baptistry heaters electrical system.

WARNING: Hazard of Electric Shock. Disconnect power to heater before servicing. Installation must be grounded to earth and heater connected to line input through properly sized GFI circuit breaker.

CAUTION: Consult a professional licensed electrician before installation and use.

IMPORTANT

Before using the water heater you must attach the mounting bracket on properly so the heater will sit over the side of the baptistry correctly. Correct position is shown in the photo to the right.

Register your warranty at
ChurchRite.com

