

Instructions for the 4.8kW Baptistry Heater



- **THE HEATER SHOULD NOT BE USED BY ANYONE WHO HAS NOT READ AND UNDERSTOOD THESE INSTRUCTIONS.**
- The appliance is not to be used by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction. Children (or persons with reduced physical, sensory or mental capabilities) must not be left unattended with the appliance.
- The appliance is not intended to be operated by means of an external timer or a separate remote-control system.

This heater is intended heat up to c.4800 litres of water in indoor baptistries. This is a dual heater, hence the need for a 32A commando plug. Minimum / maximum depth of immersion 30cm / 100cm above the element box. Max altitude of use 2000m. Ratings: 230V / 2.4kW / 50Hz.

The heater is designed to heat the water in baptistries where a hot water supply is not available. The length of time it takes to heat the water can vary *markedly* from one to church to another **cf. Tips & Ideas** overleaf. Allow at least 8-12 hours to heat the water.

Place heater in the pool. **DO NOT PLUG IN & SWITCH ON UNTIL WATER COVERS THE HEATER.** The heater element box must sit flat on the pool floor. The *top* of the heater element box must be under not less than 15cm of water. Maximum depth of use 100cm.

The control box must be kept as far away from the water as possible (not less than 1m) and is not to be immersed.

The minimum & maximum temperatures are 30 and 40 degrees Celsius. Set the thermostat to between $\frac{1}{2}$ or $\frac{2}{3}$ way round. Place covers over the pool. The convection currents created should 'stir' the water. In large or elongated baptistries it may be necessary to stir the water occasionally.

Remove heater before anyone gets into the baptistry.

IMPORTANT: BEFORE REMOVING HEATER FROM WATER: SWITCH OFF, REMOVE PLUG AND WAIT AT LEAST 5 MINUTES to allow the heater to cool.

Take particular care if testing the heater in sinks, baths or small tubs.

Do not leave the heater plugged in when not in use

After unplugging, the heating element will remain hot and should not be touched or placed on combustible surfaces.

NB: THE CONTROL BOX MUST NOT BE IMMERSSED IN WATER.

In case of query, please telephone 0345 230 1381 07824 990 344. All servicing to be undertaken by BaptistryUK.

Tips and Ideas for the Heater



Our heater instructions give basic advice for everyone and must be read and followed. However there is a wide variety of circumstances which our customers face for which instructions cannot cater. So here as a supplement are some tips and ideas borne out of our experience of using the heater in a variety of circumstances.

Different buildings have different water sources, and different kinds of baptistries. How warm your church is, the time of year, how your baptistry was built, your water pressure etc can all affect the length of time it takes to heat the water in your baptistry and its effectiveness in retaining heat.

The pool will take about 8-12 hours to warm from cold mains water. These tips and ideas are here to help you think of the best way to make this heater work most effectively in your situation. **The heater is not to be left on or plugged in unattended.**

1. You can have the heater in the baptistry and running as soon as there is enough water to cover the box containing the elements. This is the most important time to add any additional hot water you have, as this will enable the heater to work at its optimal level.
2. The baptistry can then be filled with whatever temperature of water you have available. If filling with cold, it is a positive advantage to take your time filling it (especially if you have some hotter water at the bottom with the heater working away in it). With the water heater already working away, it can heat a smaller amount of cold water quicker than a larger amount, and as more water comes into the pool this will mix with the warmer water and the heater can continue to work at its optimum level.
3. Speaking of mixing. The bigger and more elongated the baptistry, the more important it is to stir the water thoroughly to avoid the heater heating a small column of water to 37 degrees and then switching off leaving the rest of the water rather chilly!
4. Heat loss can be a key factor in some churches. It may not be possible to do much about it in some cases but it is something to think about e.g.
 - Covering the baptistry with a floating insulating cover, tarpaulin or wooden top - or even sheets and blankets to reduce heat loss.
 - Think about the temperature of the church or the area containing the baptistry itself, heat loss is greatest when the differential between the two temperatures is greatest!
 - Long term insulating solutions may be needed if heat loss is a major problem. Talk to us if this is a problem for your baptistry.

The power LED display may not show as these can get dislodged if jolted. If bubbles come from the heater box, it is working.

**These tips are enhanced by the experience of our customers, so comments are most welcome!
NB Heaters are PA Tested annually one month before Easter.**