

## 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 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 maybe needed if heat loss is a major problem. Talk to us if this is a problem for your baptistry.

**These tips are enhanced by the experience of our customers, so comments are most welcome!**