For the long-term reliability of water baths it is important to use oxygenated water that is free from ions and minerals that can cause corrosion of stainless steel. We recommend the use of distilled water and deionized water from modern ion exchange systems that do not use salt back flushing to regenerate the ion-exchange cartridges.

Stainless steel is protected from corrosion by a layer of chromium oxide. If the layer is damaged, oxygen present in water can reform the oxide layer. If the water is still or de-oxygenated, and the oxide layer is damaged, ions can corrode the stainless steel tank. If a water bath has been unused for some time, or water boiled, we recommend changing to fresh distilled water or correct deionized water.

Water normally contains calcium or magnesium ions. Deionized water has most ions removed as indicated by its conductivity level; the purer the water the lower the conductivity.

It is important to use only deionized water from an ion exchange system with replaceable cartridges.

The temperature of the bath liquid can be set using the **S** button

Whilst the display is showing the bath temperature, press the **S** button. This will cause the display to flash indicating that it can be set.

Use the main dial to set the desired temperature.  If no key is pressed for 10 seconds then the display will revert back to showing the bath temperature and the set temperature will remain at its original value.

Press the **S** button to store the requested value and the display will revert to showing the bath temperature.  If the temperature selected is higher than the current liquid temperature, the heater light will come on.

For the full list of feature's refer to the manual that is supplied with the pump.



Alarm light
Heater on light
Over Temp dial
Function button
Section button
Pump outlet plate
Control dial
Float switch

60.0 °C