

RENMAR

How Our Mould Heaters Operate?

The unit is very simple in operation.

It requires cooling water to pass the pump circuit at a minimum of 16PSI to enable the pump motor to energise, once this has happen the pump circulates the water into the heater stack chamber where it then passes out through to the process.

The circuit is recycled until desired temperature is reached, this can be adjusted manually to increase temperature as required, then the unit will hold this temperature +/- 2 degrees. Should the unit require a drop in temperature made by changing the set temperature will allow the hot water to be return to the cooling circuit via a solenoid operated valve, whilst introducing cold/chilled water into the circuit from the cooling supply until the desired lower temperature is achieved. Once again when this has reached the set point it will simply act as a circulating circuit again with the +/-2 degree control.