

## **Underfloor Heating Controls**

**Data Sheet 11**  
***Controls***

USL offer an extensive range of controls to suit both residential and commercial applications. Detailed below is our standard range of control components.

### **Wiring Centres**

#### ***UH1 - Wiring Centre***

The UH1 is used in conjunction with up to 8 x 12v network thermostats. The UH1 provides central switching and is ideally situated next to the manifold. 230v actuators can be controlled as well as providing an output for a hot water cylinder, system boiler, pump, additional radiator or towel rail circuits. The UH1 provides connections for our central keypad or PC when used as part of a network system.

#### ***FH – Wiring Centre***

The FH is used in conjunction with up to 8 x 230 volt standard and tamperproof thermostats. The FH provides central switching and is ideally situated next to the manifold. The FH wiring centre incorporates 2 heat demand relays which are activated whenever one or more zones are calling for heat. These relay contacts are used to control the pump and to start the boiler or send a volt free signal.

Wiring Centres are also available in 24 volt and Wireless options

### **Room Thermostats**

#### ***T6360 - Standard Room Stat***

The T6360 is a main voltage room thermostat designed to give automatic temperature control of wet underfloor heating systems. It has a dual diaphragm temperature sensing element, anticipator for close control and RFI suppression. The T6360 thermostat can also be used for cooling applications.

#### ***T6360B – Tamperproof Room Stat***

As the T6360 standard model but with a tamper resistant cover and setting dial.

#### ***PRT - Programmable Room Stat***

The PRT is a 5/2 day programmable room stat providing up to 4 different temperatures at different times of the day allowing you to program the temperature required according to the occupancy of your home.

#### ***RET230-LSA - Remote Sensing Room Stat***

RET230-LSA is a main voltage room thermostat with remote sensing for either floor temperature detection or adjacent room detection such as bathrooms and wet areas.

### **Thermoelectric Actuators**

USL thermoelectric actuators are a 2 wired head with a wax thermostat element. The actuator is normally closed and is available in 230 volt and 24 volt options.