



Surface Heating & Cooling Specialists

CONTROLS

230V UNDERFLOOR HEATING CONTROLS

FH-WC 230V WIRING CENTRE

The FH-WC 230V wiring centre can control up to 8 room thermostat zones and has 2 relays to control the circulation pump on the distribution manifold set and an interlock relay with the boiler or heat source to demand hot water for the underfloor heating system and allow the boiler or heat source to switch off when there is no demand from the underfloor heating.



THERMAL SURFACES

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Thermal Surfaces can provide a variety of underfloor heating controls to suit different applications and integrate with the many different types of building's environmental systems. The enclosed information is on the Thermal Surfaces 230V standard range of room thermostats that are ideally suited to residential properties.

WT-D 230V mains powered digital display room thermostat



The WT-D is a 230V mains powered digital display room thermostat with large temperature display, back light and floor heating 'on' indicator as shown in the image above when the room thermostat is calling for heating to the room thermostat zone. This room thermostat can have an optional floor sensor connected to it to control the floor temperature. It requires an additional tamper proof night set-back sensor if a night set-back facility is required.

THERMAL SURFACES

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WT-P 230V mains powered digital display programmable room thermostat.



The WT-P is a 230V mains powered digital display 5 day / 2 day programmable room thermostat with large temperature display, back light, day, time and floor heating 'on' indicator. This room thermostat can have an optional floor sensor connected to it to control the floor temperature. It can be used as a conventional on/off room thermostat or as a programmable room thermostat with time and temperature control for weekdays and weekend. It has an optimum start feature when used as a programmable room thermostat, which will learn the most accurate time to turn on the underfloor heating to reach the programmed temperature set-point at different times. The ability to program different temperature set-point at different times allows the user to operate the underfloor heating with a night set-back strategy.

THERMALSURFACES

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WT-T 230V mains powered dial room thermostat.



The WT-T is a 230V mains powered dial room thermostat with large temperature adjustment dial and indicator light as shown when the room thermostat is calling for heat. This room thermostat is a lower cost option to the digital display room thermostats. The WT-T room thermostat is air sensing only and cannot be connected to a floor sensor. It also requires an additional tamper proof night set-back sensor if a night set-back facility is required.