

UNDERFLOOR HEATING

Wiring & Control Centres • Room Thermostats

Wiring and Control Centres

The UH-1 wiring centre integrates controls for underfloor heating, as well as domestic hot water and radiators.

The unit is particularly useful where mixed systems are installed.

The wiring centre can be upgraded to allow for centralised control of programmable thermostats. A model is available that allows for offsite interrogation and switching.

The wiring centre incorporates LED's allowing for fast, efficient system commissioning, ongoing monitoring and problem solving.

The UH-1 wiring centre and RT-N thermostats (see below) are 12v and only require CAT5E cabling. In certain circumstances this allows a room thermostat to be sited in a bathroom. The unit can also be linked to a computer system via the internet, thus allowing remote access and control of a heating and domestic hot water system.

UH-1

The UH-1 allows connection between room thermostats and actuators controlling underfloor heating circuits. Up to 8 zones



can be controlled. The unit also provides switching for the boiler and has the ability to control the Domestic Hot Water and radiator circuit. The UH-1 has LED's that show zone and fuse status.

UH-1M

The UH-1M is a smaller 4 zone unit. The thermostats are 240V rather than 12V as with the UH-1. The unit is designed to control smaller manifolds. The UH-1M only allows the UFH system to come on when the boiler is 'ON'.



TR-1

Addition of an OSMA TR-1 Telephone



Remote Control unit enables a heating system to be interrogated, monitored or adjusted from a remote location, via a telephone/internet line.

MC-1

By connecting an OSMA MC-1 unit



(Master Keypad) to the UH-1 up to 16 RT-N low voltage thermostats can be controlled from one central point. From the central keypad, each thermostat can be programmed, giving easy management of the comfort levels throughout a building.

Room Thermostats

OSMA Underfloor Heating can supply a range of proprietary thermostats in addition to its own range.

The OSMA range of thermostats are 12V and can be situated in areas where 240V thermostats are unsuitable. The range includes controls for domestic hot water, radiators systems and for in-floor temperature control.



OSMA large format LCD room thermostat

RT-N

A unique multifunctional "dual mode" thermostat. This unit can be set to work as a simple digital thermostat or switched to become a fully programmable thermostat. In addition the unit features frost protection modes and can be locked to avoid unauthorised adjustment.



PRT-NR

Where control over the floor surface temperature is also necessary the PRT-NR works in conjunction with a remote floor sensor. The thermostat can be programmed to switch off the heating when the floor sensor reaches the set point.



RM-1

A hand held remote control is available for use with any of the OSMA room thermostats.

