

Underfloor Heating Controls

Data Sheet



Complete range of electronic controls and programmable thermostats. For the control of up to 8 UFH heating zones.

Description

- Wiring centres to control multi-zone heating networks
- Linked to room temperature thermostats that operate thermo-hydraulic actuator heads on the Return port for each circuit
- Choice of 12V network or 230V mains

Applications

- To control up to 8 UFH heating zones in housing extensions and in new-build houses and flats
- One zone may be assigned to control a conventional radiator circuit
- May include control of Domestic Hot Water supply

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System Features

- Easy wiring: no special tools required
- Control Centres incorporate output control terminals for Boiler, Pump and Domestic Hot Water
- Output available for conventional radiators/towel rail control
- Circuits can be controlled separately or together as preferred
- Wiring Control Centres are safety fused
- Wireless and PC-controlled options also available (details on request)
- Room thermostats available in 3 plastic finishes: Silver*, White, Brass*
**manufactured to order*

Principal Units

- Supplied as
- For 12V control system*
- Control Centre (up to 8 zones) **UH-1**
 - Programmable LCD Thermostat **RTN-V2**
or (including Domestic Hot Water) **PRT-HWNV2**
 - Master Touch Pad Unit **OTP**

For 230V control system

- Control Centre (up to 4 zones) **UH1-M**
- Programmable LCD Thermostat **PRT-M2**
or (including Domestic Hot Water) **PRT-HWV2**
- Dial Thermostat **RMT230**

Ancillary Components

For 12V control system

- Up to 30m cable runs: Cat 5e cable
- Up to 100m cable runs: Beldon 9538 cable

For 230V control system

- Standard 3-core thermostat cable

Installer Tools Required

- Drill and plugs
- Screwdrivers (as appropriate)
- Wire stripper/cutter

Installation Principles

- 1** Ensure power supply isolated/switched OFF
- 2** Identify suitable locations for
 - Control centre and
 - Room thermostats
- 3** Mount individual units in position
- 4** Make cable connections
 - From Control Centre to each thermostat
 - From Control centre to boiler
 - From Control Centre to manifold pump and actuators on Return valves
 - From mains power supply to Control Centre. **Safety Note:** *Installation work requiring connection to mains electricity supply must only be carried out by a qualified electrician*

*For detailed installation procedures, visit www.osmaufh.co.uk or call **01392 444122** to request an OSMA UFH Pocket Installation Guide*

Key Benefits

- Straightforward connections
- Simple, convenient operation
- Programmable units
- Easy to create and install control system tailored to individual location/preferences
- Low voltage 12V system available

Need more information and assistance?

Ask for straightforward guidance from people who really understand UFH

Call us on: **01392 444122**

go to: **www.genius-ufh.co.uk**



Wavin Plastics Limited
Parsonage Way
Chippenham
Wiltshire SN15 5PN
Email: info@osmaufh.co.uk

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