

**IMPORTANT NOTE: ALL THERMOSTATS ARE FLUSH MOUNTED AND REQUIRE A 35mm SINGLE GANG WALL BOX FOR INSTALLATION. THIS DRAWING IS PURELY INDICATIVE AND DOES NOT REPRESENT THE EXACT INSTALLATION FOR THIS PROJECT.**

neoSTAT CONTROL -  
 UH8 WIRING CENTRE (V3-UFH, RADS & DHW)  
 neoSTAT, neoSTAT HW  
 (BOILER - VOLT FREE DEMAND)

**NOTES TO ELECTRICIAN:**  
**NOTE 1 - LIVE LINK CONNECTIONS**  
 All links shown between 'L' and 'A1/B1/COM' terminals must be fitted as shown and labelled accordingly.

**NOTE 2 - OPTIONAL UFH ZONE VALVE**  
 These connections are for opening a zone valve serving the UFH manifold. As our system does not require a zone valve on the UFH circuit, the 'Gr' and 'Or' terminals must be linked out as shown.

**NOTE 3 - MANIFOLD ACTUATORS**  
 The manifold actuators come pre-fitted with a 2 core cable. These must be connected as shown. A maximum of 4 actuators can be connected to each zone output (i.e. maximum 2 cores per 'L' and 'N' terminal)

**NOTE 4 - neoSTAT with REMOTE PROBE FOR WET ROOM**  
 The neoSTAT will be wall mounted outside the 'wet room'. The remote sensor will be wall mounted inside the 'wet room'. The remote probe will be connected to terminals 'L' & 'RT2' in the neoSTAT as shown - this connection is not polarity dependant. The probe is pre-fitted with a 3m length of 2 core cable. If required this can be extended using a small junction box - continuity across the connections must be maintained. The probe will be installed inside a blank sensor case within the 'wet room'.

**NOTE 5 - BOILER CONNECTIONS**  
 The connections used to fire the boiler are shown as volt free. All connections at the boiler must be made in accordance with the manufacturer's instructions.

**NOTE 6 - neoSTAT HW THERMOSTAT**  
 The neoSTAT HW must be supplied with a 230V mains supply. The neoSTAT HW must also be connected to the DHW cylinder high limit stat, using the 'NC' terminal, with a 2 core cable as shown. The high limit stat must then be connected to the DHW cylinder zone valve (N.B. these connections must comply with G3 regulations). The auxiliary contacts on the DHW zone valve must be connected to the boiler enable contacts at the boiler. The mains neutral and earth connections for the DHW zone valve must be connected to a fused 230v mains supply.

**NOTE 7 - RADIATOR CIRCUIT CONTROL**  
 A neoSTAT installed in an area being heated via radiators is used to control the time and temperature of the radiator circuit. This thermostat must be wired into the connections for 'ZONE 8'. The slide switch inside the UH8 wiring centre must be set to 'RAD'. The radiator circuit zone valve must be connected to the 'L' and 'N' of 'ZONE 8 OUTPUT' terminals in the UH8 wiring centre. The auxiliary contacts must be connected to the 'BOILER ENABLE' terminals in the UH8 wiring centre. The radiator zone valve must have an earth connection (this could be connected to the 'E' terminal in the UH8 wiring centre as shown)

**IF YOU HAVE ANY QUERIES REGARDING THE INSTALLATION OR SET-UP, PLEASE DO NOT HESITATE TO CONTACT OUR OFFICE.**

- CABLES REQUIRED FOR INSTALLATION:**
- 230V 1.5mm<sup>2</sup> 3 CORE & EARTH (earth core not used)
  - 230V 1.5mm<sup>2</sup> 2 CORE & EARTH
  - 230V 1.5mm<sup>2</sup> 2 CORE & EARTH (earth core not used)
  - 230V 1.5mm<sup>2</sup> 2 CORE & EARTH (earth & brown cores not used)
  - 230V 1.5mm<sup>2</sup> 2 CORE & EARTH (earth & blue cores not used)

**PRE-FITTED CABLES:**  
 The manifold actuators and zone valves come with pre-fitted cables. If these cables have to be extended, please ensure that continuity is maintained across all colour coded connections.

**ALL MAINS VOLTAGE COMPONENTS, CONNECTIONS AND WIRING MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN.**

**THE INSTALLATION MUST BE COMPLIANT WITH CURRENT REGULATIONS, BS 7671 & IEC 60364.**

