Thermostat Grouping

The thermostats can work as individual units or in groups. There can be up to 2 groups of thermostats per wiring centre. In order to work in groups the communications cable must be connected to the wiring centre communications terminals (+ & -). The (-) terminals are common to all thermostats. In order to assign the thermostat to group 1 or 2 then the communications cable + must be connected to the relevant 1 or 2 + terminal.

Motorised Valves, Pump, Boiler & Stat Connections

Optional Cylinder Thermostat: If connecting the cylinder thermostat directly to the timer then a link needs to be fitted between IN and OUT.

Optional Hot Water Motorised Valve: Used if timed hot water is required.

Optional Overheat Thermostat: Used for connecting a pipe thermostat to prevent over temperature water damaging sensitive floors. Remove the link and connect the pipe thermostat so it is Normally Closed. The pipe stat will open if overheating occurs and the UFH pump will stop running.

Optional Boiler Enable: This Volt Free connection must come from the boiler thermostat connection, when any zone calls for heat the Boiler enable will close causing the boiler to run. If work is being carried out on the boiler then power to and from the switch will cease. (Do not connect to the boiler IN terminal by linking a 230V feed from the wiring centre)

Optional UFH Motorised Valve: If a UFH motorised valve is fitted then remove the link between OR and GR.

Optional Heat/Cool Changeover: This connection allows heat/cool changeover of all thermostats using a single external switch (installer supplied).

Switch: Open-Heating Closed-Cooling

Hot Water Connections

If hot water is part of a group then the communication connection must be connected to group 1.

Actuator Connections

Actuator connections corresponding to the thermostat connections. Up to 2 cables can be used in each connection (4 actuators per Zone) if more, that number needs to be connected, then an external junction box will be needed. A maximum of xxx actuators can be connected to a zone in this manner.

Service Connections

Sensor Terminals

Can be used for external AIR, Floor sensor when configured as thermostat. Can also be used for cylinder thermostat when connected for HW.

Optional Cylinder Thermostat:

If connecting the cylinder thermostat directly to the timer then a link needs to be fitted between IN and OUT as shown by arrow.

When using option 2 refer to device parameters on page xx of the manual.

Option 1
Connect Cylinder Thermostat to wiring centre

Option 2
Connect Cylinder Thermostat to RF Thermostat for wire free connection. A link will be needed between IN & OUT as shown by arrow.

If hot water is part of a group then the communication connection must be connected to group 1.

Hot Water Connections

Option 1
Connect Cylinder Thermostat to wiring centre

Option 2
Connect Cylinder Thermostat to RF Thermostat for wire free connection. A link will be needed between IN & OUT as shown by arrow.

When using option 2 refer to device parameters on page xx of the manual.