

COMBINED HOTWATER & PROGRAMMABLE ROOM THERMOSTAT (Max 2 per Touchpad)



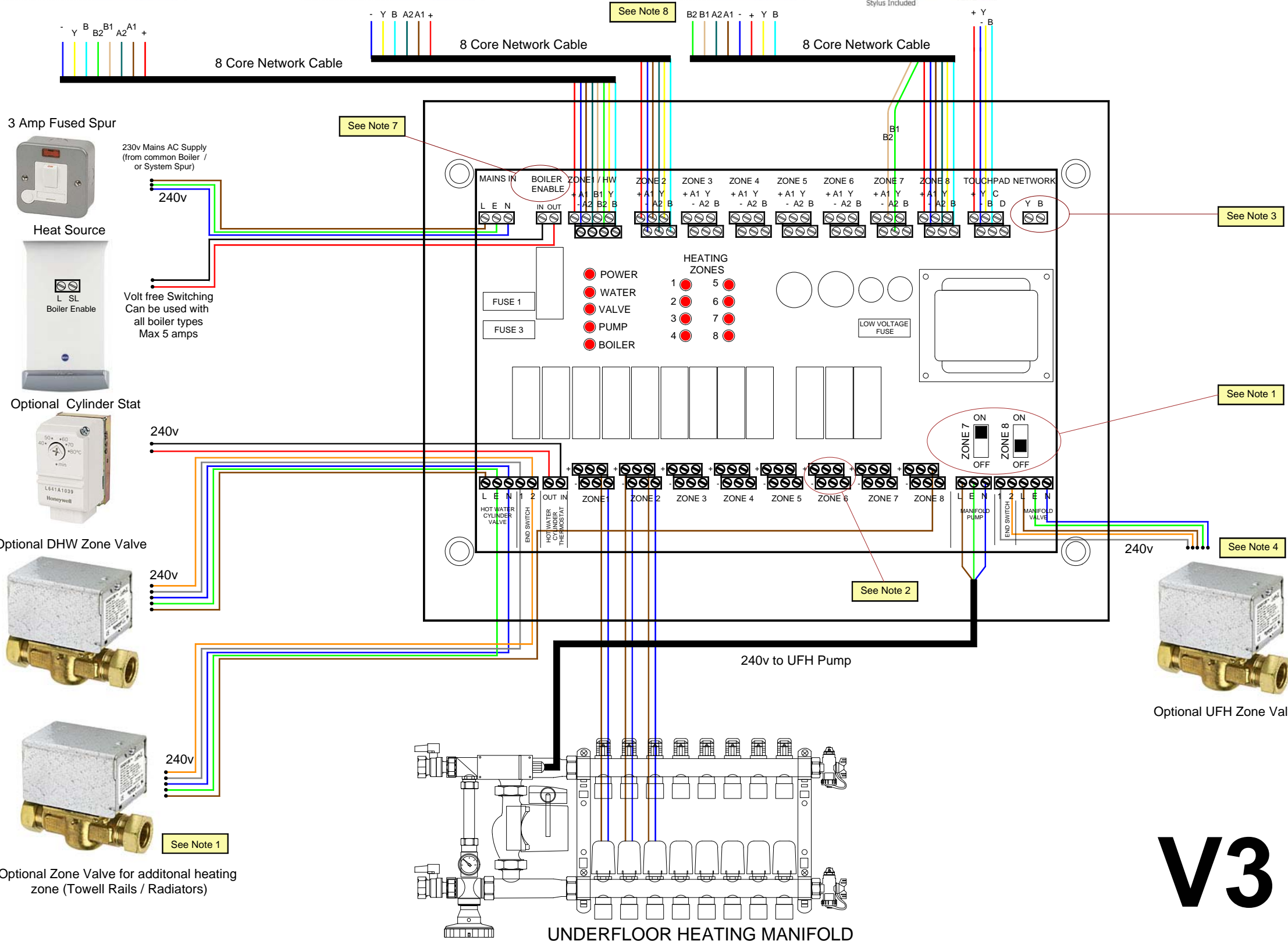
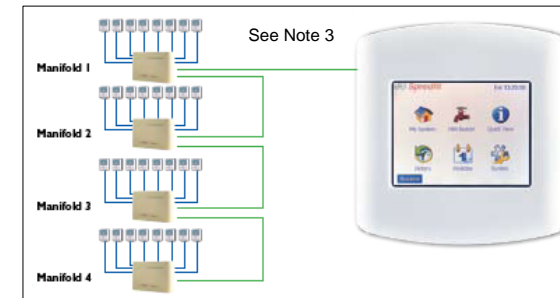
PROGRAMMABLE ROOM THERMOSTAT (UFH)



TWIN CHANNEL PROGRAMMABLE ROOM THERMOSTAT



JG TOUCHPAD



Notes

Note 1
When using Zones 7 or 8 for controlling radiator circuits instead of UFH, the switch on the zone must be in the OFF position to prevent the UFH pump from operating.

This will result in fewer zones being available for UFH.

The Zone Valve is activated by connecting the demand wire (normally brown) to the positive terminal of the appropriate actuator connection as shown.

Note 2
Up to 2 Actuators can be connected to the same terminal. ie max 6 actuators per zone block.

Note 3
Network Connection to Other JGUH1 wiring centres. Boiler Enable to be wired in parallel. When using shielded CAT5e cable, connection to "Y" & "B" must use 2 wires from one twisted pair to reduce external interference.

Note 4
Optional UFH Manifold Zone Valve used only to prevent flow of water to manifold when UFH is off and another circuit is in operation.

If Zone Valve is not used a link needs to be placed between motorised valve connections marked 1 & L to enable boiler firing,

Note 5 - Fuses
Fuse 1
Power Supply (5 Amp)

Fuse 2
Power Supply to LV Transformer (800ma Time Delay)

Fuse 3
Low Voltage (800ma Time Delay)

Note 6 - Network Cable
Two Types are available

- a) **Cat 5e-ftp**
8 Core Shielded Network Cable (Max 30m Run)
- b) **Beldon 9538 Cable (Recommended)**
8 Core Shielded Network Cable (Max 100m Run)

Note 7
When more than one JGUH1 is used in an installation the boiler enable terminal must be connected to the boiler from each individual wiring centre.

Note 8
When using the twin channel thermostat only one connection is required to (+) & (-) and only one comms connection (y) & (b).

(A1) & (A2) is the relay for the room the stat is located and (B1) & (B2) is used for the second room to be controlled.

Therefore, (B1) & (B2) are used for switching an adjacent relay.

V3 / TS

JG Speedfit
JG Speedfit Ltd., Horton Road West Drayton, Middlesex, UB7 8JL
Tel: 01895 449233
Fax: 01895 420321
www.speedfit.co.uk
ufh@jgspeedfit.co.uk
Technical Helpline 01895 425333
Electrical Installation Helpline 01294 776343

JGUH1 Wiring Diagram With Network TS-PRT (V3)

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