

**NOTES**  
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**UNDERFLOOR HEATING CONTROLS**  
 WE RECOMMEND THE MOUNTING OF THE WIRING CENTRE WHERE IT CAN BE EASILY ACCESSED FOR MAINTENANCE AND NEAR THE MANIFOLD, BUT NOT IMPEDING ACCESS TO THE MANIFOLD AND COMPONENTS. WE RECOMMEND THERMOSTATS ARE MOUNTED ON INTERNAL WALLS AT A HEIGHT OF 1.5 METERS. THEY SHOULD BE MOUNTED OUT OF AREAS OF STRONG SUNLIGHT AND AWAY FROM SOURCES OF HEAT OR DRAUGHT.

**WIRING REQUIREMENTS**

From Fused Spur to UH1-W Wiring Centre:  
 2 cores +E - 2.5mm cable

From UH1-W Wiring Centre to Thermo-electric Actuators:  
 2 cores - 1.0mm flex (Actuators come with 1m flying lead)

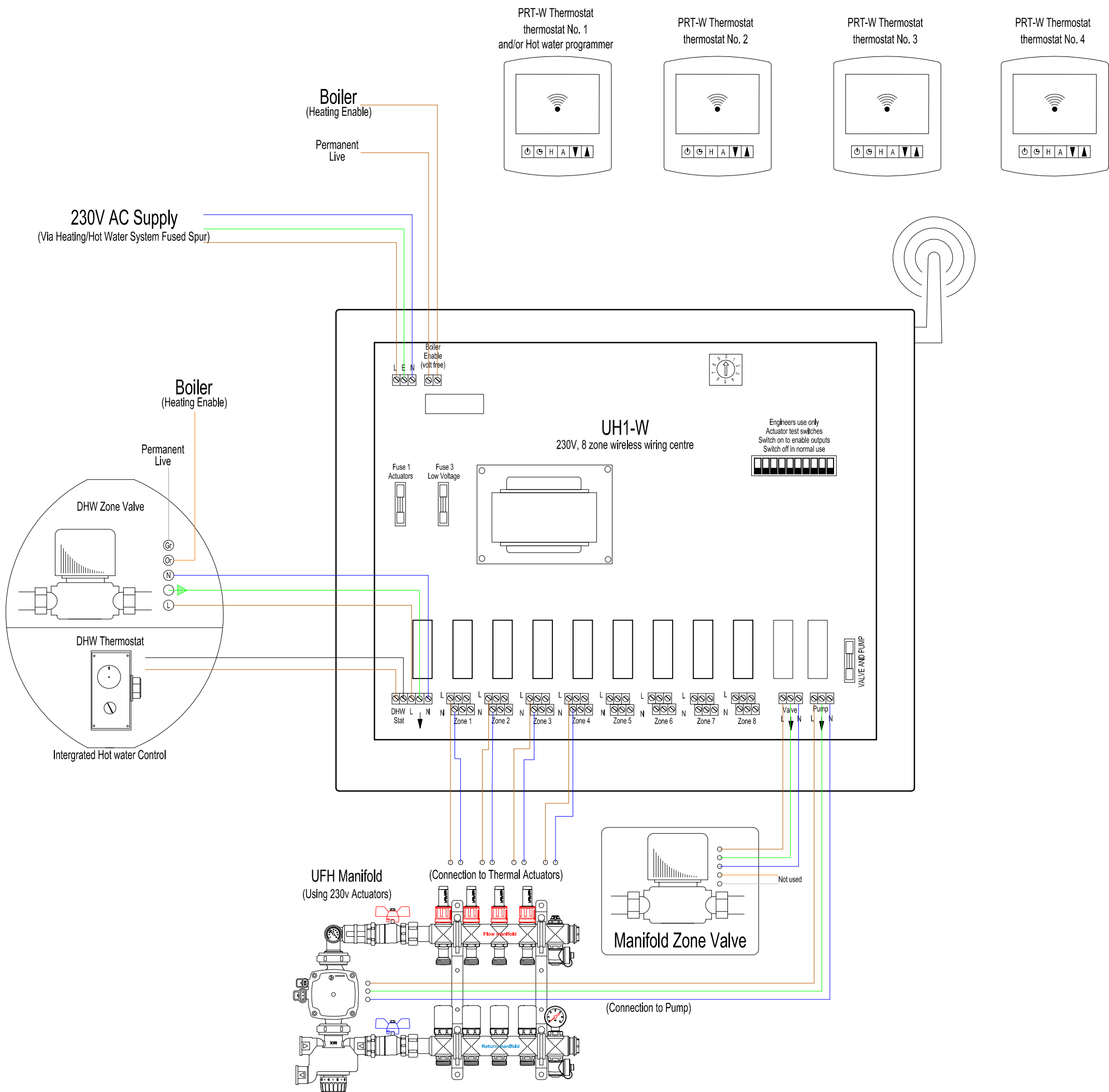
From UH1-W Wiring Centre to Manifold Pump:  
 3 core - 1.5mm flex

From UH1-W Wiring Centre to Boiler:  
 2 core - 1.5mm cable

From UH1-W Wiring Centre to manifold zone valve:  
 2 core +E - 1.5mm cable

From UH1-W Wiring Centre to DHW Thermostat:  
 2 core - 1.0mm flex

From UH1-W Wiring Centre to DHW Zone Valve:  
 5 core - 1.0mm flex



**AMBIENTE SYSTEMS UK**  
 HERITAGE HOUSE, 1 WOODSIDE LANE  
 BELL BAR, HERTS, AL9 6DE  
 TELEPHONE 08450 70 38 95 FAX 08450 70 38 96  
 EMAIL [Info@ambienteufh.co.uk](mailto:Info@ambienteufh.co.uk) WEBSITE [www.ambienteufh.co.uk](http://www.ambienteufh.co.uk)

Project  
**Standard Ambiente Wiring Diagram**

SCALE	DATE	DRAWN	CHECKED
N/A	May 2016	RH	RT