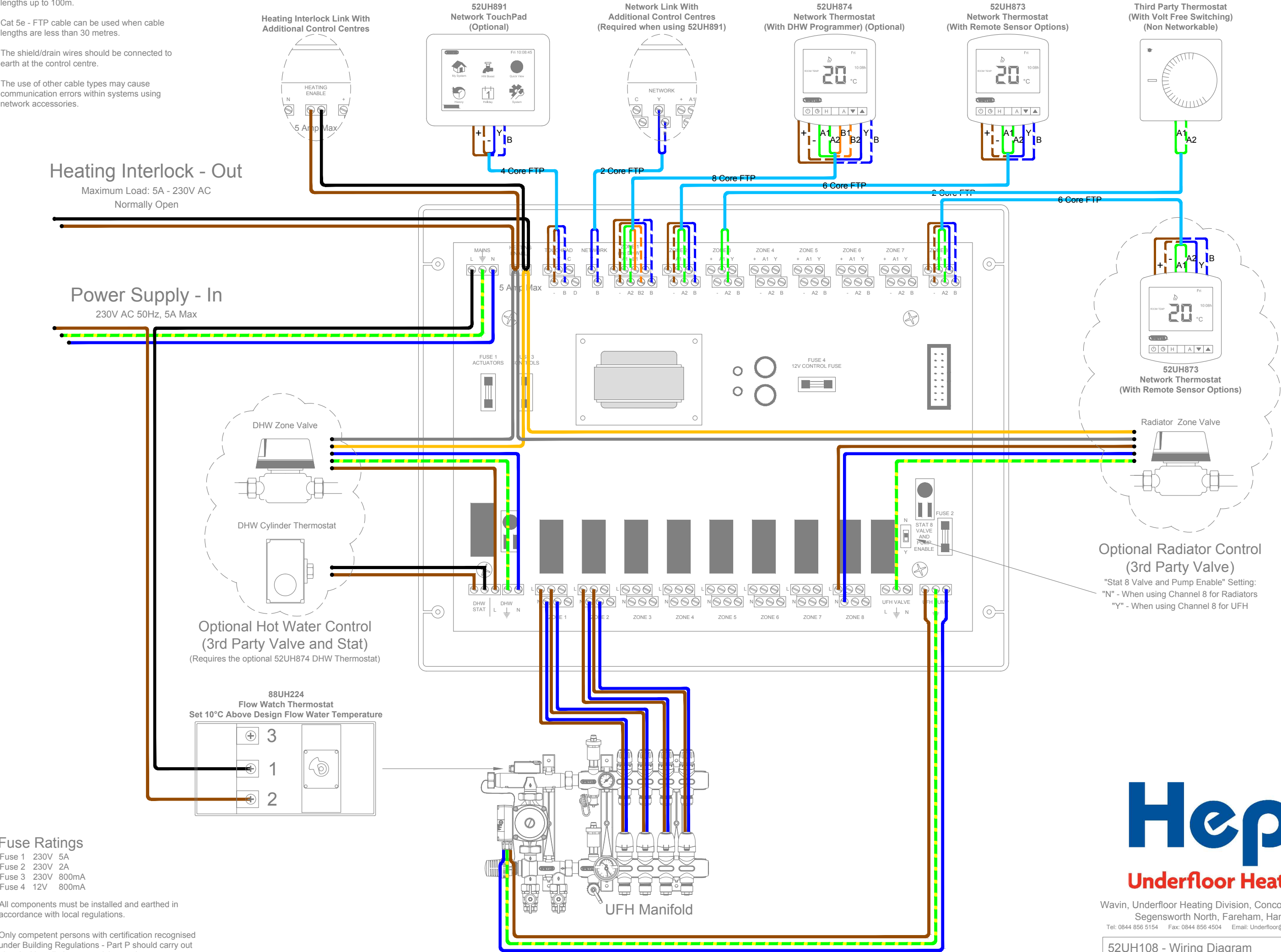


Belden 9538/9536 cable is required for the 12V power and data connections, with cable lengths up to 100m.

Cat 5e - FTP cable can be used when cable lengths are less than 30 metres.

The shield/drain wires should be connected to earth at the control centre.

The use of other cable types may cause communication errors within systems using network accessories.



Fuse Ratings

- Fuse 1 230V 5A
- Fuse 2 230V 2A
- Fuse 3 230V 800mA
- Fuse 4 12V 800mA

All components must be installed and earthed in accordance with local regulations.

Only competent persons with certification recognised under Building Regulations - Part P should carry out electrical installation or servicing work.

Hep2O
Underfloor Heating

Wavin, Underfloor Heating Division, Concorde House, Concorde Way,
Segensworth North, Fareham, Hampshire, PO15 5RL
Tel: 0844 856 5154 Fax: 0844 856 4504 Email: Underfloor@hep2o.co.uk Web: www.Hep2o.co.uk

52UH108 - Wiring Diagram

May 2014

Belden 9538/9536 cable is required for the 12V power and data connections, with cable lengths up to 100m.

Cat 5e - FTP cable can be used when cable lengths are less than 30 metres.

The shield/drain wires should be connected to earth at the control centre.

The use of other cable types may cause communication errors within systems using network accessories

An Automatic Bypass, or other equivalent product, should be installed at the manifold furthest from the heat source to allow the boiler to maintain a minimum flow rate, when demand from the systems emitters reduces.

52UH891
Network TouchPad
(Networks up to 32 Thermostats)



52UH874
Network Thermostat
(With DHW Programmer)



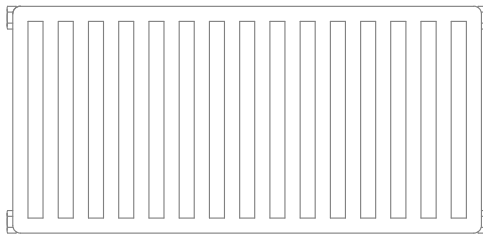
52UH873
Network Thermostat(s)
(With Remote Sensor Options)



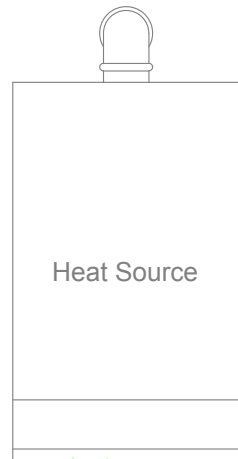
52UH873
Network Thermostat
(Radiator Control)



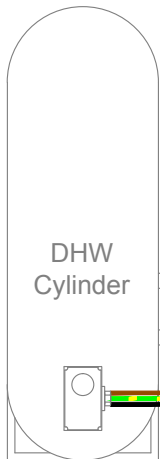
52UH873
Network Thermostat(s)
(With Remote Sensor Options)



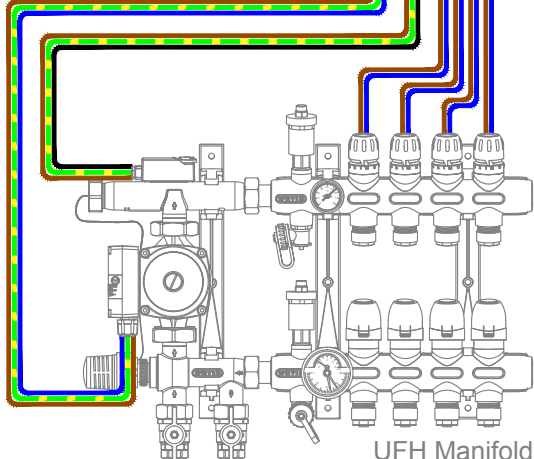
Radiator Circuit



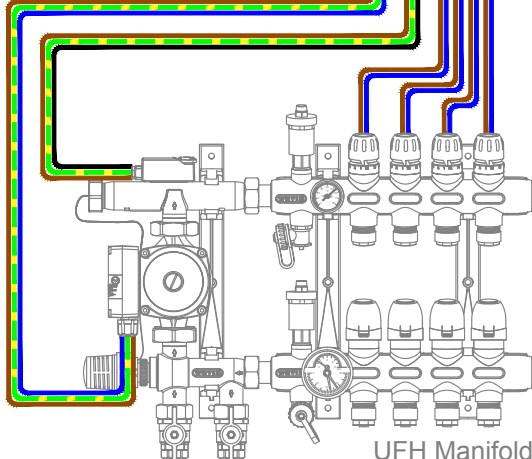
Heat Source



DHW Cylinder



UFH Manifold



UFH Manifold

Automatic Bypass

Power Supply - In
230V AC 50Hz



52UH108
8 Zone Control Centre



52UH108
8 Zone Control Centre

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52UH108 - System Schematic

May 2014