142 ltr XCEL HEAT BANK

XT142

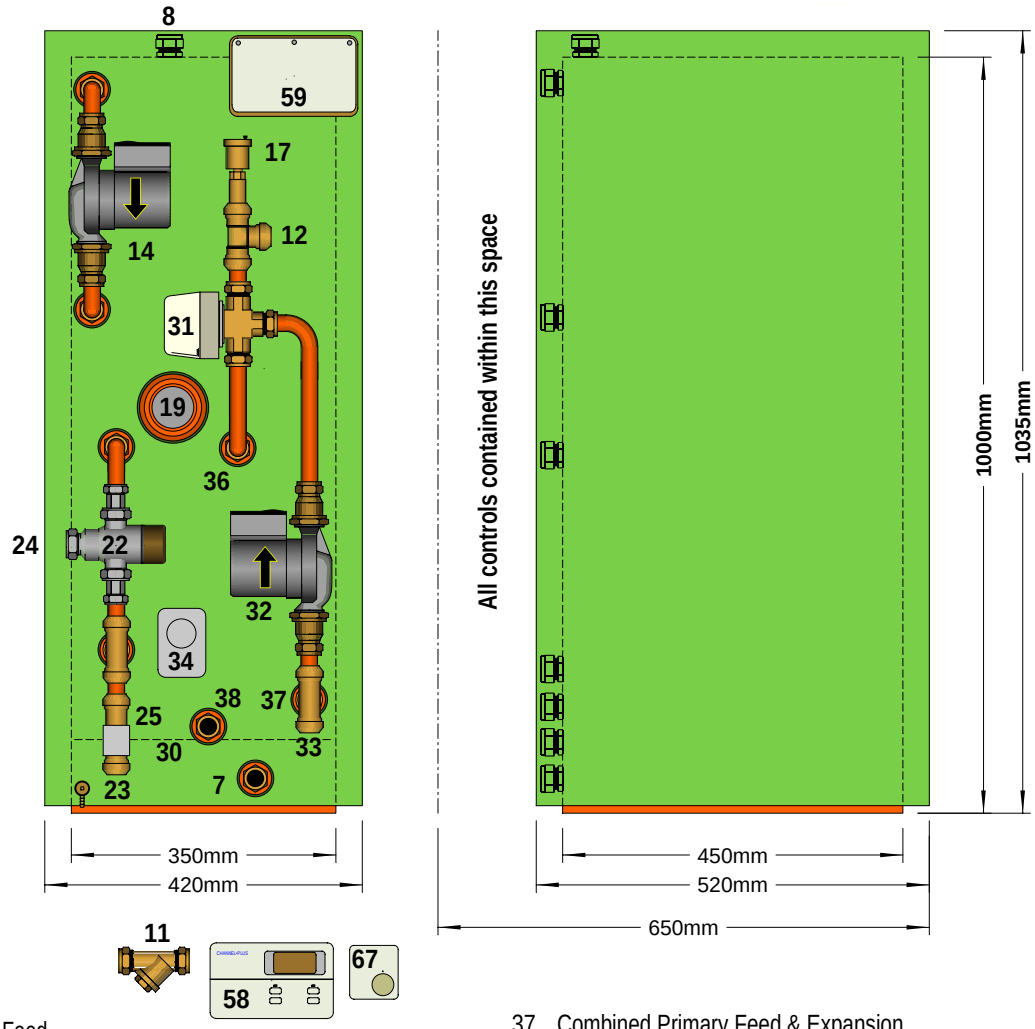
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HOT WATER PRIORITY SYSTEM

London Borough of Hillingdon

High Duty Inditect Heating Coil
Internal Plate Heat Exchanger
3Kw Backup Immersion Heater (80°C Stat)
Fitted & Wired Heat Bank Assembly (Flow Switch, H.B.Pump & Blending Valve)
Fitted & Wired Primary Asembly (Primary Pump, 3 Port Valve, Cylinder Stat & Primary F&E Connection)

Tectite Fittings
12 Terminal Wiring Centre
Room Thermostat, H27 Programmer & Y-Pattern Strainer 22mm supplied loose



7 Cold Feed
8 Vent
11 Y-Pattern Strainer
12 Flow to Heating Circuit
14 Heat Exchanger Pump
17 Automatic Air Vent
19 3 kW Incaloy Immersion Heater (40-90°C Stat)
22 Thermostatic Blending Valve
23 Cold Mains IN
24 Hot Mains OUT
25 Flow Switch
30 Internal Diffuser Plate
31 3-Port Diverter Valve
32 Primary Circulating Pump
33 Flow from Boiler
34 Cylinder Thermostat
36 Flow to Primary Coil
37 Combined Primary Feed & Expansion
38 Return from Primary Coil
58 Danfoss SET1E Programmer
59 Wiring Centre
67 Room Thermostat

In areas of Hard Water it is recommended that a Scale Inhibitor is fitted into the incoming mains. If fitted, please ensure that it is positioned as per manufacturers instructions.

A Y-Pattern Strainer must be fitted onto the incoming mains & a Hand Operated Mains Isolating Valve fitted prior to the Strainer to allow servicing. The Isolating Valve should be in clear view.

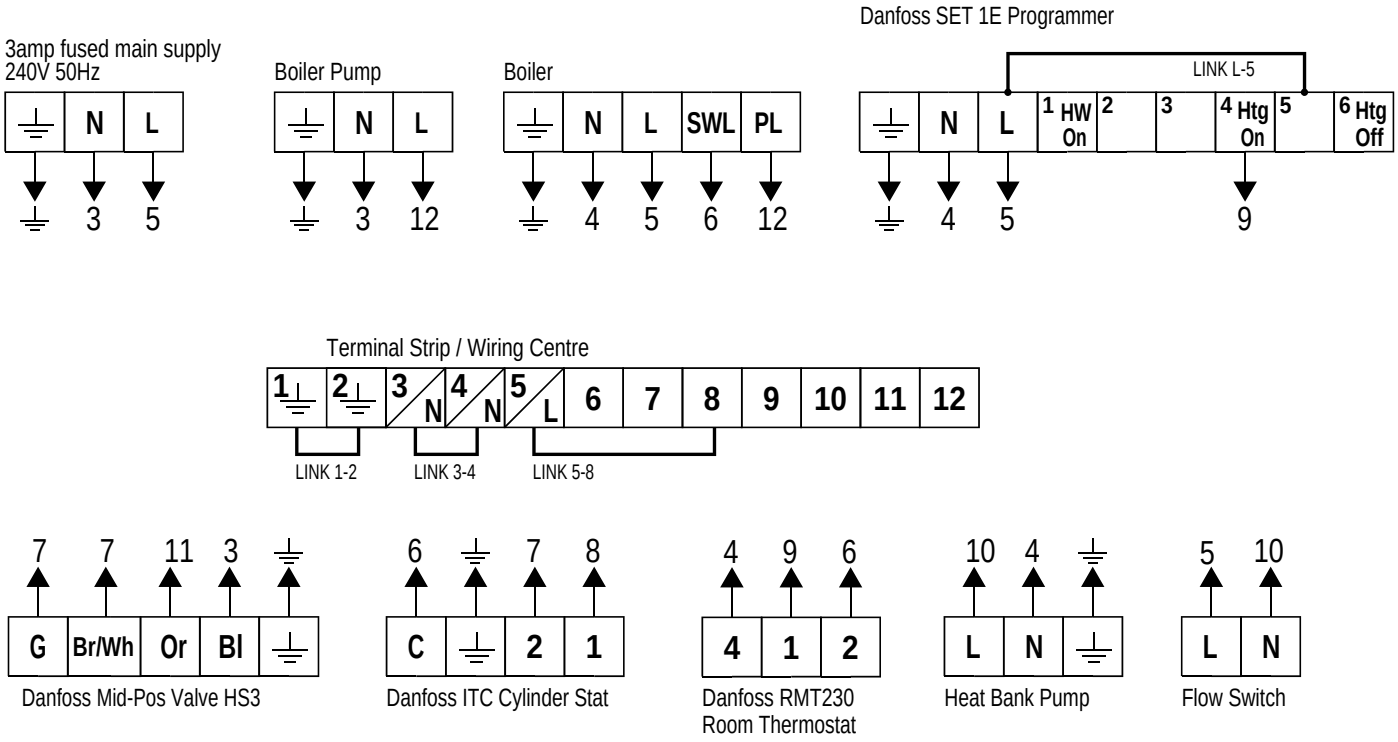
The Feed & Expansion Tank supplying the Heat Bank must be positioned so that the water level is no more than 2m above the base of the Heat Bank. The F&E Tank should be sized to take the expansion from both the Primary System and the Heat Bank

DEDICATED PRESSURE SYSTEMS LTD.
23 Garden Close, Banstead, Surrey SM7 2QB. Tel.: 01737 371445 Fax.: 01737 371575

HOT WATER PRIORITY WIRING DIAGRAM - PUMP OVER-RUN

ID: 198/WIREWYP

Mid Position Valve wired as Diverting Valve



MID-POSITION WIRING DIAGRAM - PUMP OVER-RUN

ID: 198/WIREWYP

