

Thermal Stores for Multi Fuel Systems

With DHW Plate Heat Exchanger, Direct Boiler Assembly, Gravity Wood Burner, Buffer Stat, Economy Stat, Overheat Stat and Programmer for Summer & Winter Mode.

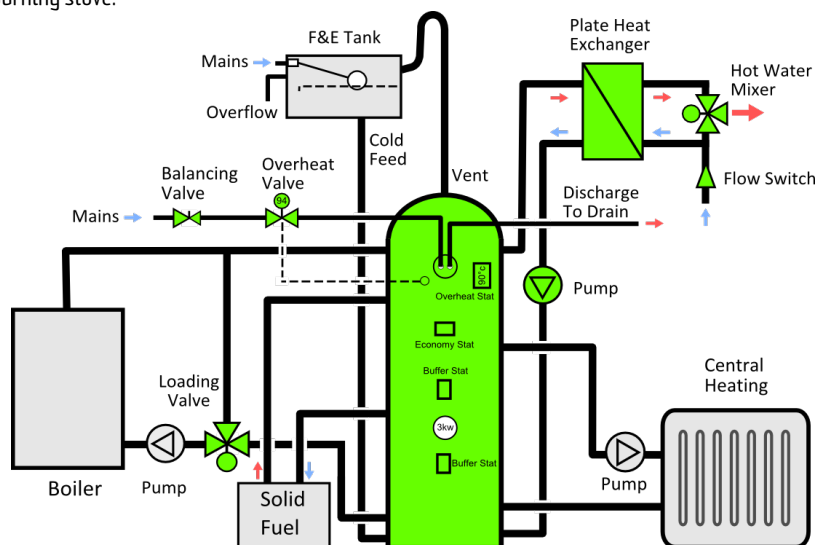
Inputs: Gravity Wood Burner, Open Vented Boiler and Backup Electric.

Outputs: DHW (via Heat Exchanger) and Central Heating

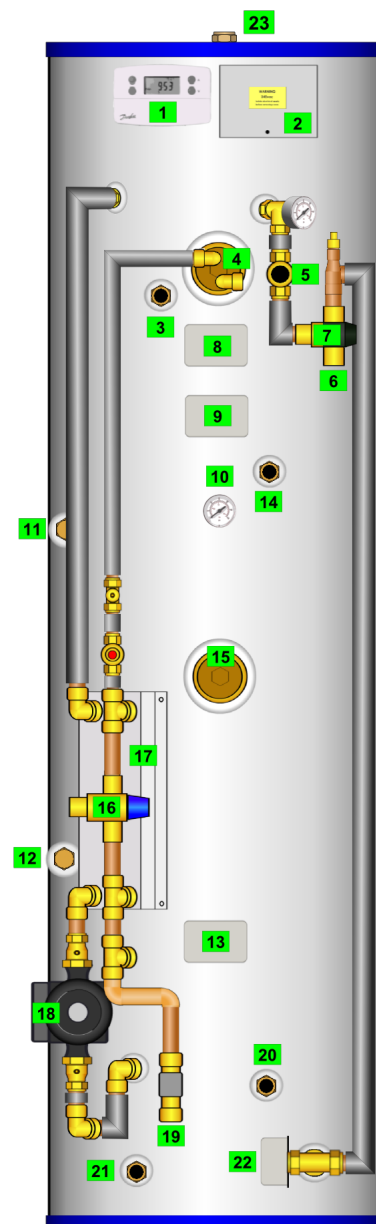
- Stainless Steel Thermal Store
- 130 to 500 litre Capacities with Slimline options
- Connections for Direct Boiler Input
- Connections for Central Heating circuit
- DHW generated using a Plate Heat Exchanger up to 35l/Min
- DHW Thermostatic Mixing
- Immersion Heater Boss
- Powerfree Overheat Discharge Coil and Valve 95°C

This system is designed to work in conjunction with an open vented boiler and gravity wood burner. The system includes a plate heat exchanger assembly to generate mains pressure hot water, fitted with thermostatic mixing valve to control tap temperatures.

It is assumed that the system will be open vented due to the inclusion of a wood burning stove.



Part Code	Capacity	Cylinder Diameter	Casing Diameter	Height
DS-165-11	165 litres	450mm	535mm	1200mm
DS-220-11	220 litres	450mm	535mm	1500mm
DS-247-11	247 litres	450mm	535mm	1800mm
DS-300-11	300 litres	500mm	560mm	1800mm
DS-390-11	390 litres	600mm	660mm	1500mm
DS-500-11	500 litres	600mm	660mm	1835mm
X2009-16j	3kW Immersion Heater			
X2009-11A	Standard Pump for Towel Rail or Radiator Circuit			
X2009-11B	Standard Pump for Boiler Circuit			
UFH	Flow and Return Tappings for Underfloor Heating Circuit			



1. Two Channel Programmer for Winter/Summer Mode
2. Wiring Centre
3. Overheat Discharge Sensor Pocket
4. Overheat Coil Discharge
5. Flow from Boiler
6. Return to Boiler
7. Loading Valve
8. Overheat Thermostat
9. Economy Thermostat
10. Temperature Gauge
11. Gravity Wood Burner Connection (Flow)
12. Gravity Wood Burner Connection (Return)
13. Buffer Boiler Thermostat
14. Flow to Central Heating
15. Immersion Heater Boss, 2 1/4" Female
16. DHW Flow Thermostatic Mixing Valve
17. DHW Plate Heat Exchanger
18. DHW Pump (A Rated)
19. Cold Mains Input / Flow Switch
20. Return from Central Heating
21. Cold Feed
22. Boiler Thermostat
23. Vent

INCLUDED AS STANDARD