

Jumbo

Fast recovery Tank-in-Tank hot water storage.



A large heat exchange surface (1.5 to 2.5 times more than that of a traditional coil) enables the Jumbo to heat a high volume of domestic hot water in a very short time. The unique design of the heat exchanger offers reduced recovery times and improves the overall efficiency and performance of the installation.

- Tank-in-Tank floor standing indirect hot water storage tank
- Stainless steel construction - no need for sacrificial anodes
- High performance - fast heat up and rapid recovery
- Fully insulated
- Stove enamelled steel casing, supplied separately to enable the tank to pass through standard 800mm doorways
- Two sizes - 800 and 1000 litres
- Can be used in battery formation for high output installations
- Vented or unvented use, with mains pressure SystemPak available
- Large heating surface area means reduced boiler cycling

Operating Conditions

Cold water	t°	10°C
Hot water	t°	40°C
Heating water	t°	90°C



Incorporated into HeatMaster Scheme

This solution combines the advantages of large storage capacity with those of instantaneous DHW generation. Eliminating all of the problems associated with space and maintenance requirements, reducing operating costs as well as ensuring outstanding domestic hot water performance levels.

JUMBO 1000 HeatMaster® 201

4010 L
of hot water in 10'

8955 L
of hot water in
the first hour

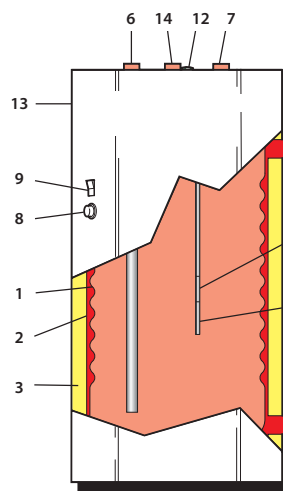


		Jumbo 800	Jumbo 1000
Total capacity	L	800	1000
Primary capacity	L	125	160
Heating surface area	m ²	4.56	5.5
Primary pressure drop	mbar	96	101
Primary flow rate	Ltrs/hr	7500	7800
Maximum useable input from boiler	kW	100	112
Primary connections (female BSP)	Ø	2"	2"
Hot water connections (male BSP)	Ø	2"	2"
Weight empty	kg	360	380
Weight full	kg	1160	1380
Maximum operating temperature	°C	90	90
Maximum operating pressure Primary: 5 bar Secondary: 10 bar			

Performance Data

		Jumbo 800	Jumbo 1000
Litres in first 10 minutes	40°C	1881	2265
Litres in first 10 minutes	45°C	1612	1941
Litres in first 10 minutes	60°C	961	1145
Litres in first hour	40°C	4270	4940
Litres in first hour	45°C	3660	4234
Litres in first hour	60°C	2124	2438
Continuous flow 40°C	Ltrs/hr	2868	3210
Continuous flow 45°C	Ltrs/hr	2458	2751
Continuous flow 60°C	Ltrs/hr	1395	1552

Characteristics



1. Stainless steel inner tank
2. Steel outer tank
3. 120 mm thick mineral wool insulation
4. Primary water return connection
5. Primary water flow connection
6. Domestic cold water inlet
7. Domestic hot water outlet
8. Control thermostat
9. Thermometer
10. Thermostat pocket
11. Thermometer pocket
12. Primary air vent
13. Metal casing
14. DHW recirculation or temperature and pressure relief valve connection

Dimensions

	Jumbo 800	Jumbo 1000
A	1915mm	2315mm
B	1590mm	1990mm
C	1020mm	1020mm
D	1020mm	1020mm

