

Cyclone Tank in Tank Eco

fast recovery tank-in-tank cylinder - perfect partner to condensing boiler



Tank in Tank Eco

The fastest recovery hot water cylinder available

- 20 min recovery of Domestic Hot Water
- Suitable for Heat Pumps because of large Surface Area
- Suitable for Solar Thermal
- Suitable for pellet or log burners
- Design reduces boiler cycling & improves boiler efficiency
- Most advanced Domestic Hot Water storage cylinder available
- Tank design reduces limescale buildup

Eco80

With the requirement for more energy efficient solutions, Joule offer the full Cyclone range with Eco80 specification. The eco 80 range increasea insulation thickness to 80mm nominal.

Note

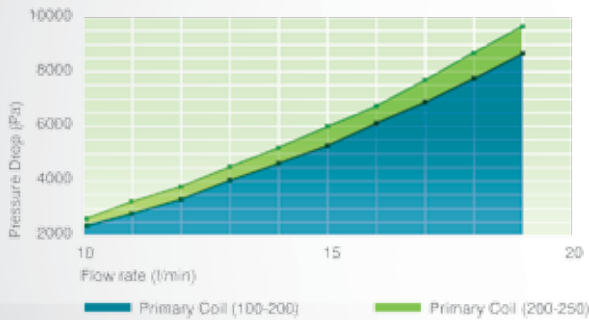
Inner tank must be filled before outer tank.

Technical Information

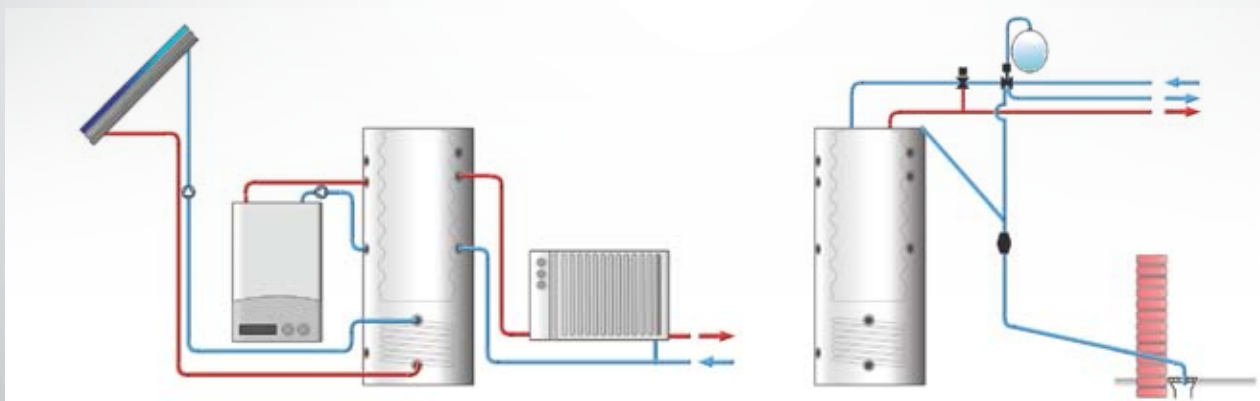
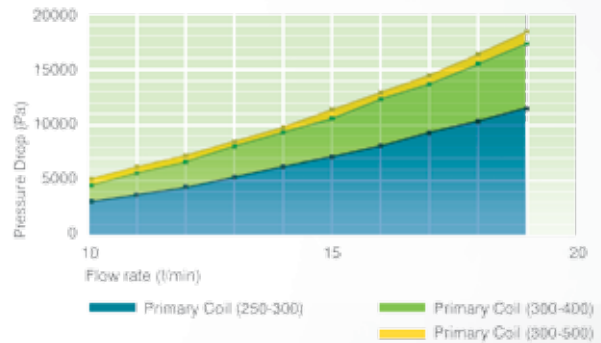


	STANDARD					
Volume (l)	150	200	250	300	400	500
Height (mm)	1085	1085	1335	1535	1535	1880
Diameter (mm)	500	560	560	560	660	660
Weight Empty (kg)	30	34	43	47	62	75
Weight Full (kg)	180	234	293	347	462	575
Reheat Indirect Total Minutes	21	26	26	32	35	35
Reheat 3 kW Immersion Total Min.	63	91	118	141	175	222
Dedicated Solar Volume	-	-	-	-	-	-
Standard Standing Loss kWh/Day	1.45	1.84	2.19	2.32	2.45	2.58
Eco80 Standing Loss kWh/Day	1.39	1.63	1.73	1.95	2.19	2.29
Litres in first 30 min 40 °C	320	321	418	558	686	922
Litres in first 30 min 45 °C	263	275	348	464	582	790
Litres in first 30 min 60 °C	175	161	206	274	358	504
Litres in first hour 40 °C	938	1063	1225	1633	1872	2666
Litres in first hour 45 °C	751	911	1003	1338	1559	2285
Litres in first hour 60 °C	426	536	590	786	935	1368
Continuous Flow (l/h)	827	890	967	1289	1423	2093
Continuous Flow (l/h)	673	763	786	1048	1172	1794
Continuous Flow (l/h)	378	450	461	614	693	1037
Absorbed Power (kW)	29	31	32	43	48	73

Indirect Coil - Pressure Drop Graph



Indirect Coil - Pressure Drop Graph



1	1	1	1	1	1	0	1	1
Temperature and Pressure Relief Valve	Expansion Vessel	High Flow Rate Inlet Control Set	Dual Thermostat	Incoloy Long 240V 3kW Immersion Heater	15/22 Tundish	22mm Thermostatic Mixing Valve	Expansion Vessel Hose	22 mm 2 Port Motorized Diverting Valve