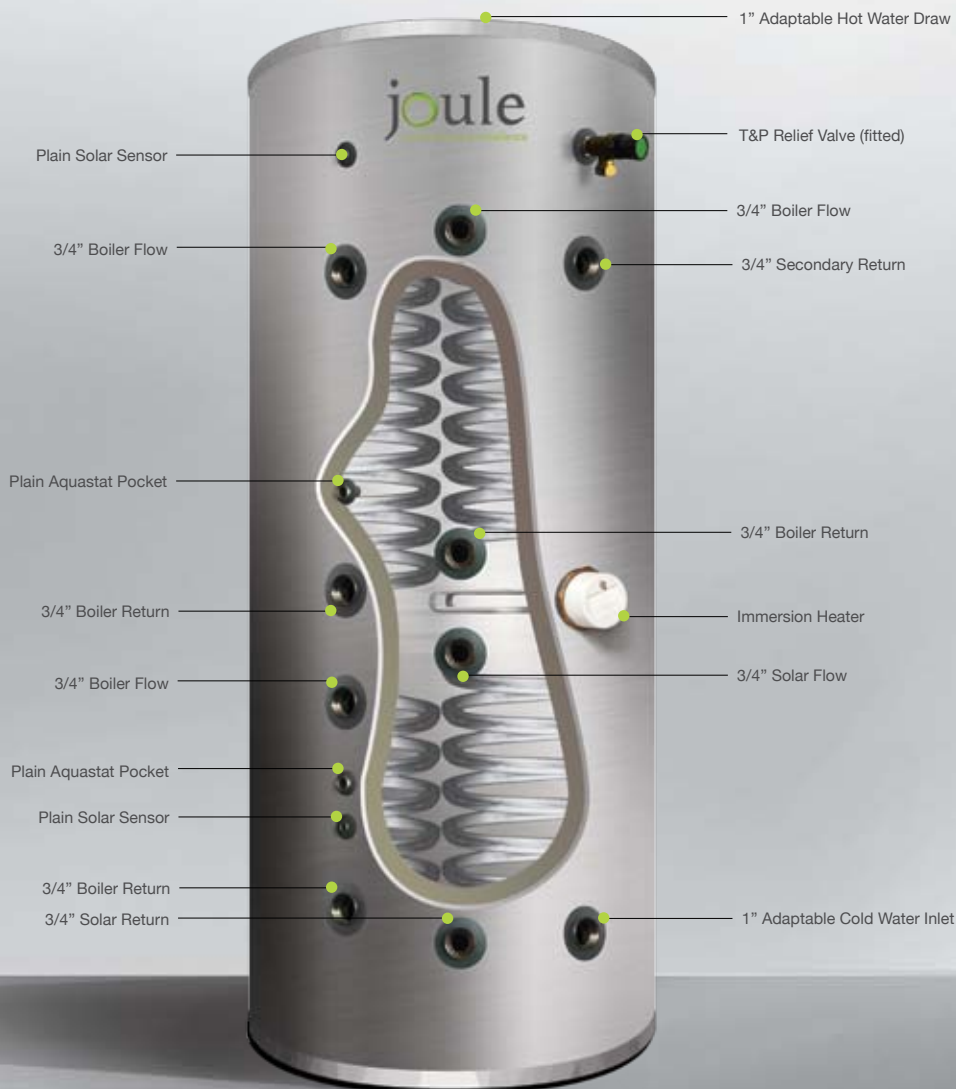


Cyclone Quad Coil

efficient solar supported indirectly heated hot water complete with two auxiliary heating coils



Immersion Heater options

Incoloy immersions come as standard in all Joule Cyclone Cylinders unless otherwise stated. Incoloy immersions are designed for low to medium use in a domestic application. If the water been stored is hard or the usage is high, Joule recommend Titanium Immersions.

Eco80

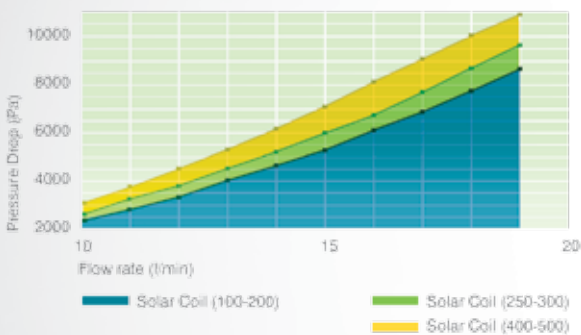
With the requirement for more energy efficient solutions, Joule offer the full Cyclone range with Eco80 specification. The eco 80 range increasea insulation thickness to 80mm nominal.



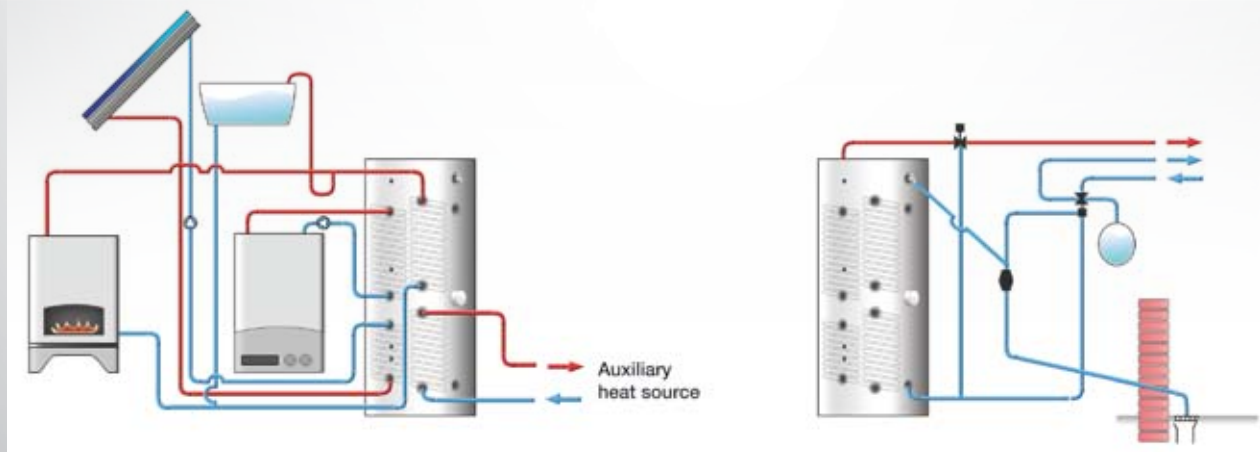
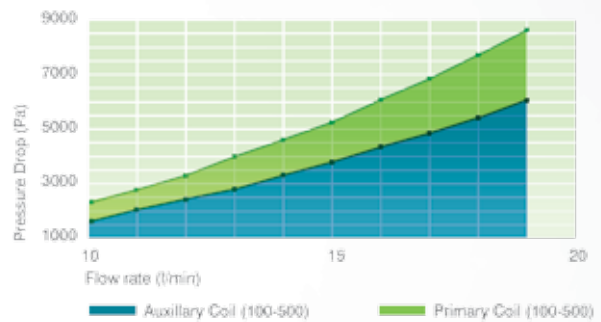
	STANDARD			
	250	300	400	500
Volume (l)	250	300	400	500
Height (mm)	1335	1535	1535	1880
Diameter (mm)	560	560	660	660
Weight Empty (kg)	45	49	62	75
Weight Full (kg)	295	349	462	575
Reheat Indirect Total Minutes	26	32	35	35
Reheat 3 kW Immersion Total Min.	118	141	175	222
EN12897 Prim. Heat Exchng (kW)	22	22	28	35
EN12897 Solar Heat Exchng (kW)	18	18	22	22
Auxiliary Coil Heat Exchng 1 (kW)	22	22	28	35
Auxiliary Coil Heat Exchng 2 (kW)	22	22	28	35
Dedicated Solar Volume	135	160	210	260
Standard Standing Loss kWh/Day	2.15	2.28	2.41	2.54
Eco80 Standing Loss kWh/Day	1.69	1.91	2.15	2.25

When using Eco80, dimensions will change to allow for extra insulation.

Solar Coil - Pressure Drop Graph



Primary and Auxillary Coil - Pressure Drop Graph



0	1	1	1	1	1	0	1	0
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 Motorzed Diverting Valve