

Cyclone Direct

efficient electrically heated hot water



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These cylinders are designed to work with electricity only. The water is heated using electrical elements and they do not have any ability to be heated by oil or gas boilers.

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 being stored is hard or the usage is high, Joule recommends Titanium Immersions.

Eco80

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



	STANDARD								SLIM LINE							SPECIAL										
Volume (l)	125	150	170	200	250	300	400	500	100	120	135	150	175	205	230	166	193	222	223	225	270	280	300	305	342	360
Height (mm)	925	1085	1205	1085	1335	1535	1535	1880	925	1085	1205	1335	1535	1880	2000	925	1335	1535	925	1205	1085	1880	2000	1205	1335	1880
Diameter (mm)	500	500	500	560	560	560	660	660	440	440	440	440	440	440	440	560	500	500	660	560	660	500	500	660	660	560
Weight Empty (kg)	26	30	32	34	43	47	62	75	20	24	28	30	34	36	40	32	34	38	39	40	45	46	47	48	55	58
Weight Full (kg)	151	180	202	234	293	347	462	575	120	144	163	180	209	241	270	198	227	260	262	265	315	326	347	353	397	418
Reheat Indirect Total Minutes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reheat 3 kW Immersion Total Min.	48	63	75	91	118	141	175	222	44	47	59	63	76	93	112	72	87	101	102	110	135	138	141	144	152	165
EN12897 Heat Exchange kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dedicated Solar Volume	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Standard Standing Loss kWh/Day	1.23	1.41	1.53	1.8	2.15	2.28	2.41	2.54	1.18	1.25	1.38	1.41	1.55	1.82	1.92	1.48	1.75	1.86	1.87	1.9	2.2	2.24	2.28	2.3	2.35	2.38
Eco80 Standing Loss kWh/Day	1.16	1.36	1.44	1.69	1.91	2.15	2.25	1.03	1.12	1.17	1.31	1.36	1.46	1.64	1.43	1.40	1.62	1.63	1.66	1.71	1.72	1.91	1.94	2.10	2.12	2.16

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



3 kW Incoloy Immersion

- Intermittent Use
- Soft Water

6 kW Incoloy Immersion

- Intermittent Use
- Quick Recovery
- Soft Water

9 kW Incoloy Immersion

- Intermittent Use
- Quicker Recovery
- Soft Water



3 kW Titanium Immersion

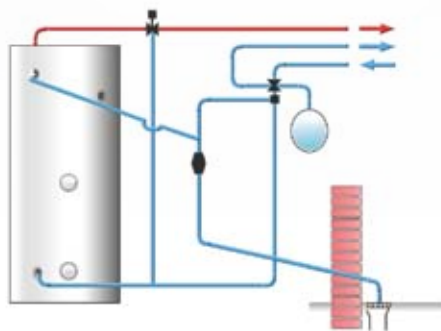
- High Use
- Hard Water

6 kW Titanium Immersion

- High Use
- Quick Recovery
- Hard Water

9 kW Titanium Immersion

- High Use
- Quicker Recovery
- Hard Water



1	1	1	1	2	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 Motorized Diverting Valve