



Twin Solar

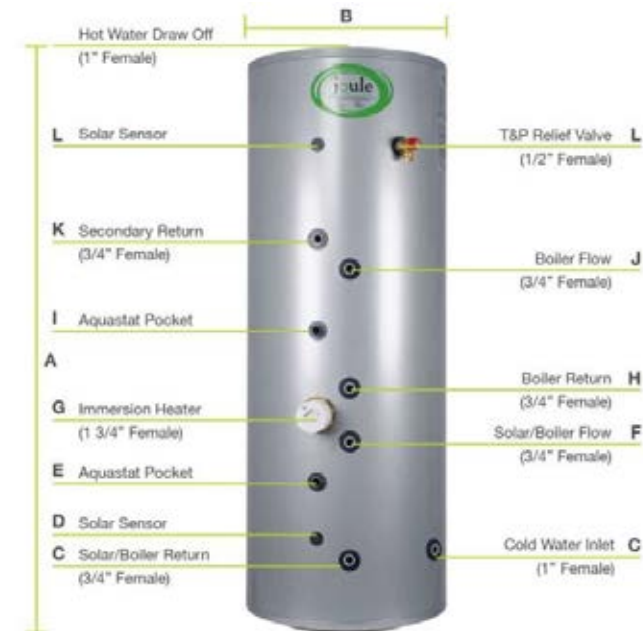
PRODUCT SPECIFICATION

1. The unit is to be floor standing Cyclone pre-insulated pressurised Hot Water Cylinder
2. The cylinder is to be manufactured from Duplex LDX 2101
3. The cylinder must be tested to 10 bar with a maximum operating pressure of 5 bar
4. The cylinder should have a standing loss of no more than 115 W

DIMENSIONS

	170L	200L	250L	300L	400L	500L
A	1205	1085	1335	1535	1535	1880
B	500	560	560	560	660	660
C	196	218	218	218	225	225
D	246	268	268	268	275	275
E	346	368	438	438	430	430
F	446	468	538	538	615	615
G	511	533	603	603	680	680
H	576	598	668	668	745	745
I	681	688	798	810	888	888
J	826	768	1053	1053	1130	1130
K	882	848	968	1153	1180	1440
L	1031	883	1133	1333	1280	1640

TYPE	MODEL	INSTALLATION
Unvented	Twin Solar	Floor Standing



CONSTRUCTIVE SPECIFICATIONS

	170 L	200 L	250 L	300 L	400 L	500 L
Cylinder Material	Stainless Steel Duplex LDX 2101	Stainless Steel Duplex LDX 2101	Stainless Steel Duplex LDX 2101	Stainless Steel Duplex LDX 2101	Stainless Steel Duplex LDX 2101	Stainless Steel Duplex LDX 2101
Thermal Insulation	Polyurethane foam CFC-Free and HCFC Free	Polyurethane foam CFC-Free and HCFC Free	Polyurethane foam CFC-Free and HCFC Free	Polyurethane foam CFC-Free and HCFC Free	Polyurethane foam CFC-Free and HCFC Free	Polyurethane foam CFC-Free and HCFC Free
Casing	Painted Galvanised Carbon Steel DX51D	Painted Galvanised Carbon Steel DX51D	Painted Galvanised Carbon Steel DX51D	Painted Galvanised Carbon Steel DX51D	Painted Galvanised Carbon Steel DX51D	Painted Galvanised Carbon Steel DX51D
Coil Material	Stainless Steel Tube AISI 316L	Stainless Steel Tube AISI 316L	Stainless Steel Tube AISI 316L	Stainless Steel Tube AISI 316L	Stainless Steel Tube AISI 316L	Stainless Steel Tube AISI 316L
Weight (empty) kg	49	50	59	67	74	87
Weight (full) kg	219	246	307	364	476	589
Max. Operating Pressure (bar)	5	5	5	5	5	5
Test Pressure (bar)	10	10	10	10	10	10
Max. Working Temperature (c)	95	95	95	95	95	95
Heating Elements	1 No. Incoloy Immersion	1 No. Incoloy Immersion	1 No. Incoloy Immersion	1 No. Incoloy Immersion	1 No. Incoloy Immersion	1 No. Incoloy Immersion
Unvented Kit Components	Expansion Vessel, Inlet Control Group, Zone Valve, Cylinder Thermostat, Tundish	Expansion Vessel, Inlet Control Group, Zone Valve, Cylinder Thermostat, Tundish	Expansion Vessel, Inlet Control Group, Zone Valve, Cylinder Thermostat, Tundish	Expansion Vessel, Inlet Control Group, Zone Valve, Cylinder Thermostat, Tundish	Expansion Vessel, Inlet Control Group, Zone Valve, Cylinder Thermostat, Tundish	Expansion Vessel, Inlet Control Group, Zone Valve, Cylinder Thermostat, Tundish
Heat Loss (W)	58	83	91	92	102	115
Heat up Time (mins)	24	26	26	32	35	35
Solar Coil Surface Area (m²)	0.58	0.58	0.67	0.67	0.77	0.77
Solar Coil Rating (kW)	16	16	18	18	22	22
Boiler Coil Surface Area (m²)	0.58	0.58	0.58	0.58	0.58	0.58
Boiler Coil Rating (kW)	16	16	16	16	16	16