



High Gain Solar

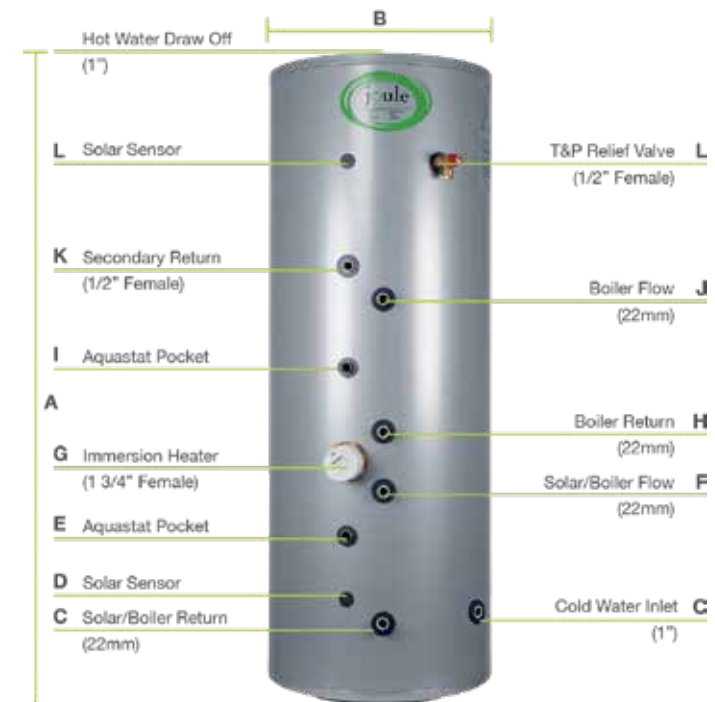
PRODUCT SPECIFICATION

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 83 W

DIMENSIONS

	200L	250L	300L	400L	500L
A	1490	1400	1600	1570	1900
B	540	600	600	710	710
C	196	218	218	225	225
D	246	268	268	275	275
E	386	388	438	375	430
F	486	468	538	415	615
G	536	518	578	465	675
H	586	568	628	515	735
I	791	808	813	950	950
J	981	968	1153	1190	1440
K	1136	1118	1328	1285	1635
L	1211	1133	1333	1290	1640

TYPE	MODEL	INSTALLATION
Unvented	High Gain Solar	Floor Standing



CONSTRUCTIVE SPECIFICATIONS

	200L	250L	300L	400L	500L
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
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
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
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
Weight (empty) kg	61	69	77	84	107
Weight (full) kg	258	317	374	486	609
Max. Operating Pressure (bar)	5	5	5	5	5
Test Pressure (bar)	10	10	10	10	10
Max. Working Temperature (c)	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
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
Heat Loss (W)	83	89	96	105	115
Heat up Time (mins)	21	27	32	42	49
Solar Coil Surface Area (m²)	0.58	0.67	0.67	0.77	0.77
Solar Coil Rating (kW)	16	18	18	22	22
High Gain Coil Surface Area (m²)	2.8	2.8	3.2	3.5	4.0
Product Code	TCIMVG-0200NFC	TCIMVG-0250NFC	TCIMVG-0300NFC	TCIMVG-0400NFC	TCIMVG-0500NFC
Energy Efficiency Class	C	C	C	C	C