



Direct Solar

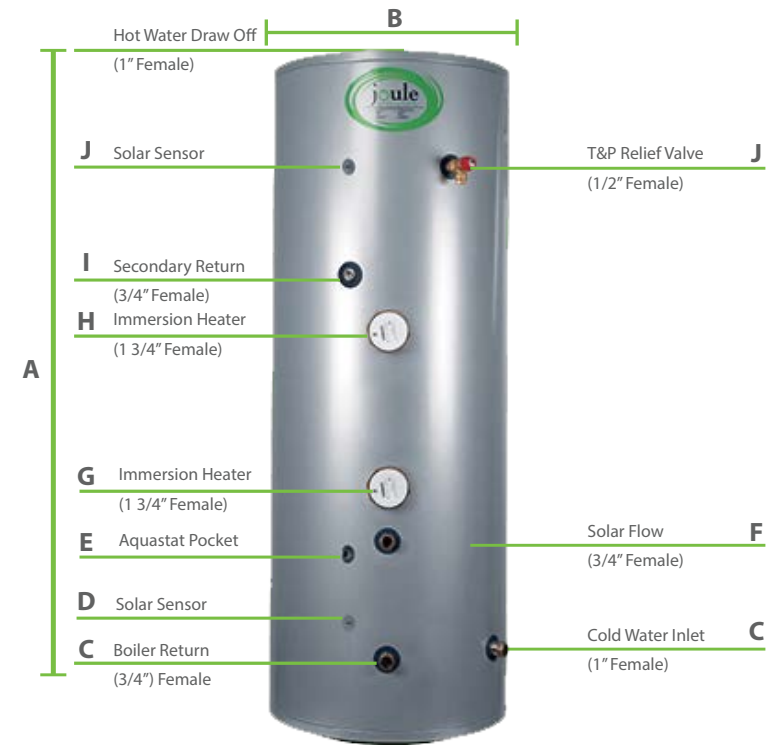
## PRODUCT SPECIFICATION

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 heat loss of no more than 102W

## DIMENSIONS

	150L	170L	200L	250L	300L	400L	500L
A	1190	1310	1490	1815	1600	1535	1880
B	540	540	540	540	600	660	660
C	196	196	218	218	218	225	225
D	246	246	268	268	268	275	275
E	346	346	368	438	438	430	430
F	446	446	468	538	538	615	615
G	511	511	533	603	603	680	680
H	636	731	668	833	968	915	1150
I	762	882	768	968	1153	1190	1440
J	911	1031	883	1133	1333	1290	1640

TYPE	MODEL	INSTALLATION
Unvented	Internal Expansion Direct	Floor Standing



# CONSTRUCTIVE SPECIFICATIONS

	150L	170L	200L	250L	300L	400L	500L
<b>Cylinder Material</b>	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	Stainless Steel Duplex LDX 2101
<b>Thermal Insulation</b>	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	Polyurethane foam CFC-Free and HCFC Free
<b>Casing</b>	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	Painted Galvanised Carbon Steel DX51D
<b>Coil Material</b>	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	Stainless Steel Tube AISI 316L
<b>Weight (empty) kg</b>	35	39	42	50	61	61	98
<b>Weight (full) kg</b>	185	209	242	300	361	361	596
<b>Max. Operating Pressure (bar)</b>	5	5	5	5	5	5	5
<b>Test Pressure (bar)</b>	10	10	10	10	10	10	10
<b>Max. Working Temperature (c)</b>	95	95	95	95	95	95	95
<b>Heating Elements</b>	2 Incoloy Immersions	2 Incoloy Immersions	2 Incoloy Immersions	2 Incoloy Immersions	2 Incoloy Immersions	2 Incoloy Immersions	2 Incoloy Immersions
<b>Unvented Kit Components</b>	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	Expansion Vessel, Inlet Control Group, Zone Valve, Cylinder Thermostat, Tundish
<b>Heat Loss (W)</b>	55	58	81	89	92	92	115
<b>Heat up Time (mins)</b>	23	24	28	34	39	39	54
<b>Solar Coil kW Rating</b>	16	16	16	18	18	18	22
<b>Solar Coil Surface Area (m2)</b>	0.58	0.58	0.58	0.67	0.67	0.67	0.77
<b>Product Code</b>	TCIMVE-0150SFD	TCIMVE-0170SFD	TCIMVE-0200NFD	TCIMVE-0250NFD	TCIMVE-0300NFD	TCIMVE-0300NFD	TCIMVE-0500LFD
<b>Energy Efficiency Class</b>	D	D	D	D	D	D	D