



Cyclone High Gain Indirect

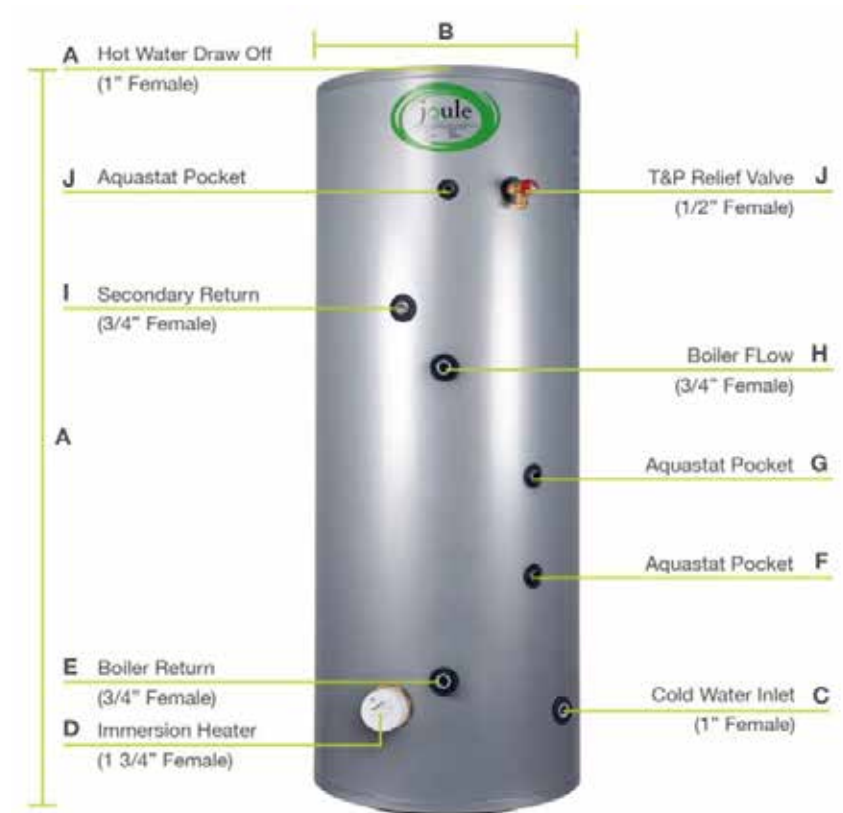
PRODUCT SPECIFICATION

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

	150L	170L	200L	250L	300L	400L	500L
A	1085	1230	1450	1750	1550	1550	1880
B	530	530	530	530	600	710	710
C	196	196	218	218	218	225	225
D	211	211	233	233	233	240	240
E	261	261	283	283	283	290	290
F	376	406	433	483	508	540	540
G	571	611	603	698	773	805	910
H	861	861	793	893	983	1190	1190
I	786	881	763	968	1153	1190	1440
J	911	1031	883	1133	1333	1290	1640

TYPE	MODEL	INSTALLATION
Unvented	High Gain Indirect	Floor Standing



CONSTRUCTIVE SPECIFICATIONS

	150L	170L	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	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	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	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	Stainless Steel Tube AISI 316L
Weight (empty) kg	46	54	57	66	74	81	107
Weight (full) kg	196	223	255	315	372	478	605
Max. Operating Pressure (bar)	5	5	5	5	5	5	5
Test Pressure (bar)	10	10	10	10	10	10	10
Max. Working Temperature (c)	95	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	1 No. Incoloy Immersion
Invented 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	Expansion Vessel, Inlet Control Group, Zone Valve, Cylinder Thermostat, Tundish
Heat Loss (W)	55	70	81	87	92	102	115
Heat up Time (mins)	10	10	11	14	17	19	22
Coil Surface Area (m²)	2.2	2.2	2.8	2.8	3.2	4.0	4.0
Product Code	TCIMVH-0150NFC	TCIMVH-0170NFC	TCIMVH-0200NFC	TCIMVH-0250NFC	TCIMVH-0300NFC	TCIMVH-0400NFC	TCIMVH-0500NFC
Energy Efficiency Class	C	C	C	C	C	C	C