



Smart Plumb Pre-plumb

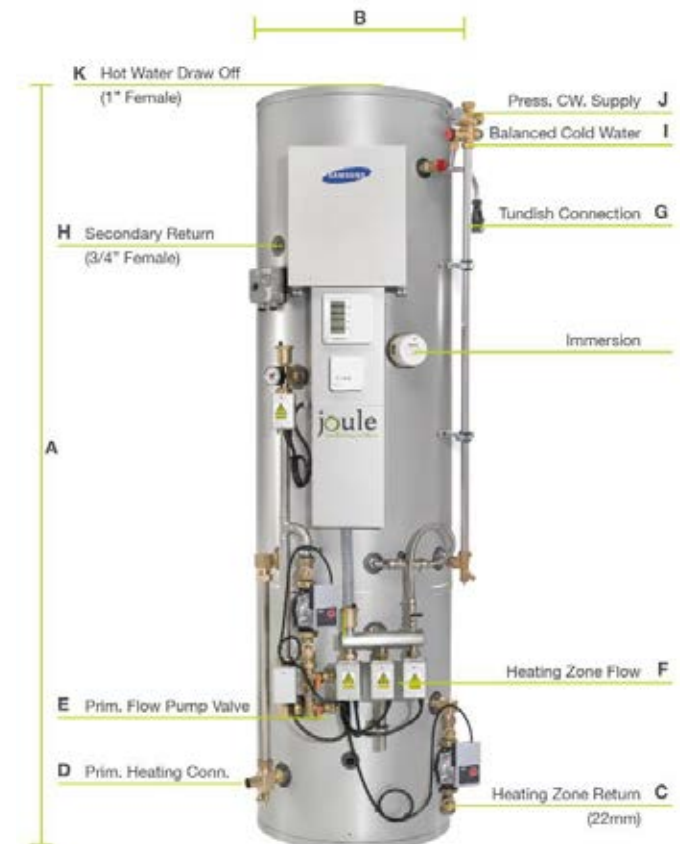
PRODUCT SPECIFICATION

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 68 W

DIMENSIONS

	180L	200L	250L	300L	400L
A	1870	1980	1950	2150	2160
B	560	560	660	660	710
C	200	200	200	200	200
D	220	220	220	220	220
E	500	500	500	500	500
F	550	550	550	550	550
G	1470	1550	1520	1700	1760
H	1520	1600	1570	1750	1810
I	1790	1900	1870	2070	2080
J	1820	1930	1900	2100	2110
K	1870	1980	1950	2150	2160

TYPE	MODEL	INSTALLATION
Unvented	Pre-plumbed Smart Plumb HG	Floor Standing



CONSTRUCTIVE SPECIFICATIONS

	180 L	200 L	250 L	300 L	300 L	400L
Capacity Buffer	60 L	60 L	90 L	90 L	90 L	130 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	78	83	92	101	101	113
Weight (full) kg	318	343	432	491	491	643
Operating Pressure (bar)	3	3	3	3	3	3
Test Pressure (bar)	10	10	10	10	10	10
Max. Working Temperature (c)	90	90	90	90	90	90
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
High Gain Coil Surface Area (m ²)	2.8	2.8	2.8	3.2	3.2	4
Heat Loss (W)	68	83	90	94	94	102
Product Code	TCLMVJ-18060FC	TCLMVJ-20060FC	TCLMVJ-25090FC	TCLMVJ-30090FC	TCLMVJ-30090FC	TCLMVJ-300130FC
Energy Efficiency Class	C	C	C	C	C	C