



Product Specification

Domestic Range

D

500 L Direct Solar

Capacity	Type	Model	Installation
500L	Unvented	Direct Solar	Floor Standing

Descriptive Specification

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

Constructive Specifications

Capacity	500 L
Cylinder Material	Stainless Steel Duplex LDX 2101
Thermal Insulation	Polyurethane foam CFC-Free and HCFC Free
Casing	Painted Galvanised Carbon Steel DX51D
Coil Material	Stainless Steel Tube AISI 316L
Weight (empty) kg	98
Weight (full) kg	596
Max. Operating Pressure (bar)	5
Test Pressure (bar)	10
Max. Working Temperature (c)	95
Heating Elements	2 Incoloy Immersions
Unvented Kit Components	Expansion Vessel, Inlet Control Group, Zone Valve, Cylinder Thermostat, Tundish
Heat Loss (W)	115
Heat up Time (mins)	54
Solar Coil kW Rating	22
Solar Coil Surface Area (m ²)	0.77
Product Code	TCIMVE-0500LFD
Energy Efficiency Class	D

Dimensions

A	1880
B	660
C	225
D	275
E	430
F	615
G	680
H	1150
I	1440
J	1640

