



Product Specification

Domestic Range

C

500 L High Gain Solar

Capacity	Type	Model	Installation
500L	Unvented	High Gain 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	107
Weight (full) kg	609
Max. Operating Pressure (bar)	5
Test Pressure (bar)	10
Max. Working Temperature (c)	95
Heating Elements	1 No. Incoloy Immersion
Unvented Kit Components	Expansion Vessel, Inlet Control Group, Zone Valve, Cylinder Thermostat, Tundish
Heat Loss (W)	115
Heat up Time (mins)	49
Solar Coil Surface Area (m ²)	0.77
Solar Coil Rating (kW)	22
High Gain Coil Surface Area (m ²)	4.0
Product Code	TCIMVG-0500NFC
Energy Efficiency Class	C

Dimensions

A	1900
B	710
C	225
D	275
E	430
F	615
G	675
H	735
I	950
J	1440
K	1635
L	1640

