

500L Direct

Capacity	Type	Model	Installation
500L	Unvented	Direct	Floor Standing

Descriptive Specification

- The unit is to be a floor standing SmarTherm pre-insulated pressurized Hot Water Calorifier.
- The calorifier is to be manufactured from Duplex LDX 2101, 1mm sheet thickness and factory fitted with 2 no. temperature gauges & 1no. pressure gauge.
- The calorifier must be tested to 12 bar with a max operating pressure of 6 bar and fitted with 3no. 3kW titanium immersions.
- The calorifier should have a standing loss of no more than 115W as tested to EN12897

Constructive Specifications	
Capacity (L)	500
Cylinder Material	Stainless Steel Duplex LDX 2101, 1mm sheet thickness
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	89
Weight (full) kg	586
Max. Operating Pressure (bar)	6
Test Pressure (bar)	10
Max. Working Temperature (c)	95
Heating Elements	3no. 3kW titanium immersions.
Unvented Kit Components	Expansion Vessel, Pressure Reducing Valve, T/P Relief Valve, Tundish, Zone Valve
Heat Loss (W)	115
Heat up Time (mins)	89
Max. Allowed (kW)	48
Product Code	TCGMVD-0500LFD
Energy Efficiency Class	C

Dimensions	
A	2030
B	710
C	350
D	440
E	665
F	975
G	1290
H	1550
I	1660
J	1750
K	-

