

600L Direct

Capacity	Type	Model	Installation
600L	Unvented	Direct	Floor Standing

Descriptive Specification

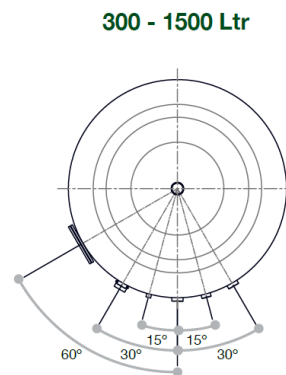
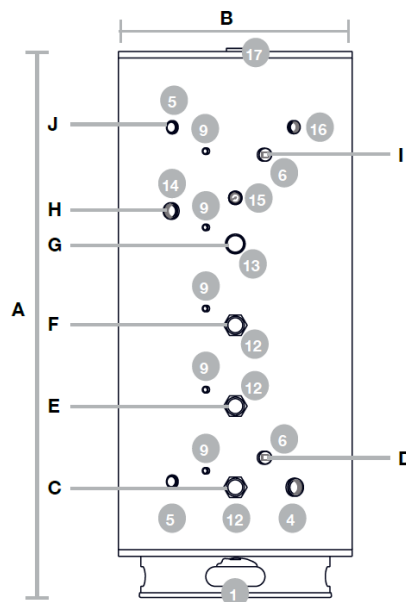
- The unit is to be a floor standing SmarTherm pre-insulated pressurized Hot Water Calorifier.
- The calorifier is to be manufactured from Duplex LDX 2101, 1mm sheet thickness and factory fitted with 2 no. temperature gauges & 1no. pressure gauge.
- The calorifier must be tested to 12 bar with a max operating pressure of 6 bar and fitted with 3no. 3kW titanium immersions.
- The calorifier should have a standing loss of no more than 119W as tested to EN12897

Constructive Specifications

Capacity (L)	600
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	121
Weight (full) kg	720
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)	119
Heat up Time (mins)	107
Max. Allowed (kW)	48
Product Code	TCGMVD-0600LFD
Energy Efficiency Class	C

Dimensions

A	2380
B	710
C	350
D	440
E	745
F	1335
G	1525
H	1840
I	2000
J	2090
K	-



- 1 Drain
- 2 Boiler Return
- 3 Solar Return
- 4 Cold Water Inlet
- 5 Temperature Gauge (fact. fitted)
- 6 Heat Source Flow&Return (28mm)
- 7 Inspection Hatch c/w Plastic Cover
- 8 Dry Sensor Pocket
- 9 Aquastat Pocket
- 10 Boiler Flow
- 11 Solar Flow
- 12 Titanium Immersion (fact. fitted)
- 13 Titanium Immersion Boss (blanked)
- 14 Secondary Return
- 15 Pressure Gauge
- 16 T&P Relief Valve
- 17 Hot Water Draw Off