



# Product Specification

Domestic Range

**D**

## 500 L Horizontal Direct

Capacity	Type	Model	Installation
500L	Unvented	Horizontal Direct	Floor Horizontal

### Descriptive Specification

- The unit is to be horizontally positioned 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	89
Weight (full) kg	587
Max. Operating Pressure (bar)	5
Test Pressure (bar)	10
Max. Working Temperature (c)	95
Heating Elements	2 No. Incoloy Immersions
Unvented Kit Components	Expansion Vessel, Inlet Control Group, Zone Valve, Cylinder Thermostat, Tundish
Heat Loss (W)	115
Annual EI. Consumption (kWh)	6052
Product Code	TCIMHD-0500LFC
Energy Efficiency %	36
Energy Efficiency Class	D

Dimensions	
Length	1880
Diameter	660

### Direct

