



Product Specification

Domestic Range

300 L Thermal Store 2.0

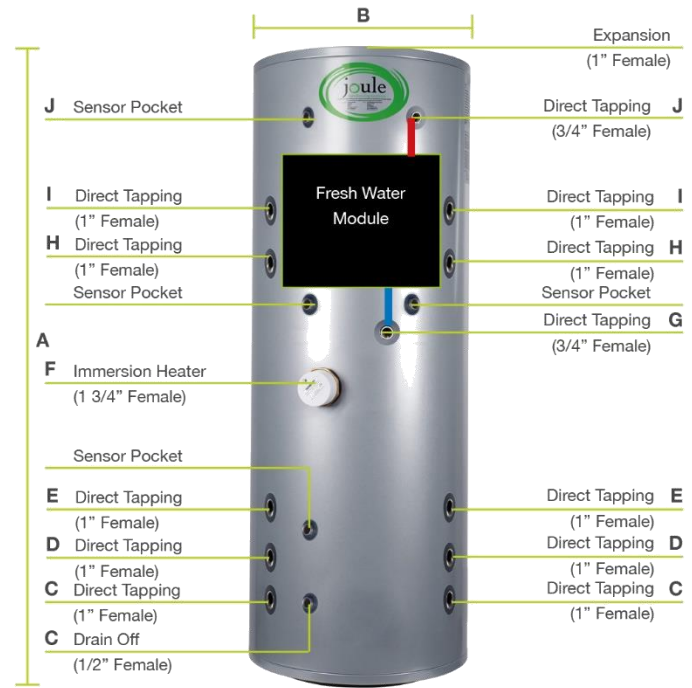
Capacity	Type	Model	Installation
300L	Unvented	Thermal Store	Floor Standing

Descriptive Specification

- The unit is to be floor standing Cyclone pre-insulated 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 92 W

Constructive Specifications

Capacity	300L
Cylinder Material	Stainless Steel Duplex LDX 2101
Thermal Insulation	Polyurethane foam CFC/HCFC Free
Coil Material	Stainless Steel Tube AISI 316L
Weight (empty) kg	64
Weight (full) kg	360
Max. Operating Pressure (bar)	5
Test Pressure (bar)	10
Working Temperatures (c)	>70
Heating Elements	1. No. Incoloy Immersion
Heat Loss (W)	92
Product Code	KCZMVI-0300LFC



Dimensions (mm)

A	1600
B	660
C	213
D	313
E	413
F	643
G	653
H	908
I	1008
J	1323

Thermal Store 2.0 Fresh Water Module Performance

Store Temperature (°C)	DHW Supply Rate		Return Temperature (°C)	Mains Temperature (°C)	DHW Supply Temperature (°C)	Store Heating Power (kW)
	(ltr/min)	(ltr/hr)				
60	12.5	750	42	15	50	30
	16.7	1000	36		49	40
	25	1500	33		45	52
	29.2	1750	27		44	59
70	12.5	750	47		50	30
	16.7	1000	40		50	41
	25	1500	29		49	59
	33.3	2000	27		44	67