



Cyclone Air Direct

PRODUCT SPECIFICATION

1. The unit is to be floor standing Cyclone pre-insulated pressurised Hot Water Cylinder
2. The cylinder is to be manufactured from Duplex LDX 2101.
3. The cylinder must be tested to 10 bar with a maximum operating pressure of 5 bar.
4. The cylinder should have an energy efficiency of 38%

DIMENSIONS

	100L	125L	150L	170L	200L	250L	300L
A	950	1005	1196	1285	1530	1785	2060
B	540	540	540	540	540	540	540

TYPE	MODEL	INSTALLATION
Unvented	Internal Expansion Direct	Floor Standing



CONSTRUCTIVE SPECIFICATIONS

	100L	125L	150L	170L	200L	250L	300L
Cylinder Material	Stainless Steel Duplex LDX 2101	Stainless Steel Duplex LDX 2101	Stainless Steel Duplex LDX 2101	Stainless Steel Duplex LDX 2101	Stainless Steel Duplex LDX 2101	Stainless Steel Duplex LDX 2101	Stainless Steel Duplex LDX 2101
Thermal Insulation	Polyurethane foam CFC-Free and HCFC Free	Polyurethane foam CFC-Free and HCFC Free	Polyurethane foam CFC-Free and HCFC Free	Polyurethane foam CFC-Free and HCFC Free	Polyurethane foam CFC-Free and HCFC Free	Polyurethane foam CFC-Free and HCFC Free	Polyurethane foam CFC-Free and HCFC Free
Casing	Painted Galvanised Carbon Steel DX51D	Painted Galvanised Carbon Steel DX51D	Painted Galvanised Carbon Steel DX51D	Painted Galvanised Carbon Steel DX51D	Painted Galvanised Carbon Steel DX51D	Painted Galvanised Carbon Steel DX51D	Painted Galvanised Carbon Steel DX51D
Coil Material	Stainless Steel Tube AISI 316L	Stainless Steel Tube AISI 316L	Stainless Steel Tube AISI 316L	Stainless Steel Tube AISI 316L	Stainless Steel Tube AISI 316L	Stainless Steel Tube AISI 316L	Stainless Steel Tube AISI 316L
Weight (empty) kg	36	30	34	37	41	49	55
Weight (full) kg	135	155	184	207	241	299	355
Max. Operating Pressure (bar)	5	5	5	5	5	5	5
Test Pressure (bar)	10	10	10	10	10	10	10
Max. Working Temperature (c)	90	90	90	90	90	90	90
Heating Elements	2 No. Incoloy Immersion	2 No. Incoloy Immersion	2 No. Incoloy Immersion	2 No. Incoloy Immersion	2 No. Incoloy Immersion	2 No. Incoloy Immersion	2 No. Incoloy Immersion
Unvented Kit Components	Unvented Kit Components Inlet Control Group, Tundish Energy 36	Unvented Kit Components Inlet Control Group, Tundish	Unvented Kit Components Inlet Control Group, Tundish Energy	Unvented Kit Components Inlet Control Group, Tundish	Unvented Kit Components Inlet Control Group, Tundish Energy	Unvented Kit Components Inlet Control Group, Tundish	Unvented Kit Components Inlet Control Group, Tundish Energy
Efficiency (%)	36	36	38	37	36	36	38
Heat up Time (mins)	59	46	57	57	81	104	129
Product Code	TCEMVB-0100LFB	TCEMVB-0125LFC	TCEMVB-0150LFC	TCEMVB-0170LFC	TCEMVB-0200LFC	TCEMVB-0250LFC	TCEMVB-0300LFC
Energy Efficiency Class	B	C	C	C	C	C	C
Load Profile	L	L	L	L	L	L	L