

ST XL Cylinders Single Coil

April 2020



Model

400L	500L	800L	1000L
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Model	Storage Volume	Litres	384	482	776	961
	Max. Working Pressure	bar	6 or 10	6 or 10	6 or 10	6 or 10
ErP Data	Standing Loss	kWh/24h	1.72	2.14	2.74	3.33
	Standing Loss	W	72	89	114	138.8
	ErP Energy Class		B	C	C	C
Connections	Lower Coil F&R Connection	Inch/BSP	1.25	1.25	1.25	1.25
	Upper Coil F&R Connection	Inch/BSP	N/A	N/A	N/A	N/A
	Secondary Return	Inch/BSP	1	1	1	1
	Inlet Connection	Inch/BSP	1.25	1.25	1.5	1.5
	Outlet Connection	Inch/BSP	2	2	2	2
	Drain Connection	Inch/BSP				
Cylinder Data	Primary Coil Rating	kW	59.7	55.8	76.9	76.5
	Primary Coil Rate	litre/min	60	60	60	60
	Heat Up Time	Minutes	21	28	32	39
	Lower Coil Surface Area	m ²	2	2	3	3
	Upper Coil Surface Area	m ²	N/A	N/A	N/A	N/A
	Maximum Pressure in Coil	bar	3	3	3	3
Model Dimension	Weight Full	kg	505	610	964	1188
	Weight Empty	kg	105	110	164	188
	Insulation Thickness	mm	100	100	100	100
	Height of Cylinder	mm	1535	1804	1906	2301
	Diameter of Cylinder	mm	872	872	1024	1024
Service Clearance	Front	mm	250	250	250	250
	Sides	mm	250	250	250	250
	Above	mm	300	300	300	300
Shipping	Width	mm	980	980	1120	1160
	Depth	mm	1180	1180	1220	1250
	Height	mm	1625	1920	2025	2450
	Weight	kg	136	137	202	258
Unvented Kit	Item Code		90002539/2544	90002539/2544	90002540/2545	90002541/2546

Notes

Temperature & Pressure valve factory fitted into cylinders.
Pressure setting, 10 to 15 bar depending on model.
Temperature setting, 90 degC.

Optional accessories include:

A range of immersion heaters from 6kW single-phase to 54kW 3-phase. See manual for allocation.
De-stratification pump kits
Temperature gauge
Pressure gauge

Sales 0345 070 1055

Technical 0345 070 1057

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Model

	1250L	1450L	2000L	2500L
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Model	Storage Volume	Litres	1206	1399	1930	2482
	Max. Working Pressure	bar	6 or 10	6 or 10	6 or 10	6 or 10
ErP Data	Standing Loss	kWh/24h	3.60	4.17	4.30	4.50
	Standing Loss	W	150	174	179	N/A
	ErP Energy Class		C	C	C	N/A
Connections	Lower Coil F&R Connection	Inch/BSP	1.5	1.5	1.5	1.5
	Upper Coil F&R Connection	Inch/BSP	N/A	N/A	N/A	N/A
	Secondary Return	Inch/BSP	1	1	1	1
	Inlet Connection	Inch/BSP	1.5	1.5	2	2
	Outlet Connection	Inch/BSP	2	2	2	2
	Drain Connection	Inch/BSP				
Cylinder Data	Primary Coil Rating	kW	97.9	91.7	132.2	126.4
	Primary Coil Rate	litre/min	60	60	60	60
	Heat Up Time	Minutes	40	50	48	62
	Lower Coil Surface Area	m ²	5	5	7.5	7.5
	Upper Coil Surface Area	m ²	N/A	N/A	N/A	N/A
	Maximum Pressure in Coil	bar	3	3	3	3
Model Dimension	Weight Full	kg	1569	1872	2445	2950
	Weight Empty	kg	319	322	445	450
	Insulation Thickness	mm	100	100	100	100
	Height of Cylinder	mm	1936	2253	2014	2419
	Diameter of Cylinder	mm	1224	1224	1470	1470
Service Clearance	Front	mm	250	250	250	250
	Sides	mm	250	250	250	250
	Above	mm	300	300	300	300
Shipping	Width	mm	1300	1360	1600	1600
	Depth	mm	1310	1470	1700	1700
	Height	mm	2110	2420	2190	2500
	Weight	kg	361	458	497	497
Unvented Kit	Item Code		90002542/2547	90002542/2547	90002543/2548	90002543/2548

Notes

Temperature & Pressure valve factory fitted into cylinders.
 Pressure setting, 10 to 15 bar depending on model.
 Temperature setting, 90 degC.

Optional accessories include:

- A range of immersion heaters from 6kW single-phase to 54kW 3-phase. See manual for allocation.
- Destratification pump kits
- Temperature gauge
- Pressure gauge

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