

Information inspection access to the cylinder is available by removal of the immersion heater boss.

4.5 Technical data table

Capacity		150l	180l	200l	250l	300l
Footprint (minimum, diameter)	mm	595	595	595	604	604
Height (housing without connections)	mm	1192	1372	1594	1485	1750
Minimum ceiling height required	mm	1424	1774	2034	2344	2500
Maximum design pressure	bar	7				
Cylinder						
Tested in accordance with		EN 12897:2006				
Normal operating pressure	bar	3				
Cold connection (CW)		22 mm				
Hot connection (DHW)		22 mm				
Pressure reducing valve pressure	bar	3				
Cylinder T&P	°c/bar	90/7				
Expansion Valve setting	bar	6				
Expansion Vessel pressure	bar	3				
Max design pressure - Coil	bar	16				
Max primary operating pressure	bar	3				
Max working temperature - tank	°c	85				
Max operating pressure - vessel	bar	6				
Max design pressure - Tank	bar	7				
Immersion heater						
Electrical Supply	V~	240 (Single phase)				
Amp	A	12.5				
Electric protection grade		IP24				
Electric Heater Rating	kW	3				
EPS Insulation (NeoPor grade)						
Thickness	mm	50				

50

Capacity		150l	180l	200l	250l	300l
Indirect Cylinder						
Coil Surface area	m³	0.78	0.78	0.78	0.78	0.78
Coil Rating	kW	22.9	22.9	22.9	22.9	22.9
Coil length	m	11.3	11.3	11.3	11.3	11.3
Actual water volume	l	147.7	175.9	210.8	247.8	299.2
Weight when empty	kg	26.8	29.7	34.1	38	43.2
Weight when full	kg	174	205	245	285	342
Reheat times15°C– 60°C	min	20	23	28	33	39
Primary heater pressure drop	mb	124	124	124	124	124
Primary flow rate	l/h	1400	1400	1400	1400	1400
Heat Loss	W	60	67	77	89	103
Heat Loss EN 12897:2006	kWh/24h	1.43	1.62	1.86	2.13	2.53
Immersion heater (Capacity)	Qty (kW)	1 (3kW)	1 (3kW)	1 (3kW)	1 (3kW)	1 (3kW)
Energy Rating EU		C	C	C	C	D
Max operating temperature fluid	°c	90				
Direct Cylinder						
Actual water volume	l	151.9	180.2	215.1	252.1	303.5
Weight when empty	kg	26.7	28.7	32.5	38.6	42.2
Weight when full	kg	179.6	210.5	249.7	292.7	346.7
6 kW Reheat time15°C– 60°C	min	93	112	130	155	186
Heat Loss	W	62	70	80	91	105
Heat Loss EN 12897:2006 -	kWh/24h	1.48	1.68	1.92	2.19	2.53
Immersion heater (Capacity)	Qty (kW)	2 (6kW)	2 (6kW)	2 (6kW)	2 (6kW)	2 (6kW)
Energy Rating EU		C	C	C	C	D
Max operating temperature fluid	°c	90				
Indirect Heat Pump Cylinder						
Coil Surface area	m3	1.42	1.92	2.42	2.55	2.98
Coil Rating	kW	28.9	35.5	41.5	41.7	40.9
Coil length	m	16	21.8	27.5	29	33.9
Actual water volume	l	142.1	167.3	199.6	234.2	283.4
Weight when empty	kg	30.6	36.5	43.9	48.6	56.4
Weight when full	Kg	172	204	244	282	340
Reheat times15°C– 60°C	min	13	13	14	16	18
Primary heater pressure drop	mb	45	61	78	81	95
Primary flow rate	l/h	1400	1400	1400	1400	1400
Heat Loss	W	64.6	72.1	81.7	89.2	101.7
Heat Loss EN 12897:2006	kWh/24h	1.55	1.73	1.96	2.14	2.44
Immersion heater (Capacity)	Qty (kW)	1 (3kW)	1 (3kW)	1 (3kW)	1 (3kW)	1 (3kW)
Energy Rating EU		C	C	C	C	D
Max operating temperature fluid	°c	90				