

Hot Water Calorifiers

Technical Specifications																
Product Name		S-DW-I 130	S-DW-I 190	S-DW-I 260	S-DW-I 400	S-DW-I 600		S-HW-S 215	S-HW-S 255	S-HW-S 305	S-HW-S 400	S-HW-S 500		ATC-CC 300	ATC-CC 400	ATC-CC 500
Type								Single Coil with Immersion						Single Coil with Anode		
Principal Material								Stainless Steel 316L						Glass Lined Enamel		
Maximum Thermal Absorption	kW	30	31	44	59	72		20	20	20	27	27		59.5	73.85	73.85
Surface Area of Heating Coil	m ²	1.2	1.2	1.6	2.4	3		0.75	0.75	0.75	1	1		2.1	2.6	2.6
Supplied Immersion Heater	kW	2.2	2.2	2.5	2.5	4.5		3	3	3	3	3		N/A	N/A	N/A
Complete Storage Capacity	litres	130	191	256	365	608										
Primary Tank Storage	litres	30	41	56	65	108										
DHW Tank Storage	Litres	100	150	200	300	500		215	255	305	400	500		295	390	488
Maximum Heating Coil Pressure	bar	3	3	3	3	3		10	10	10	10	10		10	10	10
Maximum Heating Coil Temperature	OC	110	110	110	110	110		100	100	100	100	100		110	110	110
Maximum Cylinder Pressure	bar	8	8	8	8	8		6	6	6	6	6		6	6	6
Maximum Cylinder DHW Temperature	OC	90	90	90	90	90		90	90	90	90	90		95	95	95
Primary Flow Rate	m ³ /hr	5	5	6	6	6		0.9	0.9	0.9	0.9	0.9		4.25	6.1	6.1
Primary Coil Hydraulic Resistance	kPa	4	4.2	9	8	6.5		17.48	17.48	17.48	17.48	17.48		11.5	16	16
Water Output														Water Output Based on = 10c Cold Water; 80c Primary Flow Temperature		
Continuous Output at 45°C	l/h	738	738	1009	1388	1542		492	492	492	664	664		1100	1400	1400
1st Hour Output at 45°C with full tank	l	840	954	1290	1777	2288		799	856	928	1235	1378		1521	1957	2097
Continuous Output at 60°C	l/h	396	416	551	780	877		344	344	344	465	465		850	1050	1050
1st Hour Output at 60°C with full tank	l	515	590	755	1060	1290		581	625	680	905	1015		1145	1440	1538
Heating Up Time 10 - 60°C	min	29	41	43	46	51		41.8	49.3	59	57.3	71.7		23	25	31
Dimensions																
Height	mm	1155	985	1240	1725	1730		1666	1884	2150	1522	1896		1350	1700	2050
Diameter	mm	480	620	620	620	770		576	576	576	756	756		720	720	720
ErP Class		B	B	B	C	C		C	C	C	D	D		C	C	C
Standing Loss of Tank	kWh/24h	1.2	1.39	1.51	2.38	2.47		1.72	1.87	2.05	2.66	3.22		2.1	2.8	3.5
Primary Flow / Return Connection	Inch	1"	1"	1"	1"	1 1/2"		3/4"	3/4"	3/4"	3/4"	3/4"		1 1/4"	1 1/4"	1 1/4"
Cold Water Mains In Connection	Inch	3/4"	3/4"	3/4"	1"	1"		3/4"	3/4"	3/4"	1"	1"		1 1/4"	1 1/4"	1 1/4"
DHW Outlet Connection	Inch	3/4"	3/4"	3/4"	1"	1"		3/4"	3/4"	3/4"	1"	1"		1 1/4"	1 1/4"	1 1/4"
DHW Secondary Return	Inch	3/4"	3/4"	3/4"	1"	1"		1/2"	1/2"	1/2"	1/2"	1/2"		1"	1"	1"
Power Supply	Volts / Hz	230 / 50	230 / 50	230 / 50	230 / 50	230 / 50		230 / 50	230 / 50	230 / 50	230 / 50	230 / 50		230 / 50	30 / 50	30 / 50
Dry Weight	Kg	52	65	78	107	151		50	55	60	68	78		200	240	280