

# 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-DW-I 1000			S-HW-S 215	S-HW-S 255	S-HW-S 305	S-HW-S 400	S-HW-S 500		ATI-CC 300	ATI-CC 400	ATI-CC 500
Type		Tank in Tank with Immersion								Single Coil with Immersion						Single Coil with Anode		
Principal Material		Stainless Steel 316L								Stainless Steel 316L						Glass Lined Enamel		
Maximum Thermal Absorption	kW	37	39	53	72	85	132			20	20	20	27	27		59.5	73.85	73.85
Surface Area of Heating Coil	m <sup>2</sup>	1.2	1.2	1.6	2.4	3	4			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	12			3	3	3	3	3		N/A	N/A	N/A
Complete Storage Capacity	litres	122	187	249	351	570	955											
Primary Tank Storage	litres	30	41	56	65	108	243											
DHW Tank Storage	litres	92	146	193	286	462	712			215	255	305	400	500		295	390	488
Maximum Heating Coil Pressure	bar	3	3	3	3	3	3			10	10	10	10	10		10	10	10
Maximum Heating Coil Temperature	°C	110	110	110	110	110	110			100	100	100	100	100		110	110	110
Maximum Cylinder Pressure	bar	8	8	8	8	8	10			6	6	6	6	6		6	6	6
Maximum Cylinder DHW Temperature	°C	90	90	90	90	90	90			90	90	90	90	90		95	95	95
Primary Flow Rate	m <sup>3</sup> /hr	5	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	8.5			17.48	17.48	17.48	17.48	17.48		11.5	16	16
Water Output		Based on 10°C Cold Water; 80°C Primary Flow Temperature																
Continuous Output at 45°C	l/h	738	738	1009	1403	1599	2300			492	492	492	664	664		1100	1400	1400
1st Hour Output at 45°C with full tank	l	869	947	1285	1812	2259	3317			799	856	928	1235	1378		1521	1957	2097
Continuous Output at 60°C	l/h	396	413	551	792	896	1300			344	344	344	465	465		850	1050	1050
1st Hour Output at 60°C with full tank	l	488	559	744	1078	1358	2012			581	625	680	905	1015		1145	1440	1538
Heating Up Time 10 - 60°C	min	16	24	24	25	35	37			41.8	49.3	59	57.3	71.7		23	25	31
Dimensions																		
Height	mm	1155	985	1240	1725	1730	2250			1666	1884	2150	1522	1896		1350	1700	2050
Diameter	mm	480	620	620	620	770	950			576	576	576	756	756		720	720	720
ErP Class		B	B	B	C	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	2.71			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"	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"	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"	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"			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		230 / 50	230 / 50	230 / 50
Dry Weight	Kg	52	65	78	107	151	239			50	55	60	68	78		200	240	280