



FLEXIHEAT UK LTD  
www.flexiheatuk.com  
01202 822221



## FOR DOMESTIC HOT WATER PRODUCTION FROM HEAT PUMPS OR BOILERS - EXTRA LARGE COIL - FOR HIGH RECOVERY RATES

Can be used with gas,oil,biomass or electric boilers and heat pumps

High performance coil heat exchanger for exceptionally fast recovery times

Anti-Legionella hot water cylinder design

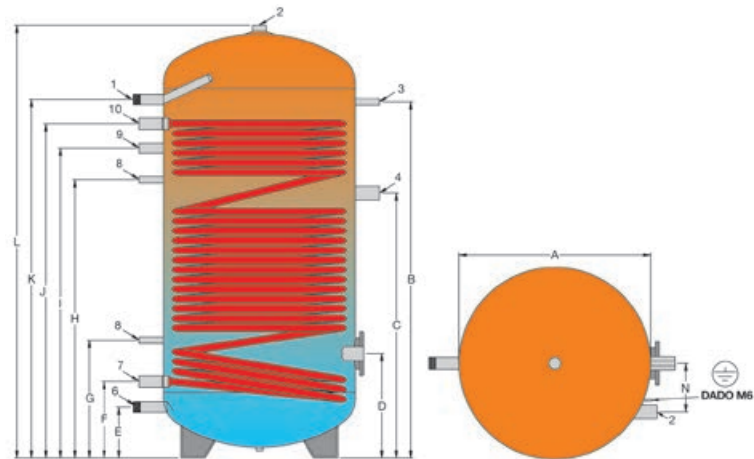
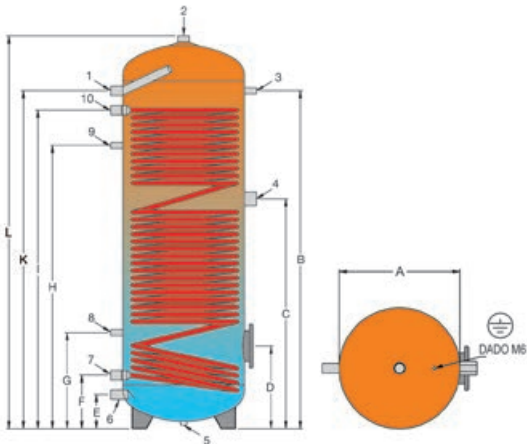
50 or 70mm of CFC / HCFC-free injected foam for the best possible heat retention and energy efficiency on the 200 to 500 models - 100mm polyester fibre on the 800 to 2000 models - that meet the ErP regulations

Stainless Steel calorifier for optimum corrosion resistance

Stainless steel "S" ELC Large coil Indirect water heater in AISI 316L stainless steel with 1 fixed pipe-coil. Insulation: Foamed hard polyurethane layer 70 mm (models 200 to 500 Litres), polyester fibre 100 mm (models 800 to 2000 Litres).

"S" ELC 200 to 500

"S" ELC 800 to 2000



Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N
<b>200</b>	500	1015	735	320	113	220	370	835	990	-	1107	1215	-	-
<b>300</b>	500	1390	945	340	113	220	395	1165	1310	-	1390	1615	-	-
<b>400</b>	650	1195	835	365	143	270	440	960	1150	-	1292	1430	-	-
<b>500</b>	650	1425	970	370	143	270	425	1170	1330	-	1415	1690	-	-
<b>800</b>	790	1485	1030	435	200	350	510	1195	1295	1390	1485	1805	-	-
<b>1000</b>	790	1720	1315	460	200	345	515	1425	1525	1625	1730	2030	-	-
<b>1500</b>	1000	1890	1350	540	280	390	575	1350	1525	1775	1890	2105	-	230
<b>2000</b>	1200	1890	1365	565	280	400	655	1385	1560	1790	1890	2150	-	230

INOX

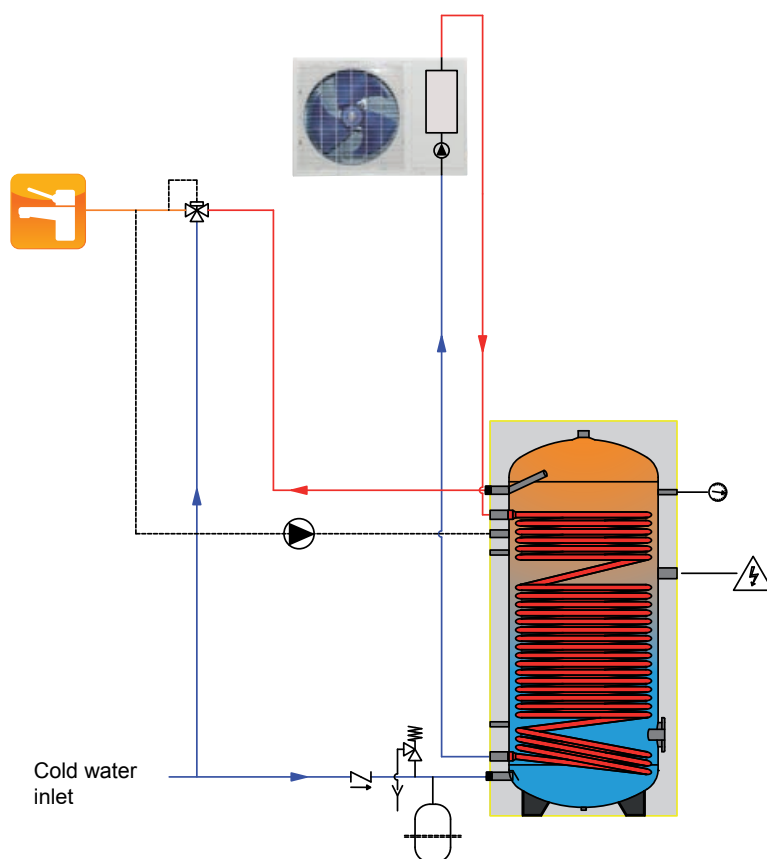
# Stainless steel large coil - "S" ELC range

## TECHNICAL DATA

<b>S/S - "S" ELC model details</b>		Stainless steel 316								
		<b>200</b>	<b>300</b>	<b>400</b>	<b>500</b>	<b>800</b>	<b>1000</b>	<b>1500</b>	<b>2000</b>	
Storage volume	l	190	263	374	470	702	900	1300	2035	
Energy class - Standing loss with PU foamed injected insulation	70 mm	B 51 W	B 63 W	B 74 W	B 80 W	-	-	-	-	
Energy class - Standing loss with polyester fibre	100 mm	-	-	-	-	C 130 W	C 142 W	C 162 W	C 186 W	
Total height with insulation	mm	1215	1615	1430	1690	1855	2080	2175	2220	
Tipping dimension / Diagonal size	mm	1375	1735	1700	1900	1900	2090	2280	2295	
Tank diameter with 70 mm PU foamed hard polyurethane	ø mm	640	640	790	790	-	-	-	-	
Tank diameter with 100 mm polyester fibre	ø mm	-	-	-	-	990	990	1200	1400	
Heat exchanger pipe coil surface area	m <sup>2</sup>	2.3	3.1	3.3	3.8	4.6	5.3	8.0	9.0	
Heat exchanger Pipe coil water capacity	l	17	23	25	28	34	39	68.5	102	
Heating water flow rate @	60-50°C	m <sup>3</sup> /h	1	1.3	1.5	1.7	2.2	2.5	3.5	5.8
Heat delivered @	60-50°C	kW	11	15	17	20	25	29	45	68
Output sanitary water	10-45°C	m <sup>3</sup> /h	0.3	0.4	0.4	0.5	0.6	0.7	1.1	1.7
Pressure @	60-50°C	mbar	40	60	80	100	120	180	620	2020
Heating water flow rate @	80-60°C	m <sup>3</sup> /h	2.4	3.3	3.5	4.3	4.9	5.7	8.6	9.7
Heat delivered @	80-60°C	kW	57	77	82	95	115	132	200	225
Output sanitary water	10-45°C DIN 4708	m <sup>3</sup> /h	1.4	1.9	2	2.3	2.8	3.2	4.9	5.5
Pressure loss @	80-60°C	mbar	230	380	430	640	650	935	3010	5650
Power code	DIN 4708	NL	8	10	12	14	22	26	55	84
Weight empty	kg	72	95	123	125	153	172	290	360	
Maximum tank working pressure of the tank	bar	6								
Maximum working pressure of the heat exchanger	bar	10								
Maximum working-temperature of the tank	°C	95								

N° CONNECTOR TYPE	MODEL			
	200 - 300	400 - 500	800 - 1000	1500 - 2000
1. Domestic hot water outlet	1"	1"	1" 1/4	1" 1/2
2. A free port up to 1000 Litre - Anode on the 1500 & 2000 Litre	1" 1/4	1" 1/4	1" 1/2	1" 1/2
3. Thermometer / Sensor pocket	1/2"	1/2"	1/2"	1/2"
4. Immersion heater port	1" 1/2	1" 1/2	1" 1/2	1" 1/2
5. Blind connection for transportation fasting (not a port)	1/2"	1/2"	-	-
6. Cold water inlet	1"	1"	1" 1/4	1" 1/2
7. Heat exchanger outlet	1"	1" 1/4	1" 1/4	1" 1/4
8. Sensor pocket	1/2"	1/2"	1/2"	1/2"
9. Re-circulation tapping	1/2"	1/2"	1"	1"
10. Heat exchanger inlet	1"	1" 1/4	1" 1/4	1" 1/4

Typical Install Schematic



N.B. . .  
 . . . Diagrams illustrating the operation but do not replace the project work.

INOX	Model	thickness insulation 70 mm
		code
	200	1X5920F
	300	1X5930F
	400	1X5940F
	500	1X5950F



inox

INOX	Model	polyester fibre 100 mm	storage tank without insulation	INSULATION ONLY
		code	code	100 mm polyester fibre
	800	1X59805	1X5980Z	1AXM805
	1000	1X59A05	1X59A0Z	1AXMA05
	1500	1X59A55	1X59A5Z	1AXMA55
	2000	1X59B05	1X59B0Z	1AXMB05