

heizer



STAINLESS STEEL CALORIFIERS SERIES **SXX-I**

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The **SXX-I** range of Heizer **stainless steel calorifiers** offer the designers and end-users the highest quality of water heating cylinders, manufactured with **PAW** (Plasma Arc Welding) and **TIG** (Tungsten Inert Gas) welding process.

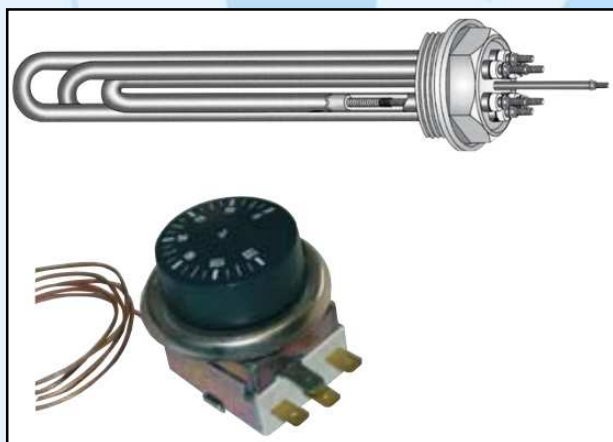
The stainless steel cylinders come complete with **two coils**, also manufactured in **stainless steel**.

Insulation is provided via **rigid polyurethane** (30 mm.) for models up to 1000 liters, and **foam polyurethane** (50 mm.) for models over 1000 liters, encased with a removable outer PVC JACKET.

The maximum performance pressure is 8 bar for the **cylinder** and 12 bar for the **heating coils**.

The whole range is available in **vertical** format only to suit the application.

- Storage from **200 to 3000 litres**
- Suitable for unvented/vented systems

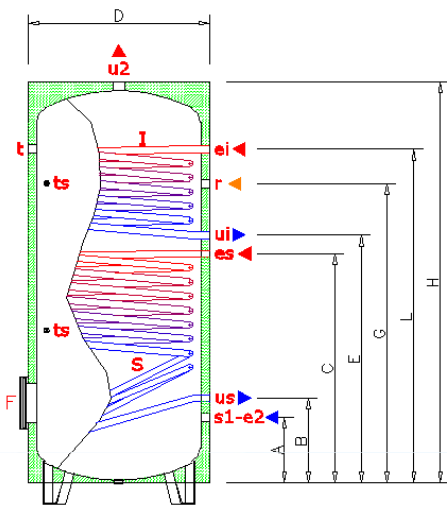


A **stainless steel** immersion heater, from 5 to 10 kW, together with a working thermostat and a hi-limit thermostat, can be supplied on request.

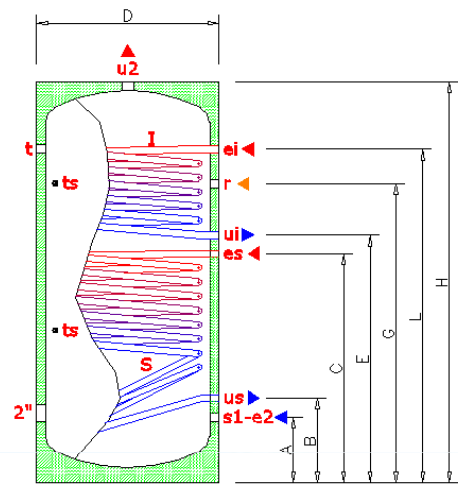
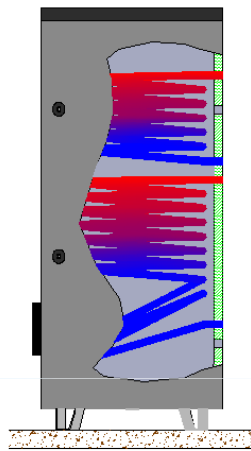
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Pos	Description	Pos	Description
e1	Extra Inlet	r	Secondary return 3/4" (1 1/4" over 1000 l)
ui	Extra outlet	l	Extra coil
es	Solar inlet	S	Coil
us	Solar outlet	t	Thermometer conn. 1/2"
e2	Cold water Inlet	F	Inspection flange only for 1500+ liters
u2	Hot water outlet		
s1	Drain		
ts	Thermostat conn. 1/2"		



≥ 1000 LITERS



< 1000 LITERS

Dimensions

	Storage	A	B	C	D	E	G	H	L	Weight	Exchanger Connections	Water Connections	
	<i>l</i>	<i>mm</i>	<i>mm</i>	<i>mm</i>	<i>mm</i>	<i>mm</i>	<i>mm</i>	<i>mm</i>	<i>mm</i>	<i>Kg</i>	<i>e1-u1</i> <i>es-us</i>	<i>e2</i>	<i>u2</i>
SXX-I-2	200	200	295	660	520	790	910	1295	1055	60	1"	1"	1 1/4"
SXX-I-3	300	215	290	730	620	840	960	1340	1100	75	1"	1"	1 1/4"
SXX-I-5	500	250	335	885	720	1010	1195	1615	1340	100	1"	1 1/4"	1 1/4"
SXX-I-8	800	340	440	1000	870	1130	1295	1805	1455	175	1 1/4"	1 1/2"	1 1/2"
SXX-I-10	1000	340	440	1140	870	1280	1435	2055	1605	195	1 1/4"	1 1/2"	1 1/2"
SXX-I-15	1500	435	545	1145	1050	1295	1535	2400	1775	240	1 1/4"	2"	2"
SXX-I-20	2000	455	565	1345	1200	1495	1735	2450	1975	285	1 1/4"	2"	2"
SXX-I-30	3000	510	620	1400	1350	1550	1790	2760	2030	350	1 1/4"	2"	2"

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Technical Features											
	Storage	Solar coil duty *	Continuous rate *			Pressure drop	Extra coil duty *	Continuous rate *			Pressure drop
	<i>l</i>	<i>kW</i>	<i>l/h Δt</i> 35°C	<i>l/10' Δt</i> 35°C	<i>l/60' Δt</i> 35°C	<i>mbar</i>	<i>kW</i>	<i>l/h Δt</i> 35°C	<i>l/10' Δt</i> 35°C	<i>l/60' Δt</i> 35°C	<i>mbar</i>
SXX-I-2	200	26	638	335	867	0,4	18	442	176	545	0,2
SXX-I-3	300	40	982	549	1368	1,2	20	491	236	645	0,2
SXX-I-5	500	55	1366	870	2009	3,0	32	786	388	1043	0,7
SXX-I-8	800	71	1744	1319	2773	2,1	41	1007	533	1373	0,5
SXX-I-10	1000	86	2113	1637	3398	3,7	41	1007	625	1464	0,5
SXX-I-15	1500	107	2629	2152	4343	4,1	86	2113	1037	2798	3,3
SXX-I-20	2000	140	3440	2859	5725	5,3	86	2113	1037	2798	3,3
SXX-I-30	3000	140	3440	4001	6868	5,3	86	2113	1037	2798	3,3

*	Primary temperature 80/70°C
	Secondary temperature 10/45°C

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