

General		Sx 90 S	Sx 130 S	Sx 190 S	Sx 260 S	Sx 400 S	Sx 600 S	Sx 1000 S
Total capacity	l	80	122	187	249	321	570	955
Exchange surface	m ²	0,8	1	1,2	1,6	2,4	3,1	4
Standing heat loss	W	45	50	58	63	99	103	113
Energy efficiency class		B	B	B	B	C	C	C
Range of energy efficiency classes		A+ → F	A+ → F	A+ → F	A+ → F	A+ → F	A+ → F	A+ → F
Primary circuit		Sx 90 S	Sx 130 S	Sx 190 S	Sx 260 S	Sx 400 S	Sx 600 S	Sx 1000 S
Primary tank capacity	l	21	30	41	56	65	108	243
Max primary temperature	°C	110	110	110	110	110	110	110
Operating primary temperature	°C	85	85	85	85	85	85	85
Max primary operating pressure	bar	3	3	3	3	3	3	3
Secondary (DHW) circuit		Sx 90 S	Sx 130 S	Sx 190 S	Sx 260 S	Sx 400 S	Sx 600 S	Sx 1000 S
Secondary (DHW) tank capacity	l	59	92	146	193	256	462	712
Max DHW tank temperature	°C	90	90	90	90	90	90	90
Max DHW tank operating pressure	bar	8	8	8	8	8	8	8
Domestic Hot Water Performance ⁽¹⁾		Sx 90 S	Sx 130 S	Sx 190 S	Sx 260 S	Sx 400 S	Sx 600 S	Sx 1000 S
Peak flow at 40 °C first 10 minutes	l/10'	262	428	570	920	945	1430,333	2380
Peak flow at 45 °C first 10 minutes	l/10'	180	287	421	594	810	1226	2040
Peak flow at 60 °C first 10 minutes	l/10'	110	183	270	356	516	789	1314
Peak flow at 40 °C first hour	l/60'	898	1551	1682	2982	3163,513	3576	5269,895
Peak flow at 45 °C first hour	l/60'	597	1046	1199	1862	2389	2936	4902
Peak flow at 60 °C first hour	l/60'	270	569	688	973	1357	1700	2837
Continuous flow rate at 40 °C	l/h	565	960	980	1400	2063,833	2432,5	4071,667
Continuous flow rate at 45 °C	l/h	470	920	947	1336	1769	2085	3490
Continuous flow rate at 60 °C	l/h	265	545	548	873	1028	1241	2070
Charging time (from 10° to 60 °C)	min	18	20	25	24	23	32	36
Primary flow rate	m ³ /h	1,5	3,2	3,4	4,7	6,2	7,3	12,2
Max power - heat exchanger	kW	20	40	41	57,5	61	76	112

(1) Operating conditions: Primary T = 85 °C; Cold water inlet T = 10 °C.

Dimensions		Sx 90 S	Sx 130 S	Sx 190 S	Sx 260 S	Sx 400 S	Sx 600 S	Sx 1000 S
External diameter (A)	mm	480	480	620	620	620	770	950
Overall height (B)	mm	749	1155	983	1239	1724	1730	2250
Empty weight	kg	35	51	64	78	106	151	239

Connections		Sx 90 S	Sx 130 S	Sx 190 S	Sx 260 S	Sx 400 S	Sx 600 S	Sx 1000 S
Inlet - DHW circuit		G3/4	G3/4	G3/4	G3/4	G1	G1	G1 1/4
Outlet - DHW circuit		G3/4	G3/4	G3/4	G3/4	G1	G1	G1 1/4
DHW recirculation		G3/4	G3/4	G3/4	G3/4	G1	G1	-
Air vent		G1/8	G1/8	G1/8	G1/8	G1/8	G1/8	G1/2
Outlet - space heating circuit		G1	G1	G1	G1	G1	G1 1/2	G2
Inlet - space heating circuit		G1	G1	G1	G1	G1	G1 1/2	G2

