

General		Sx 140	Sx 180	Sx 215	Sx 260	Sx 400	Sx 600	Sx 1000
Total capacity	l	138	176	214	252	355	574	955
Exchange surface	m ²	0,9	1,2	1,6	1,9	2,2	2,8	4
Standing heat loss	W	49	53	56	61	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 140	Sx 180	Sx 215	Sx 260	Sx 400	Sx 600	Sx 1000
Primary tank capacity	l	46	49	53	56	90	141	243
Max primary temperature	°C	110	110	110	110	110	110	110
Max primary operating pressure	bar	3	3	3	3	3	3	3
Secondary (DWH) circuit		Sx 140	Sx 180	Sx 215	Sx 260	Sx 400	Sx 600	Sx 1000
Secondary (DHW) tank capacity	l	92	127	161	196	265	433	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 140	Sx 180	Sx 215	Sx 260	Sx 400	Sx 600	Sx 1000
Peak flow at 40 °C first 10 minutes	l/10'	422	522	655	770	1148	1658	2752
Peak flow at 45 °C first 10 minutes	l/10'	312	389	484	569	847	1229	2040
Peak flow at 60 °C first 10 minutes	l/10'	199	249	309	363	536	791	1314
Peak flow at 40 °C first hour	l/60'	1382	1493	2159	2523	3366	4159	6808
Peak flow at 45 °C first hour	l/60'	989	1112	1545	1806	2411	2994	4902
Peak flow at 60 °C first hour	l/60'	466	634	874	1022	1368	1731	2837
Continuous flow rate at 40 °C	l/h	1017	1029	1594	1857	2208	2650	4297
Continuous flow rate at 45 °C	l/h	826	882	1293	1508	1793	2161	3490
Continuous flow rate at 60 °C	l/h	489	517	773	881	1041	1283	2070
Charging time (from 10° to 60 °C)	min	23	23	21	21	23	32	36
Primary flow rate	m ³ /h	2,9	3,1	4,6	5,2	6,3	7,6	12,2
Max power - heat exchanger	kW	35	36	56	65	77	92	150

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

Dimensions		Sx 140	Sx 180	Sx 215	Sx 260	Sx 400	Sx 600	Sx 1000
External diameter (A)	mm	560	560	560	560	620	770	950
Overall height (B)	mm	1029	1279	1529	1767	1722	1728	2250
Empty weight	kg	49	59	70	80	90	133	239

Connections		Sx 140	Sx 180	Sx 215	Sx 260	Sx 400	Sx 600	Sx 1000
Inlet - DHW circuit		G3/4	G3/4	G3/4	G1	G1	G1	G1 1/4
Outlet - DHW circuit		G3/4	G3/4	G3/4	G1	G1	G1	G1 1/4
DHW recirculation		G3/4	G3/4	G3/4	G1	G1	G1	G1 1/4
Air vent		G3/4	G3/4	G3/4	G1	G1	G1	G1 1/4
Outlet - space heating circuit		G1	G1	G1	G1	G1 1/2	G1 1/2	G1 1/2
Inlet - space heating circuit		G1	G1	G1	G1	G1 1/2	G1 1/2	G1 1/2
Optional immersion electric heater connection		G2	G2	G2	G2	G2	G2	G2
Add. primary circuit return connection (lower)		G1	G1	G1	G1	G1 1/2	G1 1/2	G1 1/2
Add. primary circuit return connection (midway)		-	G1	G1	G1	G1 1/2	G1 1/2	-

