



COMBINED FLOOR STANDING WATER HEATERS WITH TWO HEAT EXCHANGERS - S2 / (I) - water heater made of chrome-nickel steel

PARAMETERS									
Model	...	FV15062(I)S2	FV20060(I)S2	FV20067(I)S2	FV30067(I)S2	FV50080(I)S2	FV50085(I)S2	FV75011(I)S2	FV10011(I)S2
Volume range	...	150	200	200	300	500	500	750	1000
Energy efficiency class	...	B	B	B	B	B	B	A	B
Rated pressure	MPa	0.8	0.8	0.8	0.8	0.8	0.8	0.6	0.6
Rated voltage	V	230~	230~	230~	230~ / 400 3N~	230~ / 400 3N~	230~ / 400 3N~	400 3N~	400 3N~
Rated electrical power	kW	3	3	3	3 / 6 / 9	3 / 6 / 9	3 / 6 / 9	9 / 12	9 / 12
Lower heat exchanger surface area / (l)	m ²	0.67 / (0.94)	0.90 / (1.20)	0.86 / (1.13)	1.12 / (1.28)	1.85 / (2.35)	1.85 / (2.35)	2.03 / (2.78)	3.04 / (3.59)
Lower heat exchanger inside volume / (l)	L	3.23 / (7.19)	4.33 / (9.15)	4.18 / (8.62)	5.44 / (9.76)	12.15 / (17.67)	12.15 / (17.67)	13.34 / (21.26)	19.95 / (27.46)
Thermal power lower heat exchanger according / (l) EN 12897 (15-60°C;15l/min;80°C)	kW	10.6	15.9	16.6	18.1	27.6	27.6	25	32.3
Warm-up time from 15-60 °C with lower heat exchanger (15 l/min; 80°C) (EN 12897)	min	32	30	26	30	44	43	65	70
Lower heat exchanger pressure drop / (l) (EN 12897)	mbar	80 / (40)	80 / (50)	80 / (50)	75 / (80)	40 / (140)	40 / (140)	30 / (150)	35 / (160)
Upper heat exchanger surface area / (l)	m ²	0.30 / (0.44)	0.38 / (0.56)	0.35 / (0.50)	0.86 / (0.82)	1.15 / (1.39)	1.15 / (1.39)	1.22 / (1.68)	2.03 / (2.49)
Upper heat exchanger inside volume / (l)	L	1.44 / (3.33)	1.82 / (4.31)	1.67 / (3.86)	4.18 / (6.28)	7.63 / (10.29)	7.63 / (10.29)	7.99 / (12.86)	13.34 / (19.06)
Standing loss	W	49	49	46	52	76	62	67	82
Gross weight/ (l)	kg	67 / (54)	84 / (60)	77 / (57)	98 / (72)	166 / (123)	170 / (126)	253 / (214)	292 / (225)
Insulation type	...	Rigid foam	Rigid foam	Rigid foam	Rigid foam	Rigid foam	Rigid foam	Rigid foam	Rigid foam
CONNECTIONS									
1: Thermometer		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
2: Upper heating coil - Feed		G3/4 F	G3/4 F	G3/4 F	G3/4 F	G1 F	G1 F	G1 F	G1 F
3: Upper heating coil - Return		G3/4 F	G3/4 F	G3/4 F	G3/4 F	G1 F	G1 F	G1 F	G1 F
4: Additional socket		G1 1/2 F	G1 1/2 F	G1 1/2 F	G1 1/2 F	G1 1/2 F	G1 1/2 F	G1 1/2 F	G1 1/2 F
5: Lower heating coil - Feed		G3/4 F	G3/4 F	G3/4 F	G3/4 F	G1 F	G1 F	G1 F	G1 F
6: Lower heating coil - Return		G3/4 F	G3/4 F	G3/4 F	G3/4 F	G1 F	G1 F	G1 F	G1 F
7: Flange with a heating element		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
8: Socket for thermostat		G1/2 F	G1/2 F	G1/2 F	G1/2 F	G1/2 F	G1/2 F	G1/2 F	G1/2 F
9: Fresh water inlet - Drain		G3/4 F	G3/4 F	G3/4 F	G3/4 F	G1 F	G1 F	G1 1/2 F	G1 1/2 F
10: Recirculation		G3/4 F	G3/4 F	G3/4 F	G3/4 F	G3/4 F	G3/4 F	G3/4 F	G3/4 F
11: Hot water outlet		G3/4 F	G3/4 F	G3/4 F	G3/4 F	G1 F	G1 F	G1 1/2 F	G1 1/2 F
12: Hot water outlet		G3/4 F	G3/4 F	G3/4 F	G3/4 F	G1 1/4 F	G1 1/4 F	G1 1/4 F	G1 1/4 F
DIMENSION									
A	mm	210	210	210	210	265	265	330	330
B	mm	260	260	265	265	320	320	420	420
C	mm	660	855	700	840	1000	1000	950	1110
D	mm	620	600	670	670	800	850	1100	1100
E	mm	705	900	745	885	1045	1045	990	1150
G	mm	85	75	85	85	80	105	125	125
H	mm	1150	1450	1215	1605	1745	1765	1685	2020
I	mm	355	550	390	530	630	630	470	630
J	mm	160	230	160	400	380	380	290	470
M	mm	710	690	760	760	915	940	1200	1200
P	mm	890	1155	930	1315	1425	1425	1280	1620