



- All values in the table are approximate.
- The declared values of the NL coefficient are determined according to DIN 4708 under the following conditions:
 - Water temperature entering inlet pipe of the appliance heat exchanger - 80 °C.
 - Cold water temperature entering the appliance - 10 °C.
 - Water heating temperature in the appliance - 60 °C.
- The heat-up time with the electric resistance heater is for actual capacity.

Note : Transformation of the coefficient of performance at different water temperatures in the tank:

- 65 °C – 1,0*NL
- 55 °C – 0,75*NL
- 50 °C – 0,55*NL
- 45 °C – 0,3*NL

HOT WATER STORAGE TANKS WITH HEAT EXCHANGERS, FOR INSTALLATION ON THE FLOOR [1]

TECHNICAL DATA

Model	...	FV15060S2	FV20060S2	FV30067S2	FV50080S2	FV75011S2	FV10011S2
Volume group	...	150	200	300	500	750	1000
Energy efficiency class	...	B	B	B	B	-	-
Standing loss heat	W	46.7	49.4	51.8	76.1	66.5	82
Rated pressure	MPa	0.8	0.8	0.8	0.8	0.6	0.6
Volume	L	141	184	258	465	721	920
Insulation thickness	mm	75	75	85	80	125	125
Gross weight	kg	65	84	99	166	253	292
HEAT EXCHANGERS (main heat)							
Operating pressure	MPa	1	1	1	1	1	1
Maximum temperature of the heating fluid	°C	110	110	110	110	110	110
Maximum temperature in the tank heated by a heat exchanger	°C	95	95	95	95	95	95
Heat exchanger S1							
Surface area	m ²	0.67	0.90	1.12	1.85	2.03	3.04
Volume	L	3.2	4.3	5.4	12.2	13.3	20
NL [2]	...	---	3.6	8	15	19	30
Continuous output according DIN 4708	kW	---	25	35	58	65	94
Flow rate according DIN 4708	L/min	---	10	14	24	27	39
Power according EN 12897	kW	13.7	18.6	19.3	25	26.2	34
Heat-up time according EN 12897	min	21	28.8	39.4	54.9	76.6	77
Pressure loss	mbar	80	120	50	35	50	70
Maximum amount of drained water MIX 40 °C according EN 12897 when the power S1 is off	L	158	286	406	699	1058	1390
Heat exchanger S2							
Surface area	m ²	0.3	0.38	0.86	1.15	1.22	2.03
Volume	L	1.4	1.8	4.2	7.6	8	13.3
NL [2]	...	---	1	1.8	2.3	5	16
Continuous output according DIN 4708	kW	---	10	25	32	35	57
Flow rate according DIN 4708	L/min	---	4.2	10	13	14	23
Power according EN 12897	kW	7	8.7	18.3	21.4	19.7	28
Heat-up time according EN 12897	min	19.5	23	18.6	29.6	49.5	42
Pressure loss	mbar	80	15	55	55	20	40
Maximum amount of drained water MIX 40 °C according EN 12897 when the power S2 is off	L	75	107	175	327	519	650
ELECTRICAL PART (auxiliary heating)							
Rated voltage	V	0 / 230~	0 / 230~	0 / 230~ / 400 3N~	0 / 230~ / 400 3N~	0 / 400 3N~	0 / 400 3N~
Rated electrical power	kW	0 / 3	0 / 3	0 / 3 / 6 / 9	0 / 3 / 6 / 9	0 / 9 / 12	0 / 9 / 12
Time of heating with electric resistance heater up to 70°C [3]	min	--- / 200	--- / 260	--- / 360 / 180 / 120	--- / 650 / 320 / 220	--- / 340 / 250	--- / 430 / 320
Maximum temperature in the tank of heated with electric resistance heater	°C	75	75	75	75	75	75
CONNECTIONS							
1: Thermometer		Yes	Yes	Yes	Yes	Yes	Yes
2: S2 - Feed		G3/4 F	G3/4 F	G3/4 F	G1 F	G1 F	G1 F
3: S2 - Return		G3/4 F	G3/4 F	G3/4 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
5: S1 - Feed		G3/4 F	G3/4 F	G3/4 F	G1 F	G1 F	G1 F
6: S1 - Return		G3/4 F	G3/4 F	G3/4 F	G1 F	G1 F	G1 F
7: Flange with a heating element		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
9: Fresh water inlet - Drain		G3/4 F	G3/4 F	G3/4 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
11: Hot water outlet		G3/4 F	G3/4 F	G3/4 F	G1 F	G1 1/2 F	G1 1/2 F
12: Hot water outlet		G3/4 F	G3/4 F	G3/4 F	G1 1/4 F	G1 1/4 F	G1 1/4 F
DIMENSION							
A	mm	210	210	210	265	330	330
B	mm	260	260	265	320	420	420
C	mm	660	855	840	1000	950	1110
D	mm	600	600	670	800	1100	1100
E	mm	705	900	885	1045	990	1150
G	mm	75	75	85	80	125	125
H	mm	1150	1430	1605	1765	1675	2020
I	mm	355	550	530	630	470	630
J	mm	160	230	400	380	290	470
M	mm	690	690	760	890	1200	1200
P	mm	890	1155	1315	1425	1280	1620