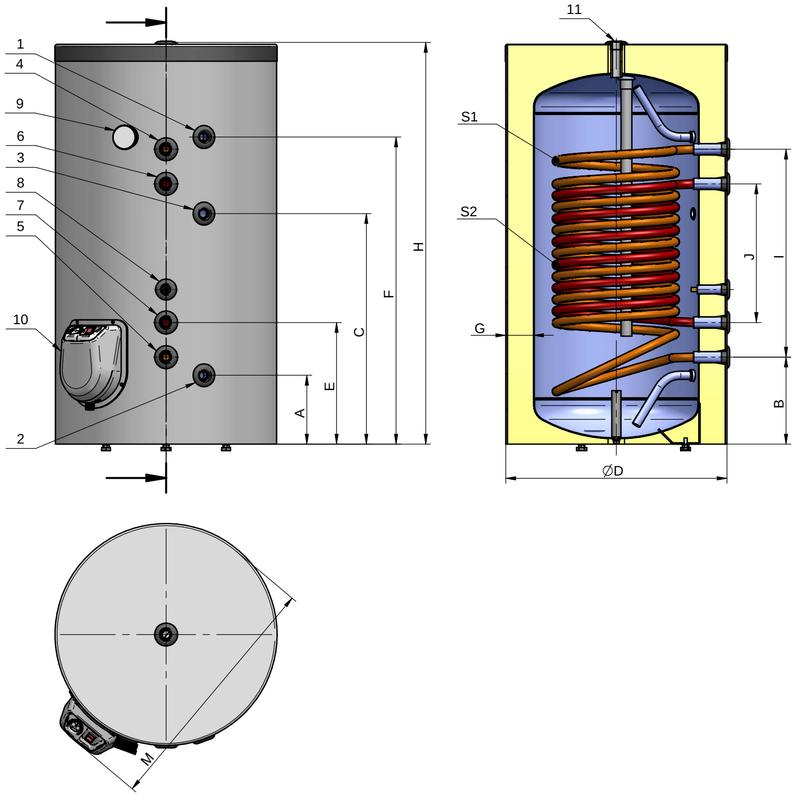

HOT WATER STORAGE TANKS WITH HEAT EXCHANGERS, FOR INSTALLATION ON THE FLOOR [1]				
TECHNICAL DATA				
Model	...	FV20060S21	FV30067S21	FV50080S21
Volume group	...	200	300	500
Energy efficiency class	...	B	B	B
Standing loss heat	W	52	51	76
Rated presure	MPa	0.8	0.8	0.8
Volume	L	184	256	465
Insulation thickness	mm	75	85	80
Gross weight	kg	81	104	170
HEAT EXCHANGERS (main heat)				
Operating pressure	MPa	1	1	1
Maximum temperature of the heating fluid	°C	110	110	110
Maximum temperature in the tank heated by a heat exchanger. Unit without / with back-up immersion electric heater.	°C	95 / 85	95 / 85	95 / 85
Heat exchanger S1				
Surface area	m²	0.89	1.33	1.71
Volume	L	4.3	6.5	11.2
NL [2]	...	3.6	8	14
Continuous output according DIN 4708	kW	25	43	56
Flow rate according DIN 4708	L/min	10	18	23
Power according EN 12897	kW	17.3	22.5	23
Heat-up time according EN 12897	min	24	24	57
Pressure loss	mbar	60	55	35
Maximum amount of drained water MIX 40 °C according EN 12897 when the power S1 is off	L	229	290	670
Heat exchanger S2				
Surface area	m²	0.67	1.07	1.28
Volume	L	3.2	5.2	8.4
NL [2]	...	2	3	4
Continuous output according DIN 4708	kW	18	28	34
Flow rate according DIN 4708	L/min	7.5	11.5	14
Power according EN 12897	kW	14	19.5	21.5
Heat-up time according EN 12897	min	28.5	25.5	45
Pressure loss	mbar	50	50	55
Maximum amount of drained water MIX 40 °C according EN 12897 when the power S2 is off	L	220	275	495
ELECTRICAL PART (auxiliary heating)				
Rated voltage	V	0 / 230~	0 / 230~ / 400 3N~	0 / 230~ / 400 3N~
Rated electrical power	kW	0 / 3	0 / 3 / 6 / 9	0 / 3 / 6 / 9
Time of heating with electric resistance heater up to 70°C [3]	min	--- / 260	--- / 360 / 180 / 120	--- / 650 / 320 / 220
Maximum temperature in the tank of heated with electric resistance heater	°C	75	75	75
CONNECTIONS				
1: Hot water outlet		G3/4 F	G3/4 F	G1 F
2: Fresh water inlet - Drain		G3/4 F	G3/4 F	G1 F
3: Recirculation		G3/4 F	G3/4 F	G3/4 F
4: S1 - Feed		G3/4 F	G3/4 F	G1 F
5: S1 - Return		G3/4 F	G3/4 F	G1 F
6: S2 - Feed		G3/4 F	G3/4 F	G1 F
7: S2 - Return		G3/4 F	G3/4 F	G1 F
8: Socket for thermostat		G1/2 F	G1/2 F	G1/2 F
9: Thermometer		Yes	Yes	Yes
10: Flange with a heating element		Yes	Yes	Yes
11: Hot water outlet		G3/4 F	G3/4 F	G1 1/4 F
DIMIENSION				
A	mm	210	210	265
B	mm	260	265	320
C	mm	805	840	1000
D	mm	600	670	800
E	mm	365	370	455
F	mm	1170	1315	1425
G	mm	75	85	80
H	mm	1430	1605	1765
I	mm	910	1050	1105
J	mm	700	840	835
M	mm	690	760	890

1. All values in the table are approximate.
2. 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.
3. 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