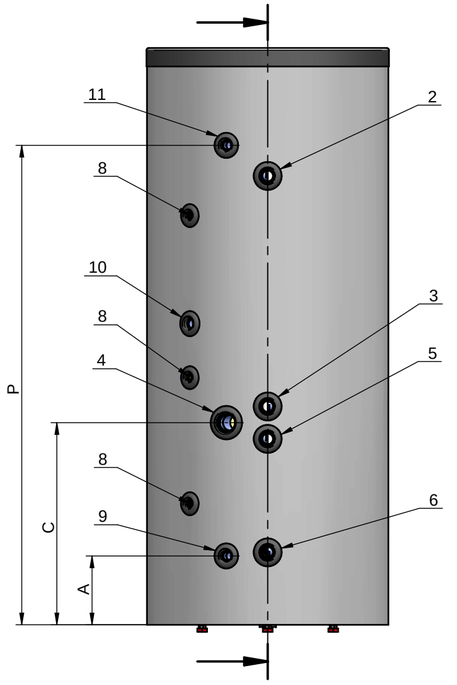

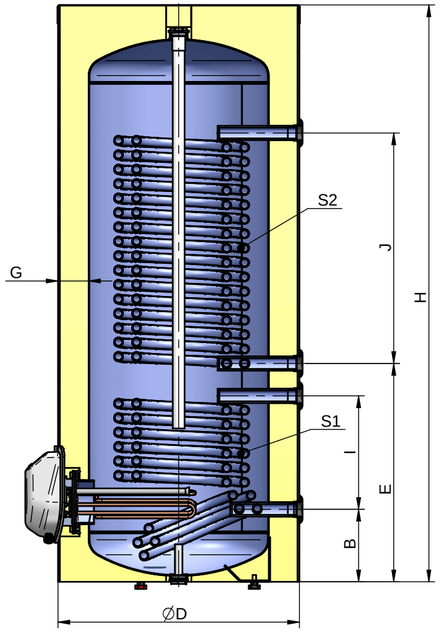

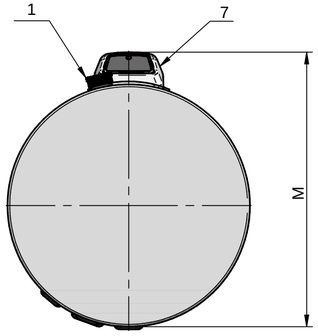

HOT WATER STORAGE TANKS WITH DOUBLE HEAT EXCHANGERS, FOR INSTALLATION ON THE FLOOR [1]				
TECHNICAL DATA				
Model	...	FV20067D2	FV30067D2	FV50080D2
Volume group	...	200	300	500
Energy efficiency class	...	B	B	B
Standing loss heat	W	49	52	76
Rated presure	MPa	0.8	0.8	0.8
Volume	L	180	246	435
Insulation thickness	mm	85	85	80
Gross weight	kg	98	125	195
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	°C	95	95	95
Heat exchanger S1				
Surface area	m²	0.75	1.19	2.03
Volume	L	3.6	5.7	13.3
NL [2]	...	4	8	18
Continuous output according DIN 4708	kW	22	35	60
Flow rate according DIN 4708	L/min	9	14	24
Power according EN 12897	kW	13	21	24.7
Heat-up time according EN 12897	min	45	40	57
Pressure drop	mbar	30	35	35
Maximum amount of drained water MIX 40 °C according EN 12897 when the power S1 is off	L	301	424	736
Heat exchanger S2				
Surface area	m²	1.63	2.37	3.8
Volume	L	7.9	11.5	25
NL [2]	...	7	15	25
Continuous output according DIN 4708	kW	42	65	81
Flow rate according DIN 4708	L/min	17	27	33
Power according EN 12897	kW	27	30.6	39.3
Heat-up time according EN 12897	min	9	16.9	22.3
Pressure loss	mbar	15	15	55
Maximum amount of drained water MIX 40 °C according EN 12897 when the power S2 is off	L	135	261	450
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	--- / 250	--- / 340 / 170 / 110	--- / 620 / 310 / 210
Maximum temperature in the tank of heated with electric resistance heater	ºC	75	75	75
CONNECTIONS				
1: Thermometer		Yes	Yes	Yes
2: S2 - Feed		G1 F	G1 F	G1 1/4 F
3: S2 - Return		G1 F	G1 F	G1 1/4 F
4: Additional socket		G1 1/2 F	G1 1/2 F	G1 1/2 F
5: S1 - Feed		G1 F	G1 F	G1 1/4 F
6: S1 - Return		G1 F	G1 F	G1 1/4 F
7: Flange with a heating element		Yes	Yes	Yes
8: Socket for thermostat		G1/2 F	G1/2 F	G1/2 F
9: Fresh water inlet - Drain		G3/4 F	G3/4 F	G1 F
10: Recirculation		G3/4 F	G3/4 F	G3/4 F
11: Hot water outlet		G3/4 F	G3/4 F	G1 F
DIMIENSION				
A	mm	190	190	230
B	mm	200	200	240
C	mm	445	560	645
D	mm	670	670	800
E	mm	490	605	700
G	mm	85	85	80
H	mm	1215	1605	1765
I	mm	200	315	350
J	mm	440	640	675
M	mm	760	760	890
P	mm	950	1330	1455

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