



WATER HEATERS WITH HEAT EXCHANGERS FOR VERTICAL WALL MOUNTING [1]			
TECHNICAL DATA			
Model	...	WV12046S2L WV12046S2R	WV15046S2L WV15046S2R
Volume group	...	120	150
Energy efficiency class	...	B	B
Standing loss heat	W	51	54
Rated pressure	MPa	0,7	0,7
Volume	L	111	140
Insulation thickness	mm	33	33
Weight (net, without water)	kg	47	60
HEAT EXCHANGER (main heat)			
Operating pressure	MPa	1	1
Maximum temperature of the heating fluid	°C	95	95
Maximum temperature in the tank heated by a heat exchanger	°C	85	85
HEAT EXCHANGER S1			
Surface area	m ²	0.65	0.89
Volume	L	3.15	4.3
Power according EN 12897	kW	12.2	17.3
Heat-up time according EN 12897	min	28	24.5
Pressure loss	mbar	50	55
Maximum amount of drained water MIX 40 °C according EN 12897 when the power is off	L	190	232
HEAT EXCHANGER S2			
Surface area	m ²	0.3	0.3
Volume	L	1.43	1.43
Power according EN 12897	kW	6.7	6.7
Heat-up time according EN 12897	min	22	22
Pressure loss	mbar	35	35
Maximum amount of drained water MIX 40 °C according EN 12897 when the power is off	L	82	82
ELECTRICAL PART (auxiliary heating)			
Rated voltage	V~	230	230
Rated electrical power	kW	2 / 3	2 / 3
Time of heating with electric resistance heater up to 70°C [2]	min	230 / 153	290 / 193
Maximum temperature in the tank of heated with electric resistance heater	°C	75	75
CONNECTIONS			
1: Hot water outlet		G1/2 M	G1/2 M
2: Cold water inlet - Drain		G1/2 M	G1/2 M
3: Temperature indicator		-	-
4: Control panel		-	-
5: Flange with a heating element		-	-
6: Heat exchanger S2 - Feed		G3/4 F	G3/4 F
7: Heat exchanger S2 - Return		G3/4 F	G3/4 F
8: Heat exchanger S1 - Feed		G3/4 F	G3/4 F
9: Heat exchanger S1 - Return		G3/4 F	G3/4 F
10: Socket for thermostat		G1/2 F	G1/2 F
11: Illuminated switch		-	-
DIMENSIONS			
A	mm	1170	1420
C	mm	185	185
D	mm	462	462
E	mm	96	96
F	mm	484	484
H	mm	186	218
I	mm	470	500
J	mm	450	670
K	mm	200	200
M	mm	753	1003
N	mm	255	240

1. All values in the table are approximate.

2. The heat-up time with the electric resistance heater is for actual capacity.