



WATER HEATERS WITH HEAT EXCHANGERS FOR VERTICAL WALL MOUNTING [1]

TECHNICAL DATA

Model	...	WV10046S21L WV10046S21R	WV12046S21L WV12046S21R	WV15046S21L WV15046S21R
Volume group	...	100	120	150
Energy efficiency class	...	B	B	B
Standing loss heat	W	47	51	54
Rated pressure	MPa	0.7	0.7	0.7
Volume	L	89	111	140
Insulation thickness	mm	33	33	33
Weight (net, without water)	kg	39	48.5	58
HEAT EXCHANGER (main heat)				
Operating pressure	MPa	1	1	1
Maximum temperature of the heating fluid	°C	95	95	95
Maximum temperature in the tank heated by a heat exchanger	°C	85	85	85
HEAT EXCHANGER S1				
Surface area	m ²	0.36	0.53	0.53
Volume	L	1.72	2.58	2.58
Power according EN 12897	kW	8.6	12.7	12
Heat-up time according EN 12897	min	30	27	33
Pressure loss	mbar	35	40	40
Maximum amount of drained water MIX 40 °C according EN 12897 when the power is off	L	143	183	219
HEAT EXCHANGER S2				
Surface area	m ²	0.36	0.53	0.53
Volume	L	1.72	2.58	2.58
Power according EN 12897	kW	9.1	13.4	12.5
Heat-up time according EN 12897	min	22	21	27.5
Pressure loss	mbar	35	40	40
Maximum amount of drained water MIX 40 °C according EN 12897 when the power is off	L	111	149	190
ELECTRICAL PART (auxiliary heating)				
Rated voltage	V~	230	230	230
Rated electrical power	kW	2 / 3	2 / 3	2 / 3
Time of heating with electric resistance heater up to 70°C [2]	min	184 / 123	230 / 153	290 / 193
Maximum temperature in the tank of heated with electric resistance heater	°C	75	75	75
CONNECTIONS				
1: Hot water outlet		G1/2 M	G1/2 M	G1/2 M
2: Cold water inlet - Drain		G1/2 M	G1/2 M	G1/2 M
3: Temperature indicator		-	-	-
4: Control panel		-	-	-
5: Flange with a heating element		-	-	-
6: Heat exchanger S1 - Feed		G3/4 F	G3/4 F	G3/4 F
7: Heat exchanger S1 - Return		G3/4 F	G3/4 F	G3/4 F
8: Heat exchanger S2 - Feed		G3/4 F	G3/4 F	G3/4 F
9: Heat exchanger S2 - Return		G3/4 F	G3/4 F	G3/4 F
10: Socket for thermostat		G1/2 F	G1/2 F	G1/2 F
11: Illuminated switch		-	-	-
DIMENSIONS				
A	mm	1005	1170	1420
C	mm	185	185	185
D	mm	462	462	462
E	mm	96	96	96
F	mm	484	484	484
H	mm	187	184	434
I	mm	300	290	540
J	mm	450	630	630
M	mm	-	753	1003
N	mm	255	255	240

1. All values in the table are approximate.
2. The heat-up time with the electric resistance heater is for actual capacity.