



HEAT PUMP WATER HEATERS					
CHARACTERISTICS					
Model	...	HPWH 120	HPWH 150	HPWH 120S	HPWH 150S
Load profile	...	M	L	M	L
Water heating energy efficiency class (average climate conditions)	...	A	A	A	A
Water heating energy efficiency (average climate conditions)	%	93	81	93	81
Annual electricity consumption (average climate conditions)	kWh/annum	551	1259	551	1259
Thermostat temperature settings	°C	56	56	56	56
Rated voltage	V~	230	230	230	230
Indoor unit model	...	WV12046HP	WV15046HP	WV12046SLHP	WV15046SLHP
Volume range	L	120	150	120	150
Rated pressure	MPa	0,7	0,7	0,7	0,7
Rated electric heating capacity	W	2000	2000	2000	2000
Heat exchanger surface area	m ²	-	-	0.65	0.89
Heat exchanger inside volume	L	-	-	3.15	4.3
Thermal power heat exchanger according EN 12897 (15-60°C; 15 l/min; 80°C)	kW	-	-	11.5	16.7
Warm-up time from 15-60 °C with heat exchanger (15 l/min; 80°C) (EN 12897)	min	-	-	20	21
Pressure drop across the coil	mbar	-	-	50	55
Net weight indoor unit	kg	36	43	45	55
Outdoor unit model	...	YASB-010	YASB-010	YASB-010	YASB-010
Rated heat pump heating capacity	W	1500	1500	1500	1500
Rated heat pump power input	W	500	500	500	500
Max heat pump power input	W	850	850	850	850
Refrigerant R134A	kg	0.85	0.85	0.85	0.85
	Tonnes CO2 Equivalent	1.22	1.22	1.22	1.22
	GWP	1430	1430	1430	1430
Working heat pump temperature range	°C	-5 ÷ 42	-5 ÷ 42	-5 ÷ 42	-5 ÷ 42
Max high pressure (Refrigerant circuit)	MPa	2.7	2.7	2.7	2.7
Net weight outdoor unit	kg	27	27	27	27
CONNECTIONS					
1: Hot water outlet		G1/2 M	G1/2 M	G1/2 M	G1/2 M
2: Cold water inlet - Drain		G1/2 M	G1/2 M	G1/2 M	G1/2 M
3: Refrigerant pipe connections		1/4 & 3/8	1/4 & 3/8	1/4 & 3/8	1/4 & 3/8
4: Control panel		•	•	•	•
5: Flange with a heating element		•	•	•	•
6: Heating coil - Feed		G3/4 F	G3/4 F	G3/4 F	G3/4 F
7: Heating coil - Return		G3/4 F	G3/4 F	G3/4 F	G3/4 F
8: Aluminium roll-bond condenser		•	•	•	•
DIMENSIONS					
A	mm	1170	1420	1170	1420
C	mm	185	185	185	185
D	mm	462	462	462	462
E	mm	96	96	96	96
F	mm	484	484	484	484
G	mm	33	33	33	33
I	mm	230	230	230	230
J	mm	670	670	670	670