EW100PG Wall-mounted monoblock water heater

Heat pump water heaters heat water in the home using heat pump technology, which heats water in a closed circuit thanks to the heat in the air: an innovative and environmentally sustainable technology that allows considerable energy savings.

ECA Technology **Wall-mounted water heater in heat pump** systems with **ecological gas R134A** produce domestic hot water using a tank with a capacity of **100 litres in vitrified steel**.

The compact size of the wall-mounted water heater in heat pump enables domestic water to be heated using innovative, eco-sustainable technology, allows the heating of domestic water, making it an ideal
replacement for traditional water heaters.

The user-friendly electronic control unit with LCD touch display allows complete customisation of the various modes including: Adjustment and display of temperature and quantity of water available, timer programming, rapid heating, “Absence / Holiday” setting when away from home for several days.

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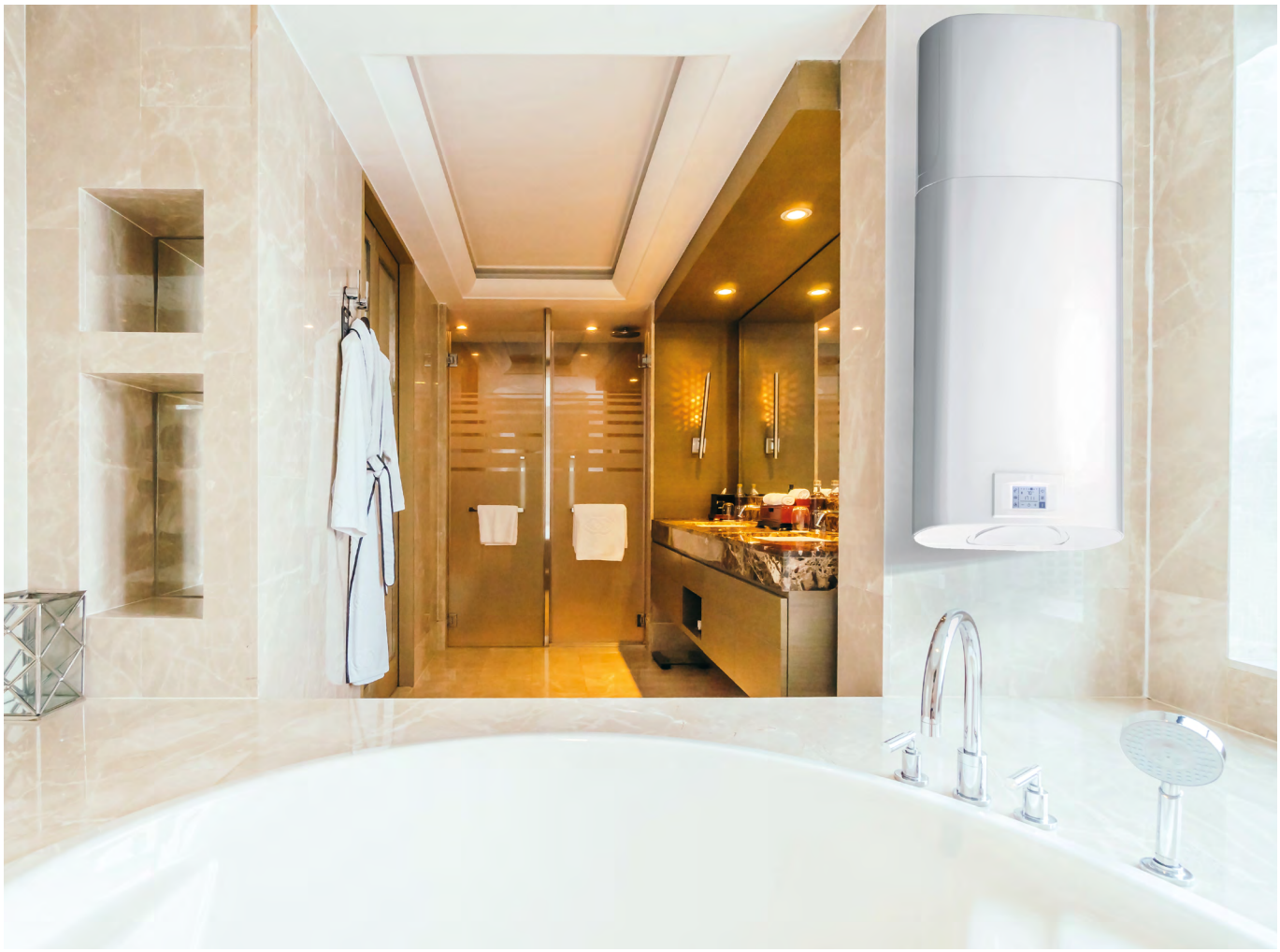
- Wall-mounted with ducted air;
- Rotary compressor,
- Heating elements for indirect heating by air,
- Enamel to 850°C,
- Magnesium anode for water heater anti-corrosion protection.



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Self-Diagnostics | Auto-restart | Touch screen display | Turbo | Anti-Legionella | Timer | - 7C° +35 C°

MODEL		EW100PG
Declared load profile / Energy efficiency class (1)		M / A+
Water heating energy efficiency ηwh (1)	%	110.7
Annual energy consumption AEC (1)	kWh	464
Daily electrical energy consumption Qelec	kWh	2.225
Thermostat temperature setting	°C	55
Internal sound power LWA / Sound pressure at 1 m	dB(A)	51 / 39.5
Specific precautions (assembly, installation, maintenance)		use of a safety valve is mandatory
Tank volume / Maximum volume of usable hot water (40°C)	l	97.9 / 130
Heating cycle A15 / W10-55 * - Heating cycle A7 / W10-55 **	h:min	05:40 - 06:50
Energy consumption in cycle A15 / W10-55 * / A7 / W10-55 **	kWh	2.05 / 2.35
COPDHW (A15 / W10-55) EN 16147 * - COPDHW (A7 / W10-55) EN 16147 **		3.10 - 2.63
Standby consumption according to EN16147	W	20
Refrigerant	type/qty.	R134a / 0.54 kg
Global Warming Potential / CO2 equivalent	GWP / Tons	1430 / 0.772
Ambient temperature limits at installation site	°C	+2 ~ +35
Intake air temperature operating limits	°C	-7 ~ +35
Air flow rate (min-max)	m^3/h	100-230
Pressure drop with 150 m^3/h and ventilation speed 60%-80%	Pa	70 (90)
Nominal power consumed by compressor	W	250
Maximum power consumption	W	2350
Electric elements	N° / W	2 x 1000
Power supply	V/Ph/Hz	230/1/50
Electrical protection / Protection class	A	16 / IP24
Max. operating pressure	MPa / bar	0.6 / 6
Maximum heat pump temperature / with electric elements	°C	55 / 75
Dimensions (H x W x D)	mm	1342x506x533
Net weight (empty/with water)	kg	62 / 162
Connection to mains water supply		G 1/2"
Air duct dimensions (max diameter / length)	mm/m	Ø125 (150x70) / 15
CODE		**0011501**

(1) EU REGULATIONS 812/2013 AND 814/2013 UNDER AVERAGE CLIMATIC CONDITIONS
(*) Water heating to 55°C with an air inlet temperature of 15°C, 74% humidity and a water inlet temperature of 10°C according to EN16147
(**) Water heating to 55°C with an air inlet temperature of 7°C, 89% humidity and water inlet temperature of 10°C according to EN16147

AIR DISTRIBUTION ACCESSORIES	CODE
PVC flat duct (150x70 mm / L=1.5mm)	0011530
PVC pipe (ø125 mm / L=1.5mm)	0011532
ABS vertical 90° elbow (ø 125mm to 150mm) round/rectangular	0011534
ABS vertical 90° elbow (150x70 mm) rectangular	0011536
ABS horizontal 90° elbow (150x70 mm) rectangular	0011538
ABS joint (ø 125 mm to 150x70 mm) round/rectangular	0011540
ABS joint for rectangular ducts (150x70 mm)	0011542
Pair rectangular duct brackets (150x70 mm)	0011544
Pair pipe clamps (ø 125 mm)	0011545
Wall-mounted through plate (ø 125 mm 150x70 mm)	0011546
Flexible duct joint 150x70 mm (max. 60 cm)	0011548
ABS grille 180x180 mm with gravity louvres	0011550
ABS grille 180x180 mm with fixed louvres	0011562