

WATER HEATER IN HEAT PUMP

EW300 Floor-standing 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 **floor-standing water heater in heat pump systems** using **environmentally friendly R134A gas** produce domestic hot water with **270-litre tank in AISI 304L stainless steel**.

The high performance of the compressor ensures the highest levels of energy efficiency.

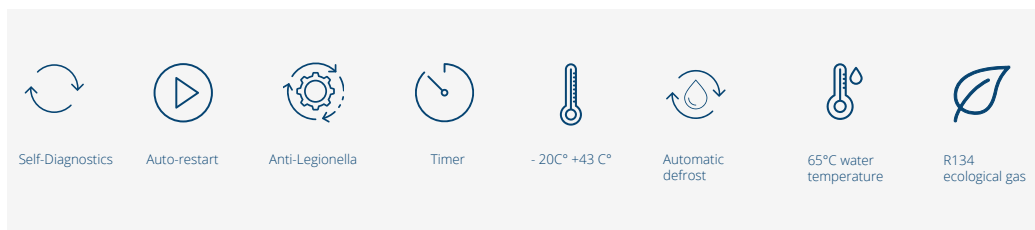
The user-friendly electronic control unit with LCD display allows complete customisation of the different operating modes. The water heater also comes with a removable soft touch control panel for settings, programming and diagnostics.

I Plus

- DHW production up to 70 °C with no heating elements;
- Single-phase power supply;
- Integrated 1500 W electric elements on support;
- Magnesium anode for anti-corrosion protection of the tank;
- Condensate drain.



EW300 Floor-standing monoblock water heater



MODEL		EW300
Nominal tank capacity	l	280
Volume of hot water mixed at 40°C ⁽¹⁾	l	349
Declared load profile ⁽¹⁾		XL
Energy efficiency class of water heating in average climate conditions ⁽³⁾		A
Water heating energy efficiency η_{wh} in average climatic conditions ⁽³⁾	%	93
Annual electricity consumption AEC in average climatic conditions ⁽³⁾	kWh	1812
Nominal heating capacity ⁽²⁾	kW	3,00
Nominal power consumption ⁽²⁾	kW	0,78
Thermostat temperature setting	°C	38 - 65 (55° default)
Hot water temperature adjustment range	°C	58
Sound power level LWA, at home	dB (A)	45
COPDHW (A7 / W10-55) in average climatic conditions ⁽¹⁾		2,81
Nominal COP ⁽²⁾		3,83
Nominal hot water production capacity ⁽²⁾	l/h	86
Power supply	V/Hz/Ph	230 / 50 / 1
Integral electric elements	kW	3,15
Maximum consumption including elements	kW	4,60
Rotary		Rotativo
Air flow with ducting	m ³ /h	414 / 355 / 312
Maximum operating pressure	bar	10
Refrigerant (type / quantity)	type / kg	R134a / 1,20
Global Warming Potential / CO2 equivalent	GWP / tonsCO2	1430 / 1,716
Dimensions (H x diam)	mm	1920x Ø650
Net/gross weight/with water	kg	146 / 176 / 426
Hydraulic fittings		G 3/4" - DN20
Duct fitting dimensions	mm	Ø 190
Air duct length	m	10
Air temperature (min-max)	°C	-20 ~ +43
CODE		0011400

(1) Test according to EN16147; air temperature 7°C DB (6°C WB), water temperature inlet 10° C / outlet 55° C.

(2) Conditions: inlet air 20°C DB (15°C WB), water inlet 15° C / outlet 55° C.

(3) EU Regulation 812/2013 and 814/2013

THE ABOVE HERMETICALLY SEALED PRODUCTS CONTAIN FLUORINATED GREENHOUSE GASES GOVERNED BY THE KYOTO PROTOCOL.



White enamelled metal grid



Alutermoflex flexible tube



DN180 white wall grid

OPTIONAL ACCESSORIES	Codice
90° curve recovery discharge/Isolated	7001164
Insulated hose alutermoflex Ø200 mm L.10 mt	700100P3
Male connector Ø200 mm	7001055
50 mt aluminium adhesive tape	7001032
230x230 mm white enamelled metal grid	7001163
White wall grid DN180	0006929