

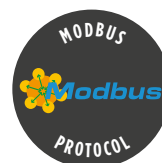
NEW

AQUAPURA MONOBLOC PRO

DOMESTIC
HOT WATER



AEROTHERMAL HEAT PUMP.
HIGH EFFICIENCY WITH
NATURAL REFRIGERANT
R290 FOR DOMESTIC HOT
WATER PRODUCTION
UP TO 65°C.



AQUAPURA MONOBLOC PRO

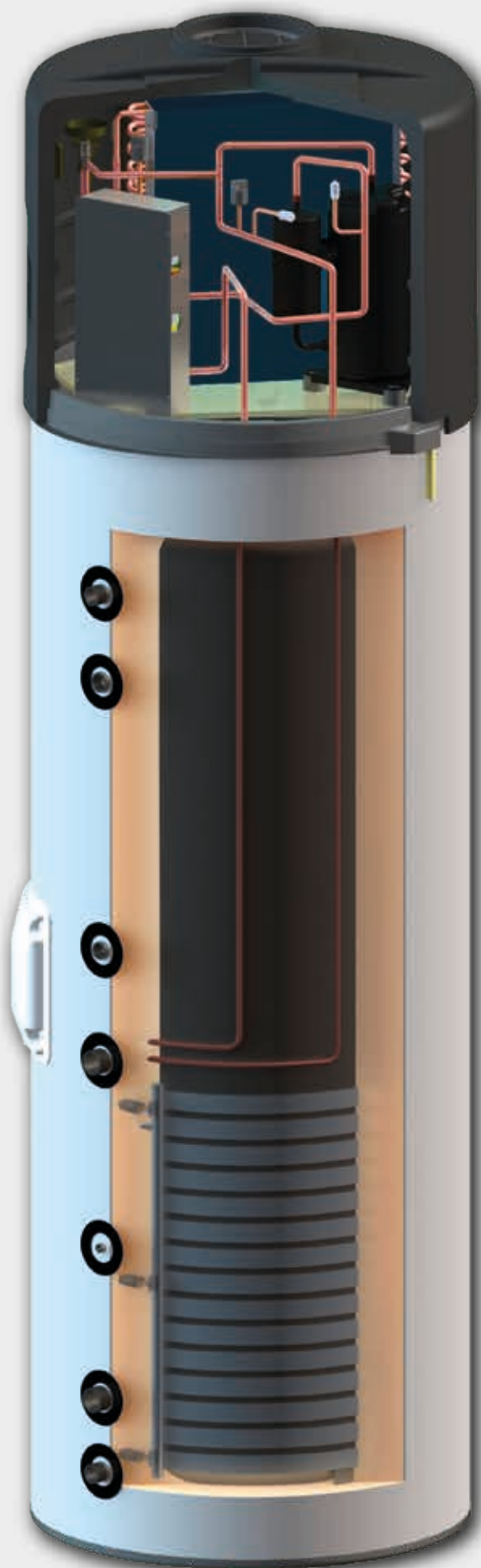
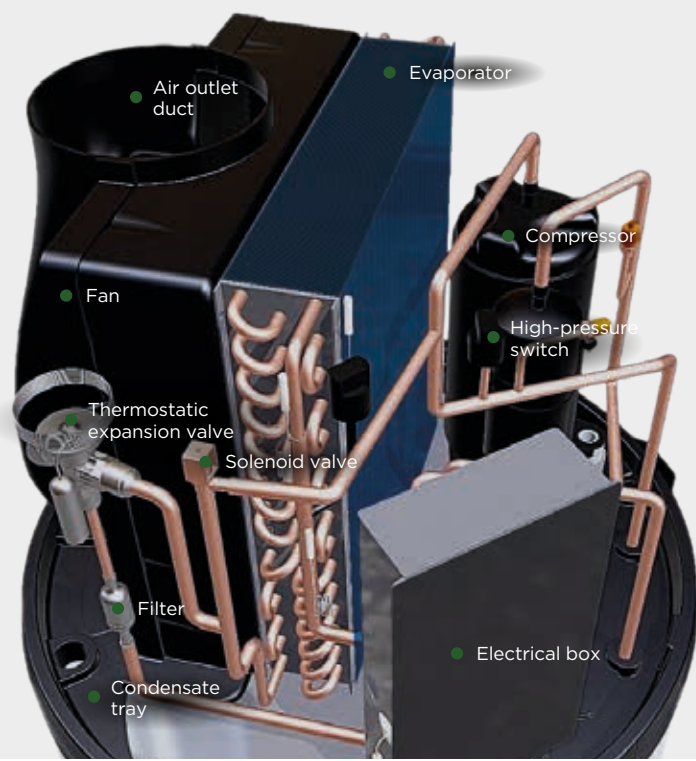
AN ENVIRONMENTALLY
FRIENDLY DOMESTIC
HOT WATER SOLUTION

 PORTUGUESE MANUFACTURING



DHW UP TO 60°C IN HEAT
PUMP MODE

- Portuguese technology and manufacturing;
- Compact stainless steel storage cylinder with no need for anode, reducing maintenance;
- Uses eco-friendly refrigerant R290, reducing CO₂ emissions;
- Low noise operation;
- User-friendly touchscreen controller with integrated Wi-Fi and Modbus.



NEW GENERATION OF HEAT PUMPS

WITH NATURAL REFRIGERANT R290

ENERGIE presents its new series of Heat Pumps with natural refrigerant R290 - an innovative solution designed to reduce global warming impact.

A CONSCIOUS CHOICE

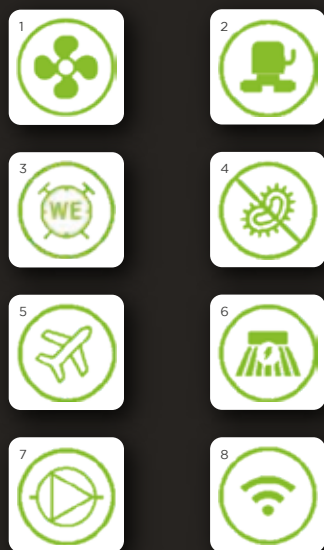
R290 is a propane gas with a Global Warming Potential (GWP) of only 3, making it stand out due to its very low contribution to the greenhouse effect, especially when compared with alternative gases used for similar applications. This low GWP means the use of R290 significantly reduces environmental impact, making it an eco-responsible option.

HIGH THERMODYNAMIC PERFORMANCE

R290 refrigerant also delivers superior thermodynamic performance, allowing higher water temperatures to be reached.



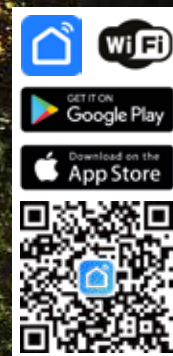
NEW TOUCH DISPLAY MORE COMPLETE AND INTUITIVE



1. Fan | 2. Solenoid Valve | 3. Timer | 4. Disinfection | 5. Holiday Mode | 6. Solar Function | 7. Circulation Pump | 8. Wi-Fi

DISCOVER OUR APP SMART LIFE

ENERGIE presents its latest technological innovation integrated into its products—the Smart Life app. With Smart Life, customers can remotely manage their domestic hot water heating equipment.



The MONOBLOC PRO Heat Pump comes equipped with Modbus, allowing integration with management and automation systems — ideal for residential and commercial applications that require intelligent control.

AQUAPURA MONOBLOC PRO NEW TOP COVER



EASY ACCESS TO THE
THERMODYNAMIC
UNIT WITHOUT
REMOVING DUCTING

Key features:

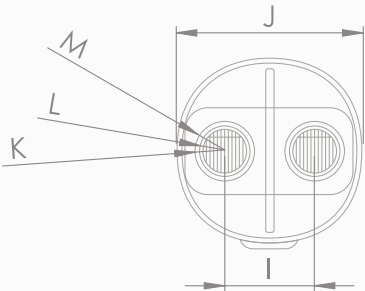
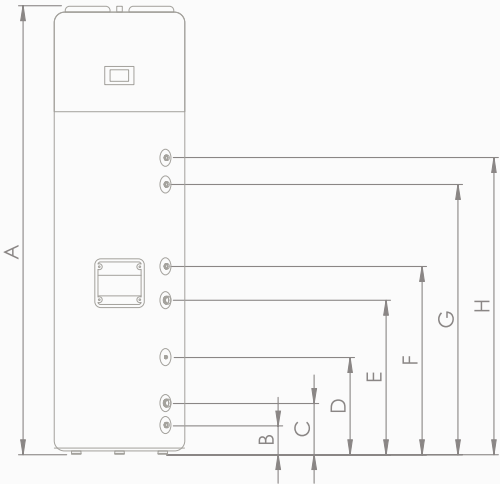
- Made of expanded polypropylene (EPP);
- Reduces sound emissions;
- Front access to the thermodynamic unit;
- Integrated slot for the touchscreen display;
- Three duct connection diameters: $\varnothing 160$, $\varnothing 190$, and $\varnothing 200$;
- More robust;
- Sleeker design;



TECHNICAL DATA	UNIT	MONOBLOC PRO 200 I/IX	MONOBLOC PRO 300 I/IX
Nominal capacity	L	200 / 195	270 / 265
Empty weight	kg	60 / 62	72 / 75
Dimensions (Ø/height)	mm	600 / 1704	600 / 2004
Cylinder material	-	AISI 444 DUPLEX 2205	
Polyurethane insulation	mm	50	
Electrical supply	-	220-240 Vac / monofásica / 50 Hz	
Heat pump power consumption (avg/max)	W	348 / 720	
Electric backup power input	W	1500	
Thermal power output (HP) (avg/max)	W	1400 / 2100	
Consumption profile	-	L	XL
COP at 7°C ¹	-	3,06	3,24
Energy efficiency class ¹	-	A+	A+
Energy efficiency rating ¹	%	122	130
Heating time ¹	(hh:mm)	06:24	09:35
Annual energy consumption ¹	kWh/year	838	1295
COP at 14°C ²	-	3,54	3,67
Energy efficiency class ²	-	A+	A+
Energy efficiency rating ²	%	142	147
Heating time ²	(hh:mm)	05:22	08:02
Annual energy consumption ²	kWh/year	724	1144
COP at 20°C ³	-	3,93	3,94
Energy efficiency class ³	-	A+	A+
Energy efficiency rating ³	%	164	162
Heating time ³	(hh:mm)	05:16	07:07
Annual energy consumption ³	kWh/year	626	1032
Useful water volume at 40°C	L	220	330
Ambient temperature limits	°C	-5 / 40	
Indoor sound power level ⁴	dB(A)	57	
Airflow	m³/h	365	
Fan static pressure	Pa	65	

¹ A7/W10-52, according to EN16147 and Commission Delegated Regulation (EU) No. 812/2013 | ² A14/W10-52, according to EN16147 and Commission Delegated Regulation (EU) No. 812/2013 | ³ A20/W10-52, according to EN16147 and Commission Delegated Regulation (EU) No. 812/2013 | ⁴ According to EN12102

DIMENSIONS mm		Connections	MONOBLOC PRO 200 I/IX	MONOBLOC PRO 300 I/IX
A	Height	-	1704	2004
B	Cold water inlet	G 3/4" M	131	131
C	Coil outlet	G 1" M	231	231
D	Instrumentation	-	435	435
E	Coil inlet	G 1" M	690	690
F	Recirculation	G 1/2" F	-	840
G	PT valve	G 1/2" F	905	1205
H	Hot water outlet	G 3/4" M	1030	1325
I	Duct spacing	-	286	286
J	Diameter	-	Ø600	Ø600
K	Intermediate duct diameter	-	Ø190	Ø190
L	Internal duct diameter	-	Ø160	Ø160
M	External duct diameter	-	Ø200	Ø200



Equipment: **AQUAPURA MONOBLOC PRO 200I/IX 300I/IX**

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NEW GENERATION OF HEAT PUMPS



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