ENERGIE®

PORTUGUESE MANUFACTURING
SINCE 1981

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.

BUILT-IN INSTALLATION 60x60 CM

STAINLESS STEEL INOX 444 DUPLEX 2205 CYLINDER

PHOTOVOLTAIC FUNCTION

EASY INSTALLATION

INTEGRATED WI-FI

MODBUS PROTOCOL

AQUAPURA MONOBLOC PRO

AN ENVIRONMENTALLY FRIENDLY DOMESTIC HOT WATER SOLUTION

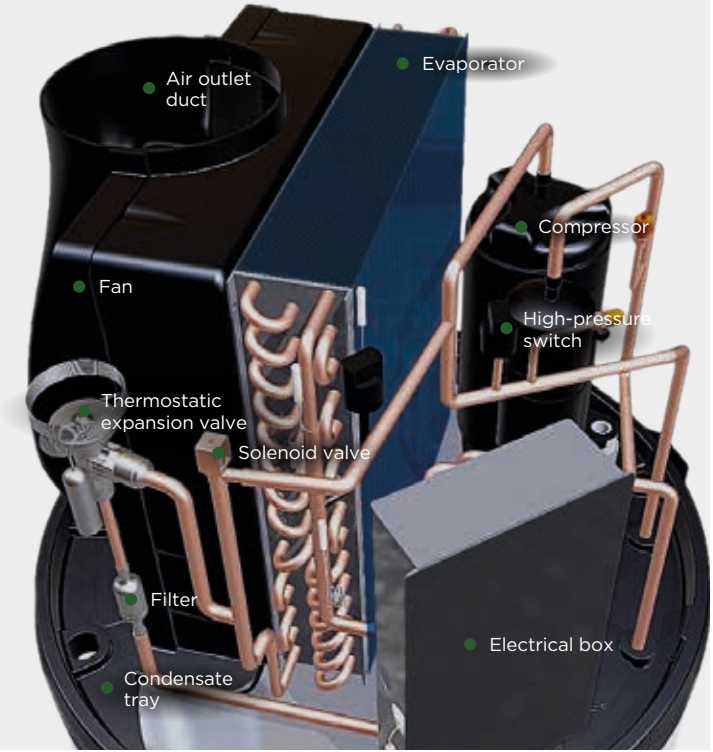
PORTUGUESE MANUFACTURING

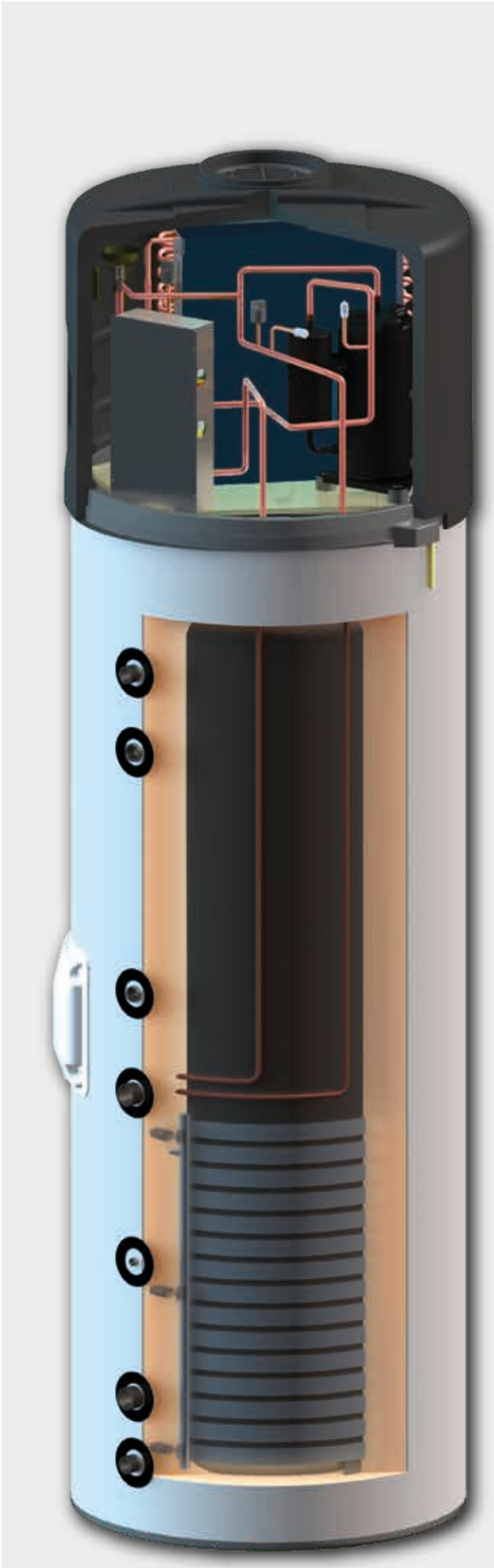
CYLINDER WARRANTY 5 YEARS AISI 444

CYLINDER WARRANTY 10 YEARS DUPLEX 2205

DHW UP TO 65°C IN HEATING MODE

- Portuguese technology and manufacturing;
- Compact stainless steel storage cylinder with no need for anode, reducing maintenance;
- Uses eco-friendly refrigerant R290, reducing CO_2 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

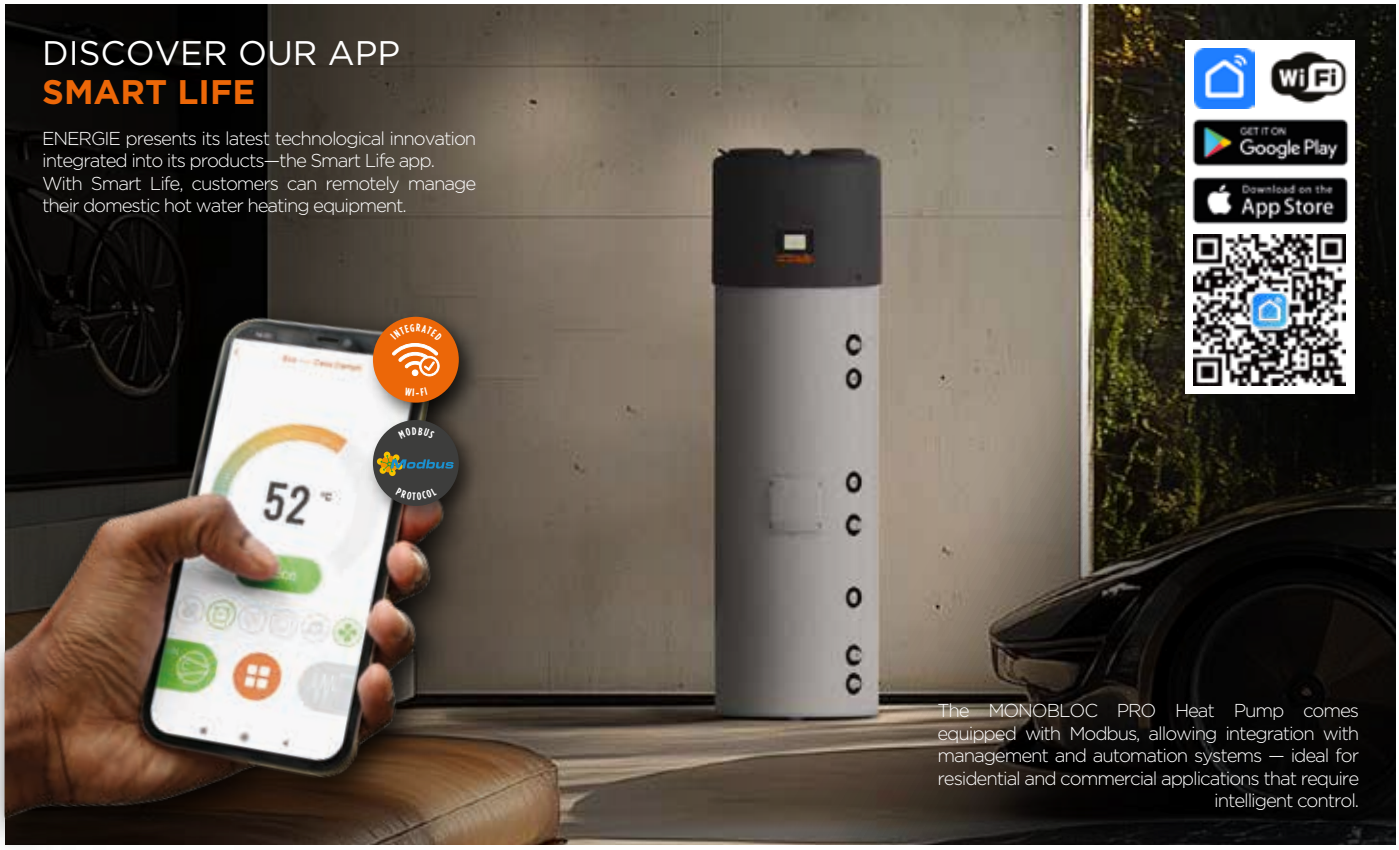
R290 is a propane gas with a Global Warming Potential (GWP) of only 3, making it stand out due to its very low contribution to the greenhouse effect, especially when compared with alternative gases used for similar applications. This low GWP means the use of R290 significantly reduces environmental impact,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



AQUAPURA MONOBLOC PRO
NEW TOP COVER

TWO-PIECE 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: ø160, ø190, and ø200;
- More robust;
- Sleeker design;

INSTALLATION WITHOUT DUCTING
Suitable for a room with a minimum area of 20 m² and sufficient ventilation.

Unused space.

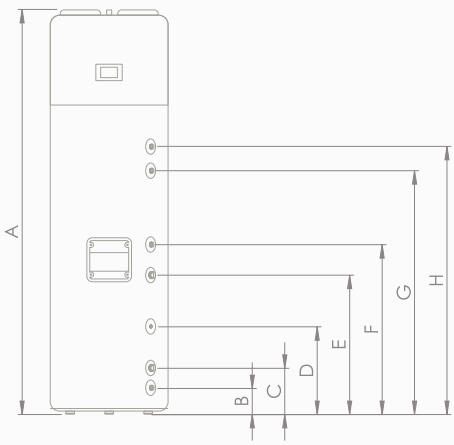
INSTALLATION WITH EXTERNAL AIR INLET AND OUTLET DUCTS
Suitable for smaller rooms and noise reduction.

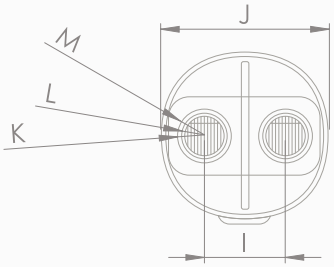
INSTALLATION WITH EXHAUST DUCT ONLY
Suitable for ventilated areas without cooling the room.

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	67 / 75
Dimensions (Ø/height)	mm	600 / 1695	600 / 1995
Cylinder material	-	Stainless steel	
Polyurethane insulation	mm	50	
Electrical supply	-	220-240 Vac / single-phase / 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]	-	3,22	3,30
Energy efficiency class [1]	-	A++	
Energy efficiency rating [1]	%	133	137
Heating time [1]	(hh:mm)	07:21	09:52
Annual energy consumption [1]	kWh/year	771	1235
COP at 14°C [2]	-	3,65	3,68
Energy efficiency class [2]	-	A++	
Energy efficiency rating [2]	%	151	152
Heating time [2]	(hh:mm)	05:57	08:01
Annual energy consumption [2]	kWh/year	676	1106
COP at 20°C [3]	-	3,93	3,94
Energy efficiency class [3]	-	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	281	321
Ambient temperature limits	°C	-5 / 40	
Indoor sound power level [4]	dB(A)	53	
Sound pressure at 2m	dB(A)	36	
Airflow	m³/h	450	
Fan static pressure	Pa	80	
Maximum duct length	m	36	

[1] A7/W10-54, according to EN16147 and Commission Delegated Regulation (EU) No. 812/2013 | [2] A14/W10-54, according to EN16147 and Commission Delegated Regulation (EU) No. 812/2013 | [3] A20/W10-54, 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	-	1695	1995
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**

NEW GENERATION OF HEAT PUMPS

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