

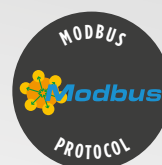
NEW

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

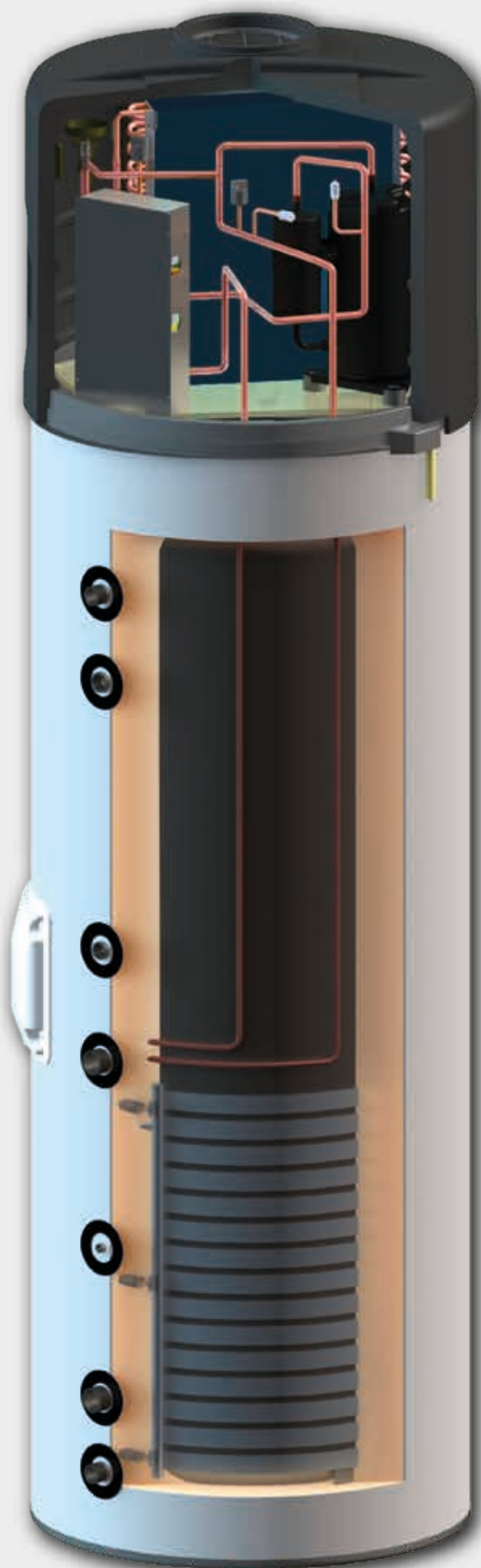
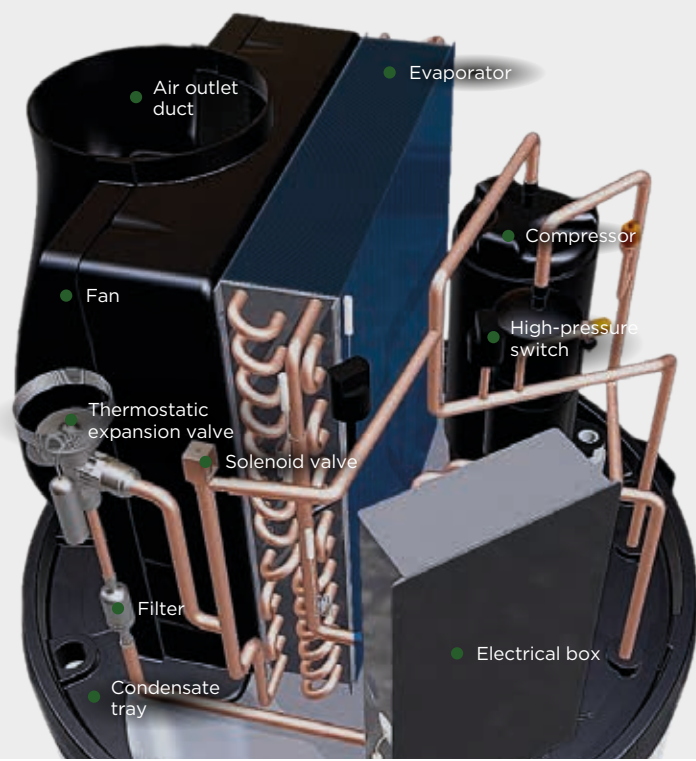
 PORTUGUESE MANUFACTURING



DHW UP
TO 65°C
IN HEATING
MODE

FEATURES

- 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

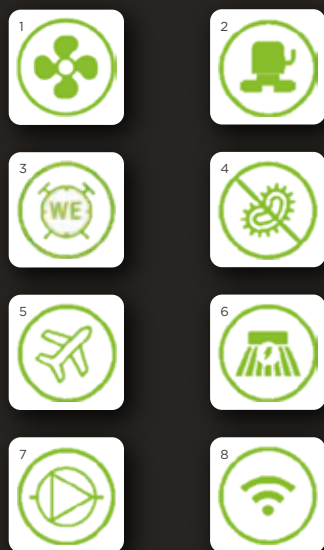
R290 is a propane gas with a Global Warming Potential (GWP) of only 3, making it stand out due to its very low contribution to the greenhouse effect, especially when compared with alternative gases used for similar applications. This low GWP means the use of R290 significantly reduces environmental impact,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

HIGH THERMODYNAMIC PERFORMANCE

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



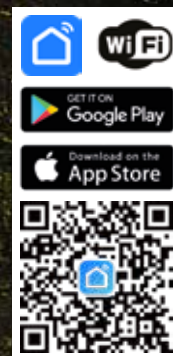
NEW TOUCH DISPLAY MORE COMPLETE AND INTUITIVE



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:

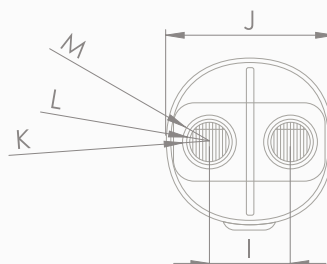
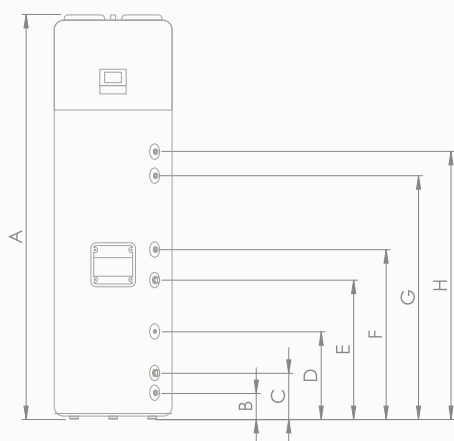
- Made of Expanded Polypropylene (EPP);
- Reduces sound emissions;
- Front access to the thermodynamic unit;
- Integrated slot for the touchscreen display;
- Three duct connection diameters: $\varnothing 160$, $\varnothing 190$, and $\varnothing 200$;
- More robust;
- Sleeker design;



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	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)	W	1400	
Consumption profile	-	L	XL
COP at 7°C ¹	-	3,22	3,30
Energy efficiency class ¹	-	A++	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++	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++	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)	36 450	
Airflow	m³/h	80	
Fan static pressure	Pa	36	
Maximum duct length	m		

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
B	Cold water inlet	G ¾" M	131
C	Coil outlet	G 1" M	231
D	Instrumentation	-	435
E	Coil inlet	G 1" M	690
F	Recirculation	G ½" F	-
G	PT valve	G ½" F	905
H	Hot water outlet	G ¾" M	1030
I	Duct spacing	-	286
J	Diameter	-	Ø600
K	Intermediate duct diameter	-	Ø190
L	Internal duct diameter	-	Ø160
M	External duct diameter	-	Ø200



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

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NEW GENERATION OF HEAT PUMPS

Project co-financed by:



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Zona Industrial de Laúndos
Lote 48, 4570-311 Laúndos
Póvoa de Varzim, Portugal
EMAIL energie@energie.pt
SITE www.energie.pt

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