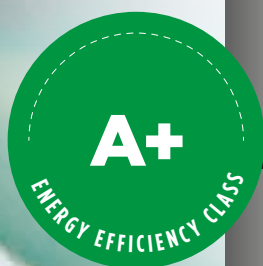


NEW

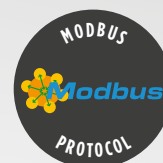
AQUAPURA MONOBLOC PRO WALL-MOUNTED

DOMESTIC
HOT WATER



AEROTHERMAL HEAT PUMP.

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



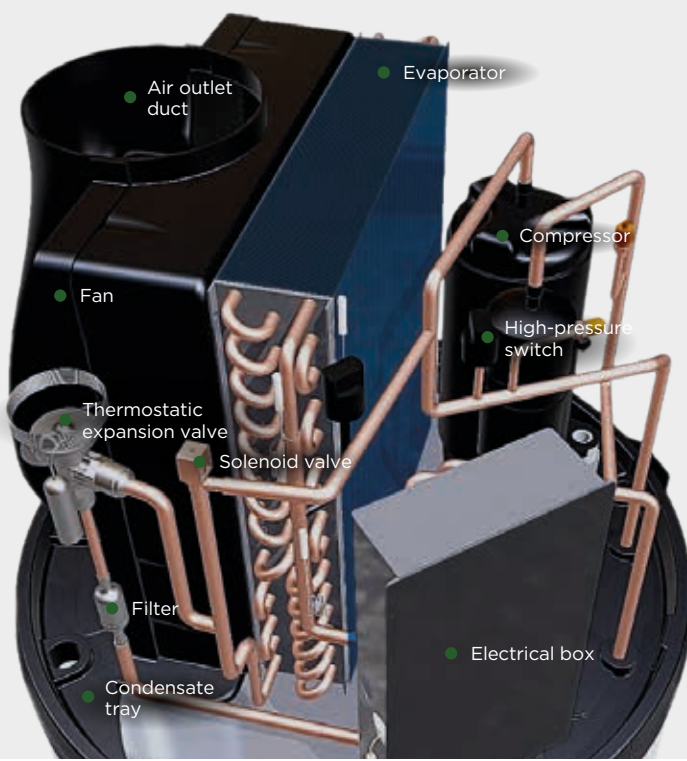
AQUAPURA MONOBLOC PRO WALL-MOUNTED

AN ENVIRONMENTALLY
FRIENDLY DOMESTIC
HOT WATER SOLUTION

 PORTUGUESE MANUFACTURING



- Compact stainless steel storage cylinder with no need for anode, reducing maintenance;
- Hot water up to 60°C in Heat Pump mode;
- Wall-mounted installation;
- Silent;
- Easy to install;
- Stronger;
- User-friendly touchscreen controller with integrated Wi-Fi and Modbus;
- Uses eco-friendly refrigerant R290, reducing CO₂ emissions;
- Integration in small spaces and areas, 60x60cm module (Ø530mm);
- Built with polymer materials.



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

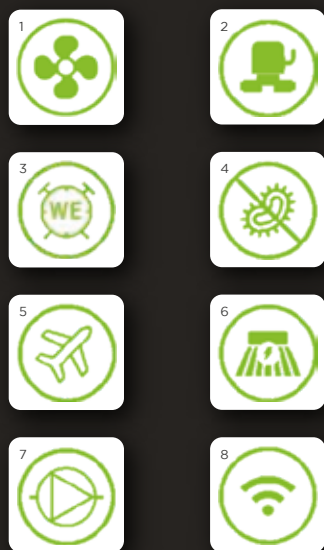
R290 is a propane gas with a Global Warming Potential (GWP) of only 3, making it stand out due to its very low contribution to the greenhouse effect, especially when compared with alternative gases used for similar applications. This low GWP means the use of R290 significantly reduces environmental impact,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

HIGH THERMODYNAMIC PERFORMANCE

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



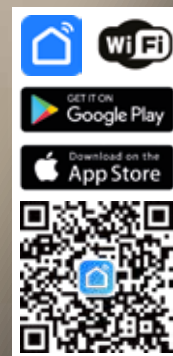
NEW TOUCH DISPLAY MORE COMPLETE AND INTUITIVE



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 WALL-MOUNTED 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 WALL-MOUNTED



EASY ACCESS TO THE
THERMODYNAMIC
UNIT WITHOUT
REMOVING DUCTING

Key features:

- Front access to the thermodynamic unit;
- Integrated slot for the touchscreen display;
- Two duct connection diameters: Ø125mm and Ø150mm;
- More robust;
- Sleeker design.



WWW.ENERGIE.PT

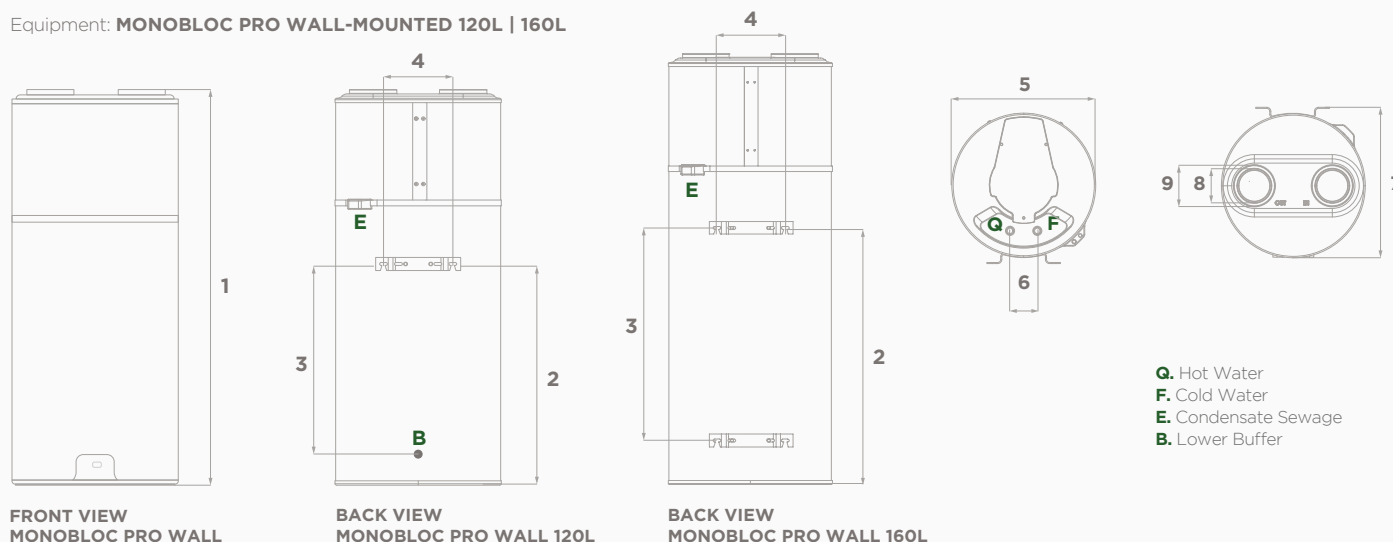


TECHNICAL DATA		MONOBLOC PRO WALL-MOUNTED 120L	MONOBLOC PRO WALL-MOUNTED 160L
Type of equipment	-	Air/Water Heat Pump for DHW	
Nominal capacity	L	114	152
Unladen weight	kg	43	53
Dimensions (Ø/height)	mm / mm	Ø530 / 1366	Ø530 / 1531
Cylinder material	-	AISI 444 DUPLEX 2205	
Polyurethane insulation	mm	50	50
Max running temperature	°C	80	80
Max working pressure	bar	7	7
Test pressure	bar	10	10
Thermal loss	kWh / 24h	0,95	0,95
Protection index	-	IPX1	IPX1
Power supply	-	220-240 Vac / single-phase / 50 Hz	
Power consumed HP (average-max)	W	254 / 450	254 / 450
Absorbed power electrical support	W	1500	1500
Electrical power supplied (HP)	W	835 / 1320	835 / 1320
Maximum consumption current	A	2,3 + 6,8 (with electric support)	
Max temperature DHW (HP)	°C	60	60
Max temperature DHW (support)	°C	65	65
Refrigerant fluid	- / kg	R290 / 0,150	R290 / 0,150
Consumption profile	-	M	L
COP	-	3,26 ¹ 3,45 ² 3,74 ³	3,20 ¹ 3,63 ² 3,91 ³
Heating time	HH:mm	07:03 ¹ 06:06 ² 05:08 ³	08:25 ¹ 07:15 ² 06:16 ³
Useful water quantity at 40°C	L	138	192
Energy efficiency class ^{1/2/3}	-	A+	A+
Energy-efficiency	%	135 ¹ 143 ² 156 ³	132 ¹ 150 ² 162 ³
Annual electric consumption	kWh / year	380 ¹ 360 ² 329 ³	774 ¹ 679 ² 633 ³
Ambient temperature limits	°C	-5 / 40	-5 / 40
Indoor sound pressure ⁴	dB (A)	49	49
Sound pressure at 2m	dB (A)	34	34
Air flow	m³ / h	195	195
Static pressure of fan	Pa	60	60
Max. distance of pipes	m	20	20

¹ A7/W10-54, ² A14/W10-54 e ³ A20/W10-54, in accordance with EN16147:2017 and Delegated Regulation (EU) N°812/2013 ⁴ In accordance with EN12102

DIMENSIONS mm	MONOBLOC PRO WALL-MOUNTED 120L	MONOBLOC PRO WALL-MOUNTED 160L
1	1366	1531
2	826	905
3	720	750
4	220	220
5	Ø530	Ø530
6	100	100
7	550	550
8	Ø125	Ø125
9	Ø150	Ø150
Q	3/4" M	3/4" M
F	3/4" M	3/4" M

Equipment: **MONOBLOC PRO WALL-MOUNTED 120L | 160L**



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NEW GENERATION OF HEAT PUMPS



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