ENERGIE®

PORTUGUESE MANUFACTURING
SINCE 1981

NEW

AQUAPURA MONOBLOC PRO WALL-MOUNTED

DOMESTIC HOT WATER

ECO-FRIENDLY - GLOBAL WARMING POTENTIAL
R290
GWP-3

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

CYLINDER 120L 160L CAPACITY

STAINLESS STEEL INOX 444 DUPLEX 2205 CYLINDER

INTEGRATED WI-FI

WALL APPLICATION

MODBUS Modbus PROTOCOL

AQUAPURA MONOBLOC PRO WALL-MOUNTED

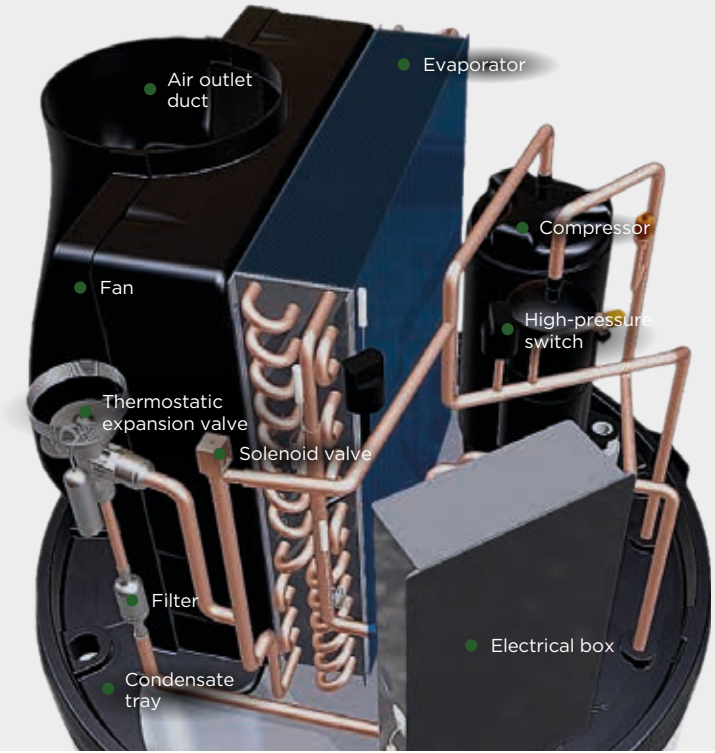
AN ENVIRONMENTALLY FRIENDLY DOMESTIC HOT WATER SOLUTION

PORTUGUESE MANUFACTURING

WARRANTY 5 YEARS CYLINDER

DHW UP TO 65°C IN HEATING MODE

- Compact stainless steel storage cylinder with no need for anode, reducing maintenance;
- Hot water up to 65°C em modo aquecimento;
- Wall-mounted installation;
- Silent;
- Easy to install;
- Stronger;
- User-friendly touchscreen controller with integrated Wi-Fi and Modbus;
- Uses eco-friendly refrigerant R290, reducing CO_2 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

AQUAPURA MONOBLOC PRO WALL-MOUNTED

CYLINDER 120L 160L CAPACITY

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: Ø125 e Ø150;
- More robust;
- Sleeker design;

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

Unused space

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

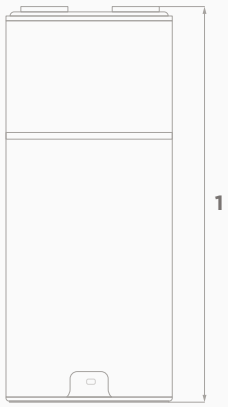
INSTALLATION WITH EXHAUST DUCT ONLY
Suitable for ventilated areas without cooling the room.

TECHNICAL DATA		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	-	INOX	INOX
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 eletric suport)	
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	-	A++ [1] | A++ [2] | A++ [3]	A+ [1] | A++ [2] | A++ [3]
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	m^3/ h	195	195
Static pressure of fan	Pa	60	60
Max. distance of pipes	m	20	20

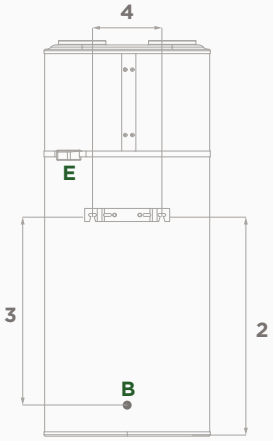
[1] A7/W10-54, [2] A14/W10-54 e [3] A20/W10-54, in accordance with EN16147:2017 and Delegated Regulation (EU) Nº812/2013 [4] In accordance with EN12102

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

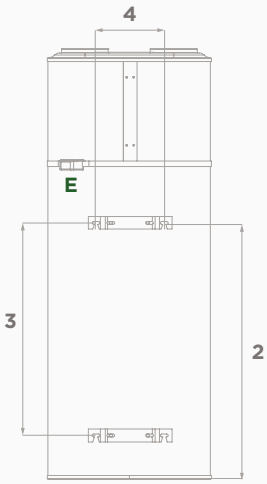
Equipment: **MONOBLOC PRO WALL-MOUNTED 120L | 160L**



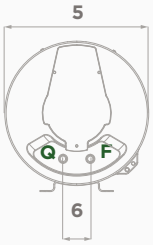
FRONT VIEW MONOBLOC WALL

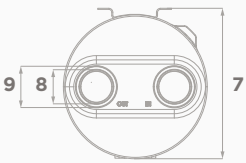


BACK VIEW MONOBLOC 120L



BACK VIEW MONOBLOC 160L





Q. Hot Water
F. Cold Water
E. Condensate Sewage
B. Lower Buffer

NEW GENERATION OF HEAT PUMPS

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