

AQUAPURA MONOBLOC

DOMESTIC
HOT WATER



DOMESTIC HOT WATER HEAT PUMP.

HIGH LEVEL OF EFFICIENCY
FOR THE PRODUCTION OF
DOMESTIC HOT WATER IN
YOUR HOME!



AQUAPURA MONOBLOC

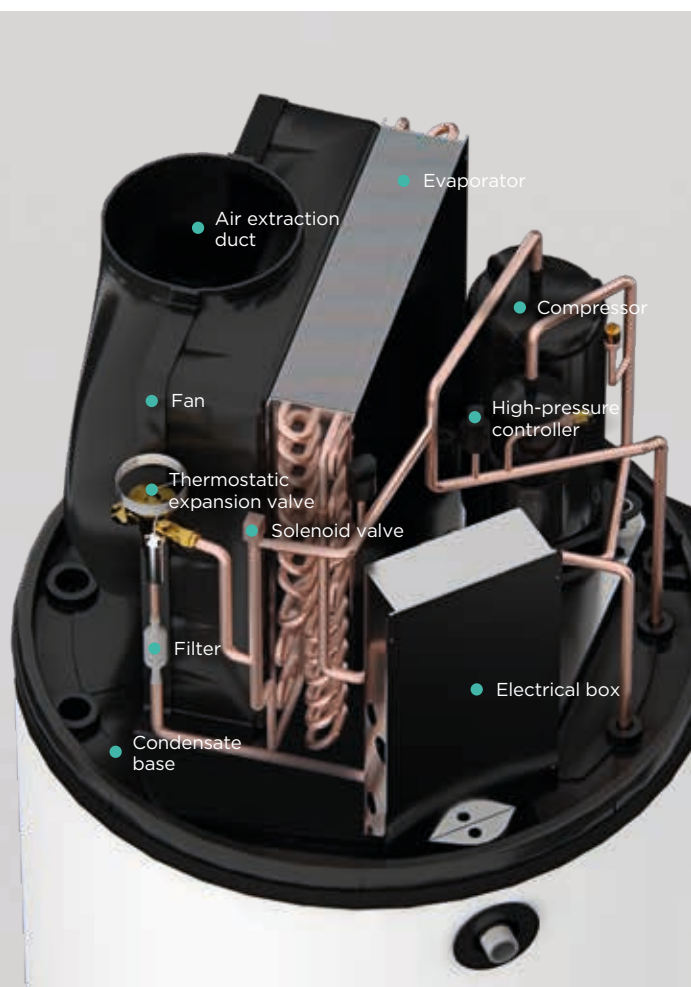
A COMPACT
EQUIPMENT FOR
HOT WATERS

 PORTUGUESE MANUFACTURING



DHW AT 60°C
THROUGH
RENEWABLE
ENERGY

- Stainless steel cylinder
- Minimum occupied space at home
- High level of efficiency and ecology
- Quiet operation
- Time schedule with Chrono function
- Easy installation
- Smart photovoltaic function
- Anti-legionella function
- Controller with software in 6 languages
- Dehumidify small spaces
- Optional solar coil





+ ROBUST

The new AQUAPURA MONOBLOC heat pumps have a modern design, exterior finish in high impact polymer, combined with components that give it greater longevity, thermal and acoustic insulation, prepared for the placement of Ø160 and Ø190 ducts.



+ SILENT

Equipped with a maximum efficiency centrifugal fan, integrated into a ventilation box designed for minimal noise, with a sound pressure of 36dB(A) 2m.



+ ERGONOMICS

Compact equipment, with stainless steel tank and easy access hydraulic connections, ensuring greater flexibility in installation. The 200 and 270 litre models can be integrated into a 60x60 cm cabinet.



+ EFFICIENCY

They feature a high level of efficiency, giving the entire range the A++ energy class, with one of the highest performance coefficients on the market (COP = 3.9 for the 270 litre model according to EN16147, air at 14°C and water heating from 10°C to 54°C).

ELECTRONIC CONTROLLER

DOMESTIC HOT WATER PRODUCTION



1. Compressor. 2. Fan. 3. Electrical resistance. 4. Disinfect. 5. Defrost. 6. Solar function. 7. Alarm.



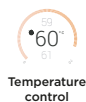
DIFFERENT TYPES OF INSTALLATION



CAPACITIES 200, 270, 300, 500L



NEW APP NOW
AVAILABLE
SMART LIFE



TECHNICAL DATA		200i	200ix	270i	270ix	300i	300ix	500i	500ix
Power Supply	V-/Hz	220-240 Vac / single-phase / 50 Hz							
Thermal Power Provided		1800	1800	1800	1800	1800	1800	3000	3000
Electric Power Consumed	W	400-700	400-700	400-700	400-700	400-700	400-700	600-950	600-950
Electric Support Power		1500	1500	1500	1500	1500	1500	2000	2000
COP* (EN16147)	COP	3.72	3.72	3.91	3.91	3.91	3.84	3.61	3.61
Energy Efficiency ¹		154	154	161	160	160	160	150	150
Heating Time ¹ (EN16147)	h:mm	04:36	04:36	05:57	05:42	06:29	06:29	06:48	06:48
Qty. Water withdrawn at 40°C (EN16147)		251	245	323	362	362	355	591	591
Sound Pressure at 2m	dB(A)	36							
Ecological Refrigerant		R134a / 1,2	R134a / 1,2	R134a / 1,2	R134a / 1,2	R134a / 1,2	R134a / 1,2	R134a / 1,5	R134a / 1,5
 Energy Efficiency Class Consumption Profile	Energy Efficiency Class	A++	A++	A++	A++	A++	A++	A+	A+
	Consumption Profile	L	L	XL	XL	XL	XL	XXL	XXL

DIMENSIONS/WEIGHT/DUCT		200i	200ix	270i	270ix	300i	300ix	500i	500ix
Dimensions (ø/Height)	mm	580/1704	580/1704	580/2004	580/2004	650/1864	650/1864	700/2219	700/2219
Weight	Kg	60	62	67	75	75	78	122	125
Ducts Diameter	Ø mm	160/190	160/190	160/190	160/190	160/190	160/190	160/190	160/190

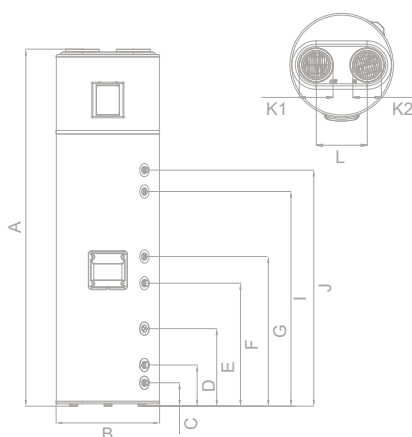
CYLINDER		200i	200ix	270i	270ix	300i	300ix	500i	500ix
Nominal Capacity	L	200	195	270	265	300	295	460	455
Maximum Operating Pressure		7	7	7	7	7	7	7	7
Material		Stainless steel ²							
Insulation		High Density Polyurethane							
Auxiliary Coil(Comp./ø)		-	10/25	-	10/25	-	10/25	-	21/25
Hydraulic Connections, Inlet/Outlet		3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	1"	1"
Coil Connections		-	1"	-	1"	-	1"	-	1"

OPERATING CONDITIONS		200i	200ix	270i	270ix	300i	300ix	500i	500ix
Temp. Water Max. (Heat Pump / Boost Mode)	°C	60 / 65	60 / 65	60 / 65	60 / 65	60 / 65	60 / 65	60 / 65	60 / 65

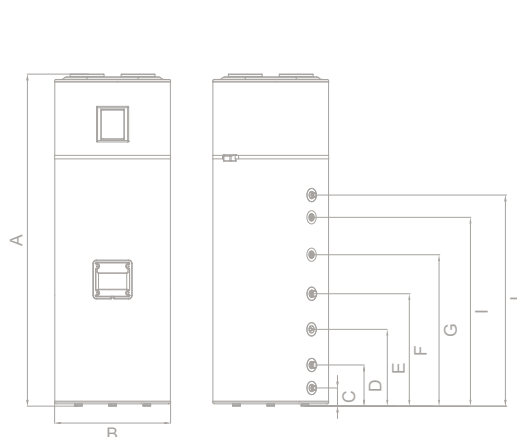
¹ EN16147: Water heating from 10°C to 54°C (Air temperature 14°C) | ² High corrosion resistance

DIMENSIONS mm		200i	200ix	270i	270ix	300i	300ix	500i	500ix
A	Height	1704	1704	2004	2004	1864	1864	2219	2219
B	Diameter	580	580	580	580	650	650	700	700
C	Cold Water	131	131	131	131	102	102	267	267
D	Coil Outlet	-	231	-	231	-	231	-	347
E	Instrumentation	-	435	-	435	-	431	-	725
F	Coil Inlet	-	690	-	690	-	631	-	862
G	Recirculation	-	-	840	840	850	850	975	975
H	Anode	-	-	-	-	-	-	1305	1305
I	PT Valve	905	905	1205	1205	1060	1060	1405	1405
J	Hot Water	1030	1030	1325	1325	1185	1185	1505	1505
K1/K2 Ø	Pipe Diameter	160/190	160/190	160/190	160/190	160/190	160/190	160/190	160/190
L	Pipe Spacing	286	286	286	286	286	286	286	286

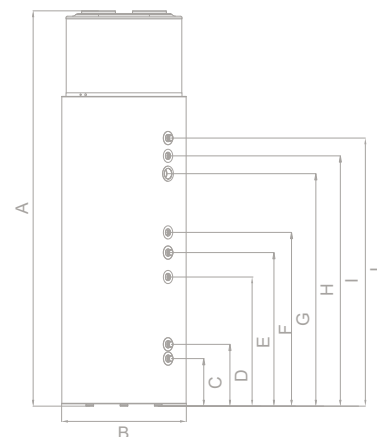
Equipment: **200i/200ix/270i/270ix**



Equipment: **300i/300ix**



Equipment: **500i/500ix**



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