

# AQUAPURA

**AQUAPURA SPLIT**  
**AQUAPURA MONOBLOC**

ECONOMY | ECOLOGY | COMFORT



## HEAT PUMPS FOR DOMESTIC WATER HEATING

We select the best components and subject our systems to rigorous quality testing to ensure maximum customer satisfaction



Check warranty conditions

# AQUAPURA SPLIT

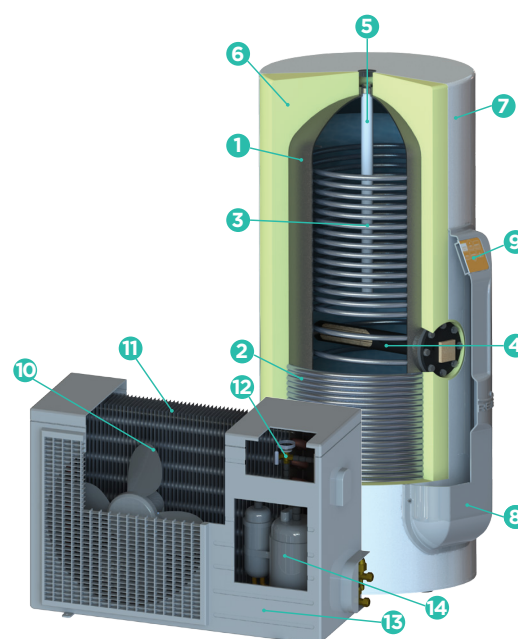


MINIMUM  
BUSY SPACE  
INSIDE THE  
HOUSE, ONLY  
THE BALL

ABSOLUTE  
SILENCE IN YOUR  
HOME

VARIED  
CAPACITIES,  
MODELS WITH  
AND WITHOUT  
ADDITIONAL  
COIL

- 1 DHW Cylinder
- 2 Condenser (Coil)
- 3 Optional Supplementary Coil
- 4 Ceramic Resistance + Thermostat + Sensor
- 5 Magnesium Anode
- 6 High Density Insulation
- 7 Outside Coating
- 8 Split Cover
- 9 Electronic Controller
- 10 Ventilator
- 11 Evaporator
- 12 Expansion Valve
- 13 Unit box
- 14 Compressor



## Equipment

Model	Enamelled	Stainless	Thermal Power (Med/Max)	Power Consumption (Med/Max)	Electrical Supply V/Hz	Extra Coil	Litres	No. of People
APS 200esm	x		1920/3200	600/1000	230/50		200	4
APS 250i		x	1920/3200	600/1000	230/50		250	5
APS 250esm	x		1920/3200	600/1000	230/50		250	5
APS 300i		x	1920/3200	600/1000	230/50		300	6
APS 250ix		x	1920/3200	600/1000	230/50		250	5
APS 300ix		x	1920/3200	600/1000	230/50		300	6



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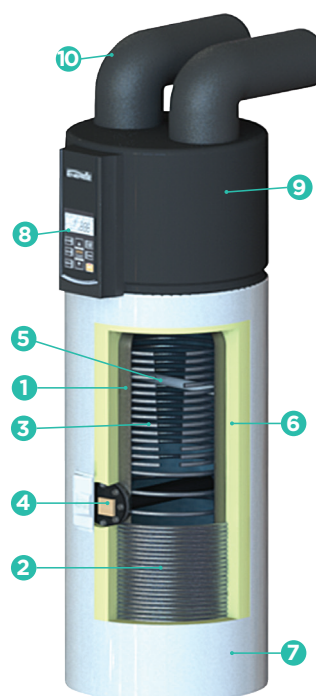
# AQUAPURA MONOBLOC

SIMPLE  
INSTALLATION  
LIKE A HEATER

POSSIBILITY OF  
DEHUMIDIFY AND  
COOL SMALL  
SPACES

VARIES  
CAPACITIES,  
MODELS WITH  
AND WITHOUT  
COIL

- 1 DHW Cylinder
- 2 Condenser (Coil)
- 3 Optional Supplementary Coil
- 4 Ceramic resistance + Thermostat + Sensor
- 5 Magnesium Anode
- 6 High Density Insulation
- 7 Outside Coating
- 8 Electronic Controller
- 9 Heat Pump Unit
- 10 Ducts not Included

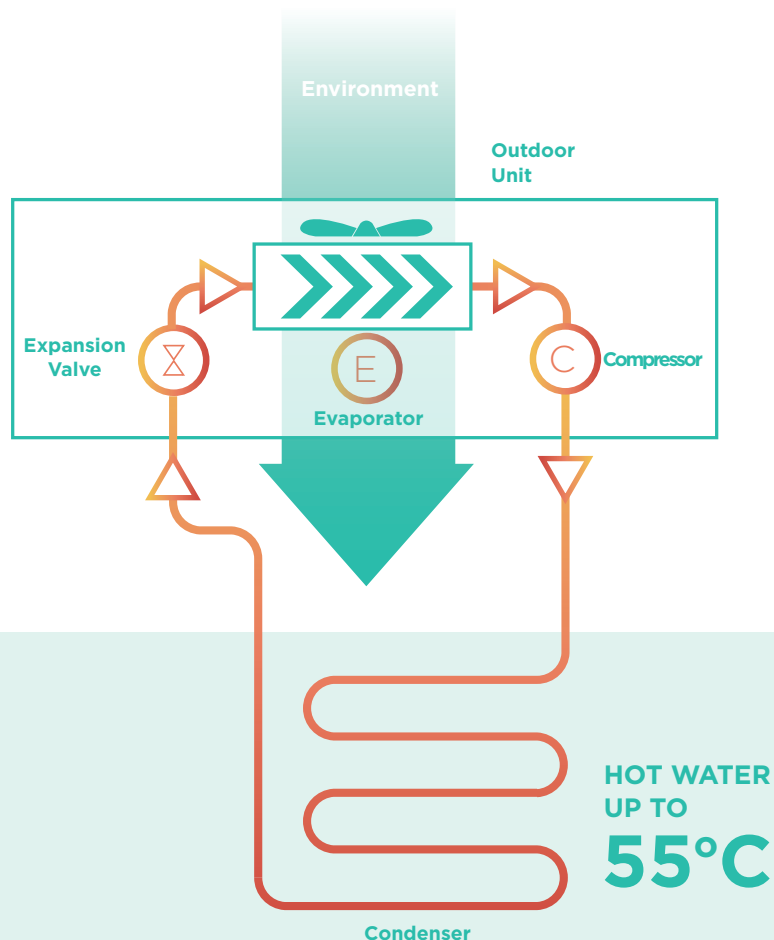


## Equipment

Model	Enamelled	Stainless	Thermal Power (Med/Max)	Power Consumption (Med/Max)	Electrical Supply V/Hz	Extra Coil	Litres	No. of People
APM 300i		x	3000	830	230/50		295	6
APM 300esm	x		3000	830	230/50		295	6
APM 300ix		x	3000	830	230/50		295	6
APM 300esmx	x		3000	830	230/50		295	6

# AQUAPURA

It is a system designed to get an optimal regulation of domestic water heating. The heat pump is a modern, efficient and clean solution that guarantees comfort in your home, always respecting the environment. It is an intelligent way of using nature's resources in order to improve your quality of life. In adopting this solution you will be making a serious commitment in terms of reducing harmful emissions to our atmosphere thus contributing to the natural balance of the planet.



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## Operating principle

There is a cooling liquid that is pumped to an outdoor heat exchanger (evaporator). Here the liquid, with the help of a fan, absorbs the energy from the atmosphere to the temperature differential obtained outdoors. During this process, the liquid changes to a gaseous state. The gaseous state is sucked in by the mechanical part of the system, the compressor. Here it is compressed, the

pressure goes up and consequently the liquid temperature increases. After this, the liquid travels to a second inside heat exchanger (condenser) and transfers heat to the water in the cylinder. The fluid goes into liquid state by cooling down. The liquid pressure is reduced due to a strangulation that happens in the expansion valve and the process starts again.

**75%**  
OF FREE ENERGY



More detailed information on  
[energie.pt](http://energie.pt)



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