



AQUAPURA X30

DOMESTIC HOT WATER | HEATING
ECONOMY | COMFORT | ECOLOGY



30 kW
UP TO
120 kW

DHW
+
HEATING

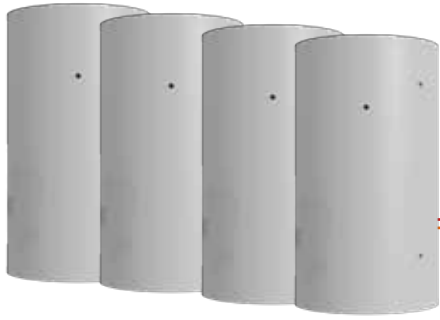
UP TO
80°C

INTEGRATED
WATER
PUMP

EVI SCROLL
TECHNOLOGY

A NEW CONCEPT OF HIGH TEMPERATURE AEROTHERMAL HEAT PUMP

We select the best components and subject our systems to the most rigorous quality tests in order to guarantee the maximum satisfaction of our customers.



AQUAPURA X30

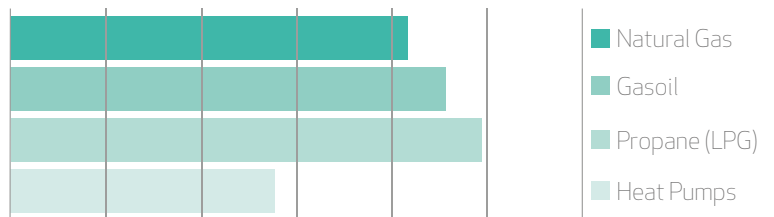
UP TO 120 KW OF CAPACITY
(CONNECTING 4 UNITS OF 30 KW EACH)

KEY FEATURES

- DHW PRODUCTION UP TO 80°C
- ONLY 1 COMPRESSOR
- COMPACT DESIGN
- INTEGRATED WATER PUMP
- CAREL CONTROL
- SIMPLE INSTALLATION
- MODULAR SYSTEM UP TO 120 KW
- CONTROL BOX (OPTIONAL)

CONSUMPTION OF PRIMARY ENERGY

Heat pumps are designed for heating as well as production of DHW. These solutions stand out for their high energy efficiency, which makes them capable of reaching an energy rating up to A ++. They are also notable for their ability to integrate with other heating systems and easy installation.



ENERGY CONSUMPTION GRAPH

EVI TECHNOLOGY

Optimized vapor injection EVI technology gives superior efficiency to conventional technology. This is achieved with an intermediate vapor injection during the compression cycle thereby reducing the high-speed working frequency of the compressors, obtaining an increase in the heat production capacity with lower energy consumption.

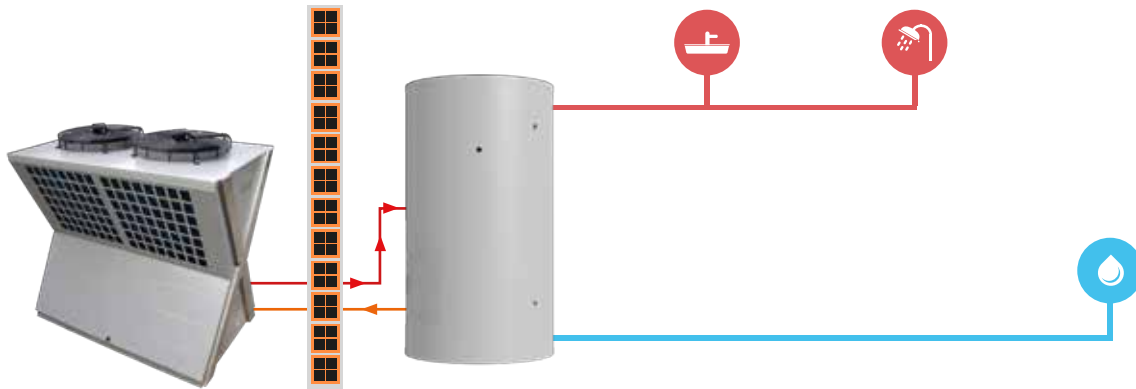


EVI vs TRADICIONAL

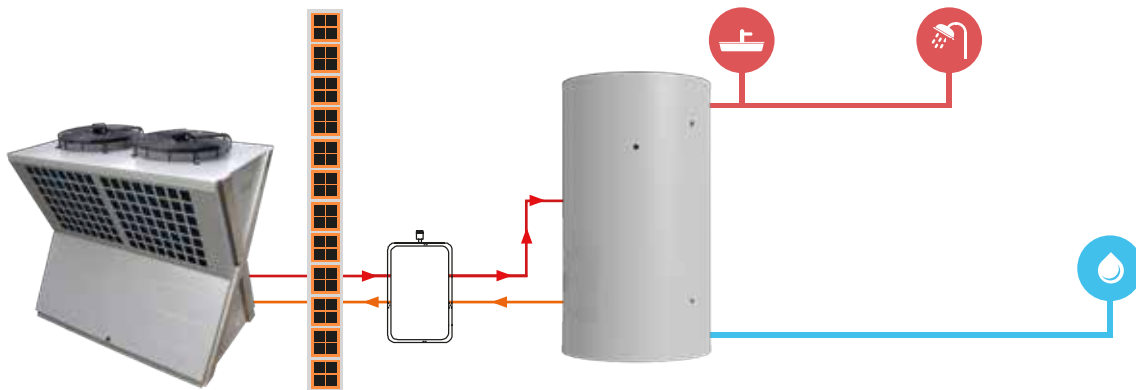
Operation Period

INSTALLATION SCENARIOS

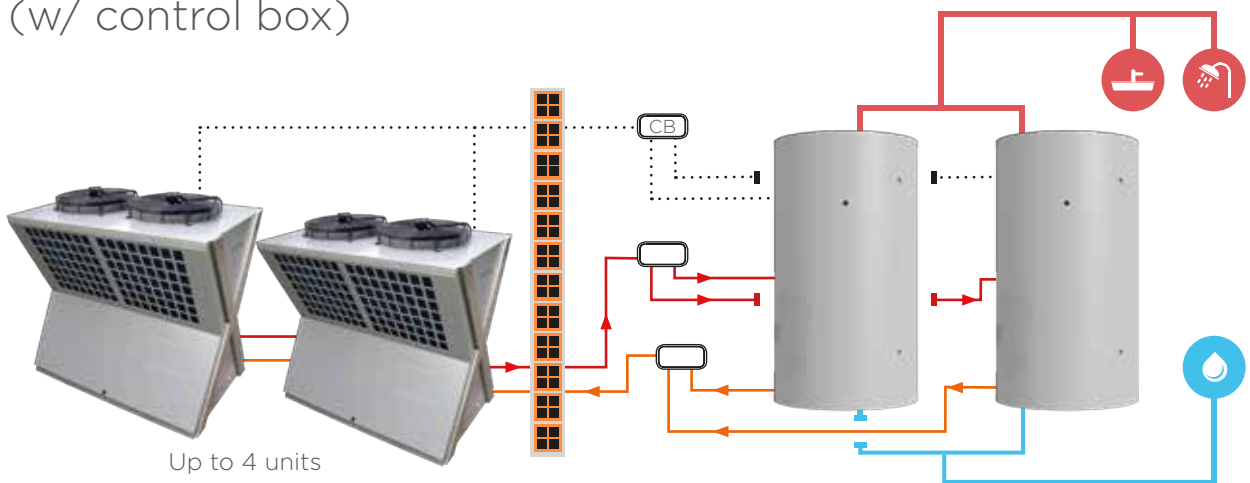
STANDARD INSTALATION



INSTALATION WITH BUFFER TANK (cold weather regions)



INSTALLATION MODULAR SYSTEM (w/ control box)



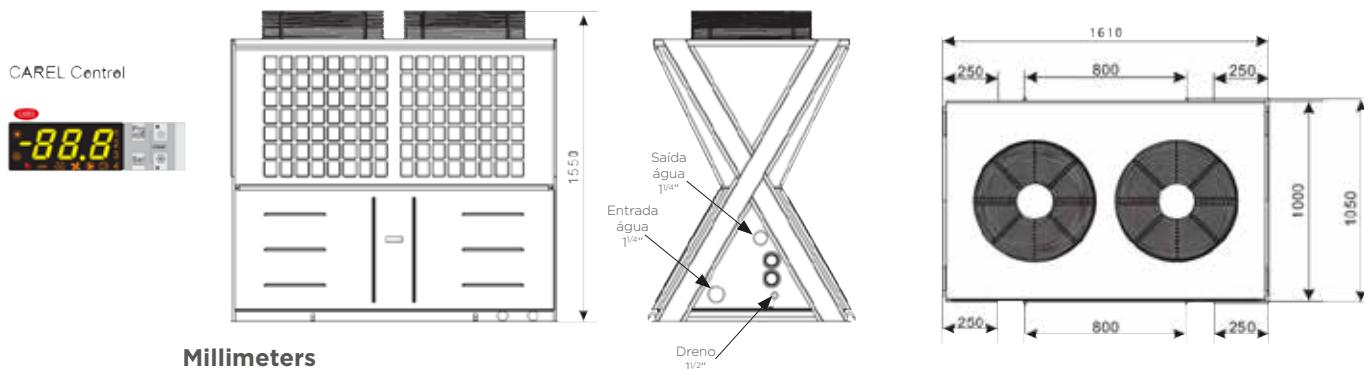
TECHNICAL SPECIFICATIONS

INTERIOR UNIT

Equipment	Air-Water Heat Pump
Modelo	Energie AQUAPURA X30
Refrigerant	R134a
Power supply	380V/3N-/50Hz
Maximum heating capacity	40,00 kW *
Heating capacity	26,50 kW **
COP	3,70 **
Heating capacity	32,00 kW ***
COP	3,48 ***
Domestic Hot Water production	550 l/h ***
Compressor	EVI Scroll
Number of compressors	1
Compression stages to reach max. temperature	1
Water pump	GRUNDFOS
Nominal flow	5,00 m ³ /h
Exchanger	DHW Helical Encapsulated
Number of fans	2
Fan orientation	Vertical
Noise level	62 dB(A)
Dimensions (LxWxH)	1610x1050x1550 mm
Weight	362 kg
Outdoor temperature	-7°C to 45°C
Maximum operating temperature	80°C
Recommended operation temperature	75°C
Hydraulic connections	1 1/4"

* DHW production (A35/ -0C W15-750C, COP 3,74) | ** according to EN 14511 (A7/60C W30/350C) | *** DHW production (A140C W15-650C)

DIMENSIONS



Millimeters



More detailed information at energie.pt



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