

A-O-A R290 8/10/16kW

Air Source Monobloc Heat Pump Air to Water

KEY FEATURES

- Inverter technology and R290 natural refrigerant.
- Thermal power modulation (20-100%) and production circulator pump speed control (20-100%).
- Hydrokits to achieve compact installations: DHW, 3-way valve, filter, filling kit, separator-exchanger, circulation pump, support electrical heater and DHW tank.
- Active cooling production on all models.
- Integrated energy meters.
- Defrost method (DDC), more power in less time, the cycle is reversed without stopping the compressor.
- Hybridisation with integrated PV systems.
- Internet connection and remote control.
- Performance under extreme conditions: the use of propane as a refrigerant ensures that temperature and power delivered is stable even under extreme external temperatures.

POWER

1-8kW
3-10kW
3-16kW

MODULATION

INVERTER

R290



GWP: 3

ELC. SUPPLY



Single Phase
Three Phase

DIMENSIONS

H 823/1250mm
W 1040/1240mm
D 435/625mm

WEIGHT

115kg
175kg

OUTDOOR UNIT VOLTA A-O-A



INDOOR UNIT VOLTA A-I



APPLICATIONS



DHW



Heating



Cooling



Pool



Photovoltaic



Internet

MODEL

VOLTA A-O-A 8 R290

1-8kW

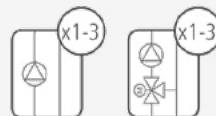
VOLTA A-O-A 10 R290

2-10kW

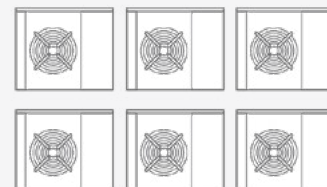
VOLTA A-O-A 16 R290

3-16kW

PRODUCTION MANAGEMENT



CASCADE





VOLTA
HEAT PUMPS
POWERED BY ECOFOREST



- Inverter technology.
- Power ranges: 1-8 kW / 3-10 kW / 3-16 kW.
- Natural refrigerant R290.
- Hot water production temperatures up to 75°C.
- Domestic Hot Production (DHW).
- Heating and pool production.
- Integrated active cooling production.
- Modulating speed fan.
- Internet connection and remote control.
- Integrated PV hybridisation.
- Single-phase (230V) or three-phase (400V) power supply.

INDOOR UNITS

VOLTA A-I-C	VOLTA A-I-S	VOLTA A-I-L
<ul style="list-style-type: none"> • Controller • Display 	<ul style="list-style-type: none"> • Controller • Display • Filling kit and filter • DHW 3-way valve • Support electrical heater • Heat exchanger & circulation pump 	<ul style="list-style-type: none"> • Controller • Display • Filling kit and filter • DHW 3-way valve • Support electrical heater • Heat exchanger & circulation pump • 165litre stainless steel DHW tank • Expansion vessel & safety valve