

ecoGEO Basic



Range

ecoGEO Basic 1-9 kW

1 - 9 kW

ecoGEO Basic 3-12 kW

3 - 12 kW

ecoGEO Basic 5-22 kW

5 - 22 kW

Source



Ground



Phreatic



Air



Hybrid

Services



DHW



Heating



Cooling
Passive/Active



Pool

POWER

1-9 kW
3-12 kW
5-22 kW

MODULATION

INVERTER

DHW

HTR
70°C

POW.SUPPLY

1-phase
3-phase

DIMENSIONS

Height 1060 mm
Length 600 mm
Depth 710 mm

WEIGHT

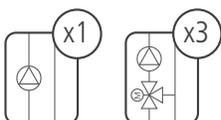
193 kg

Features

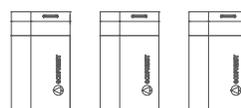
Ground source Heat Pump

- Inverter technology and Scroll compressor
- Ability to modulate thermal power (20-100%) AND the speed of the production circulator (20-100%)
- Compact installation: circulation pumps, safety valves and expansion vessels of the integrated primary and secondary circuits. Also includes three-way valve for the production of integrated DHW
- Active Cooling inside (ecoGEO B3 and ecoGEO B4)
Passive Cooling inside (ecoGEO B2 and ecoGEO B4)
- Integrated Energy meters
- Simultaneous cooling-heating production allowing for unique performances
- HTR technology: Allows DHW production up to 70°C without the need of an electric heater
- Ground source or hybrid collection systems: management of modulating athermal units
- Control through Internet
- Possibility of hybridization with photovoltaic energy
- ECOFOREST control strategies developed by our R&D

Production management



Cascade



ecoGEO Basic



Inverter technology and Scroll compressor

Power ranges: 1-9 kW / 3-12 kW / 5-22 kW

Domestic hot water production with external DHW tank

Production of heating and swimming pool

Integrated production of active cooling

Integrated production of passive cooling (free cooling)

Control through Internet with the ecoSMART Easynet

Hybridization with photovoltaic energy with the energy managers ecoSMART e-manager & e-system

HTR technology for the production of domestic hot water up to 70 ° C.

Integrated cascade control up to 3 units

Single-phase (230V) or three-phase (400V) power supply

ecoGEO B1

DHW
Heating

ecoGEO B2

DHW
Heating
Passive Cooling

ecoGEO B3

DHW
Heating
Active Cooling

ecoGEO B4

DHW
Heating
Passive Cooling
Active Cooling

