



W-S R410A 10/14/22kW
Ground Source Heat Pump Brine to Water

KEY FEATURES

- Inverter technology and Scroll compressor
- Ability to modulate thermal power (12.5-100%) and the speed of the production circulator (20-100%)
- Compact installations: circulation pumps, safety valves and expansion vessels of the primary and secondary circuits inbuilt. 3-way valve for DHW production integrated
- Active cooling inbuilt (VOLTA W-S-A and W-S-F)
Passive cooling inbuilt (VOLTA W-S-P and W-S-F)
- Integrated energy meters
- Simultaneous heating and cooling production allowing unique performance
- SUPERHEATER: Allows DHW production up to 70°C without the need of an electrical heater
- Ground source or hybrid collection systems: management of modulating air source units
- Internet connection and remote control
- Hybridisation with photovoltaic energy inbuilt

POWER

1-10kW
3-14kW
5-22kW

MODULATION

INVERTER

DHW

70°C

POWER SUPPLY

Single Phase
Three Phase

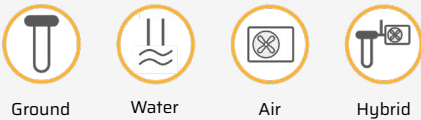
DIMENSIONS

H 1060mm
W 600mm
D 710mm

WEIGHT

193kg

COLLECTION



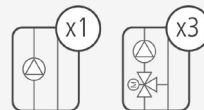
SERVICES



RANGE

VOLTA W-S 10 1/3P	1-10kW
VOLTA W-S 14 1/3P	3-14kW
VOLTA W-S 22 1/3P	5-22kW

PRODUCTION MANAGEMENT



CASCADE





- Inverter technology and Scroll compressor
- Power ranges: 1-10 kW / 3-14 kW / 5-22 kW
- Domestic hot water production with external tank
- Heating and pool production
- Active cooling production inbuilt
- Passive cooling production inbuilt (free cooling)
- Internet connection and remote control
- Photovoltaic hybridisation integrated
- Superheater for DHW production up to 70°C and for simultaneous DHW and heating/cooling
- Integrated cascade control of up to 3 units
- Single-phase (230V) or three-phase (400V) power supply

VOLTA W-S-H	VOLTA W-S-P	VOLTA W-S-A	VOLTA W-S-F
<ul style="list-style-type: none"> • DHW • Heating 	<ul style="list-style-type: none"> • DHW • Heating • Passive cooling 	<ul style="list-style-type: none"> • DHW • Heating • Active cooling 	<ul style="list-style-type: none"> • DHW • Heating • Passive cooling • Active cooling



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