

## W-S 10/14/22 Brine-to-water heat pump

### 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



Ground



Water



Air



Hybrid

### SERVICES



DHW



Heating



Active/Passive  
Cooling



Pool



Photovoltaic



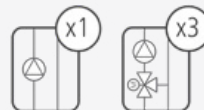
Internet



### RANGE

VOLTA W-S 10	1-10kW
VOLTA W-S 14	3-14kW
VOLTA W-S 22	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 control remote
- 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"> <li>• DHW</li> <li>• Heating</li> </ul>	<ul style="list-style-type: none"> <li>• DHW</li> <li>• Heating</li> <li>• Passive cooling</li> </ul>	<ul style="list-style-type: none"> <li>• DHW</li> <li>• Heating</li> <li>• Active cooling</li> </ul>	<ul style="list-style-type: none"> <li>• DHW</li> <li>• Heating</li> <li>• Passive cooling</li> <li>• Active cooling</li> </ul>



UK Distributors of Heat Pumps and Air Conditioning Systems

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