



**VOLTA**  
HEAT PUMPS

## W-L R290 6/10/16kW Ground Source Heat Pump Brine to Water

### KEY FEATURES

- Inverter technology and Scroll compressor
- Ability to modulate thermal power (15-100%) 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 R290)  
Passive cooling inbuilt (VOLTA W-S-P and W-S-F R290)
- Integrated energy meters
- Environmentally friendly, low GWP of 3
- Superheater option available on 10kW and 16kW models
- Ground source or hybrid collection systems: management of modulating air source units
- Internet connection and remote control
- Hybridisation with photovoltaic energy

#### POWER

1-6kW  
2-10kW  
4-16kW

#### MODULATION

INVERTER

#### WATER



75°C

#### POWER SUPPLY



Single Phase  
Three Phase

#### DIMENSIONS

H 1804mm  
L 600mm  
D 720mm

#### WEIGHT

255kg

#### SOURCE



Ground



Water



Air



Hybrid

#### SERVICES



DHW



Heating



Active/Passive  
Cooling



Pool



Photovoltaic



Internet



#### RANGE

VOLTA W-L 6 R290 1P

1-6kW

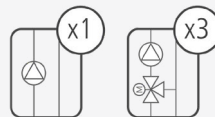
VOLTA W-L 10 R290 1/3P

2-10kW

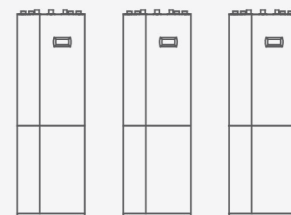
VOLTA W-L 16 R290 1/3P

4-16kW

#### PRODUCTION MANAGEMENT



#### CASCADE





- Inverter technology
- Power ranges: 1-6 kW / 2-10 kW / 4-16 kW
- Domestic hot water production with integrated 165ltr tank
- Heating and pool production
- Active cooling production inbuilt
- Passive cooling production inbuilt (free cooling)
- Internet connection and remote control
- Photovoltaic hybridisation integrated
- Superheater option available on 10kW and 16kW models
- Integrated cascade control of up to 3 units
- Single phase (230V) or three-phase (400V) power supply on 10kW and 16kW models

	VOLTA W-L-H	VOLTA W-L-P	VOLTA W-L-A	VOLTA W-L-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>
<b>6kW</b>	230V	230V	230V	230V
<b>10kW</b>	230V/400V SH option	230V/400V SH option	230V/400V SH option	230V/400V SH option
<b>16kW</b>	230V/400V SH option	230V/400V SH option	230V/400V SH option	230V/400V SH option



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