

i-SHWAK/V4/KA 12

i-SHWAK/V4

Split air/water reversible inverter heat pump



The reversible heat pumps i-SHWAK V4 series are designed for residential and commercial applications, these units are extremely versatile and can operate in heat pump mode with the ability to produce hot water for environmental heating and sanitary applications.

The new i-SHWAK V4 system, which is the result of the evolution of the previous model V3, is the ideal solution for the total home climate control (with the accessory Hi-T). For new or already existing house if equipped with a radiant floor or fan coil as heating system, with feeding from electric power network and renewable energy sources. The INVERTER compressor with brushless DC motor technology, matched with electronic expansion valve, pump and variable speed blower always with brushless motor, as well as the integrated circulators, optimize the power consumption and the operation efficiency of the refrigerating components and of the entire system.

BUILDING FEATURES:

- Customized control system with microcontroller regulation, overheating control logic with electronic expansion valve.
- DC inverter compressors: twin-rotary Dc Inverte.
- Ventilation: DC inverter with axial fan
- Source exchanger: optimized circuit with finned coil, copper pipes and hydrophilic aluminum fins.
- Refrigerant circuit: The circuit is made with copper pipes and includes: condensing control, electronic expansion valve, reversing valve, high/low pressure switch, separator and liquid receiver, valves for maintenance and control, double-inlet pressure, high and low pressure transducers.

Selection data

		Summer	Winter
Air temperature (wet bulb)	°C	24	6
Air temperature (dry bulb)	°C	35	7
Outlet water temperature	°C	7	35

ADVANTIX SPA

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C.F.e P.IVA 01209000239 – Iscritta presso il Tribunale di Verona ai n° 12621/17484 – Capitale Sociale 3.100.000 € i.v.

**AZIENDA CON SISTEMA
DI GESTIONE QUALITÀ
CERTIFICATO DA DNV GL
= ISO 9001 =**

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Offer Number: 21711

Date: 04/28/2021

Capacity	kW	8.49	12.1
Power absorption	kW	2.74	2.95
Glycol	%	0	-
ΔT	-	5	5
EER / COP	W/W	3.1	4.1

Technical sheet

Description	Unit of measurement	Value
Power supply	V,Ph,Hz	230/1Ph
Energy Efficiency (water 35°C / 55°C)	-	A++/A+
Compressor Model	-	Twin Rotary DC inverter
Compressors	n.	1
Fan specification	Type	DC Brushless
Fans	n.	1
Refrigerant	Type	R410A
Refrigerant gas content	kg	3,9
Sound Pressure	dB(A)	55,5
Weight	kg	83,5
Dimensions (L = Length; A = Height; P = Width)	mm	1047x913x465

Loose accessories

AG - AG - Rubber shock absorbers

Unit dimensional drawings

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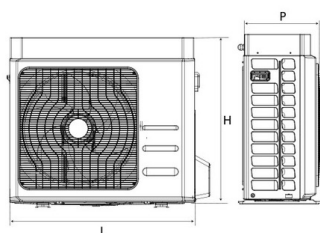
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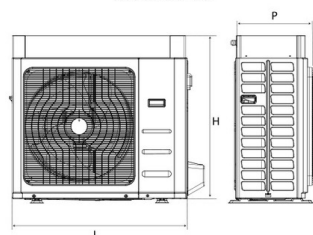
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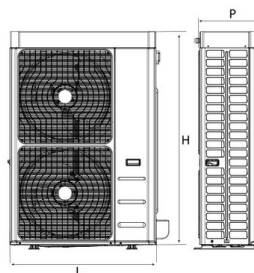
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Mod. 06-08

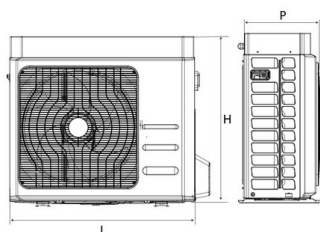


Mod. 10-12

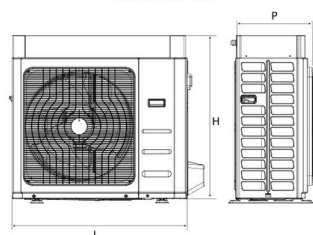


Mod. 14-14T-16-16T

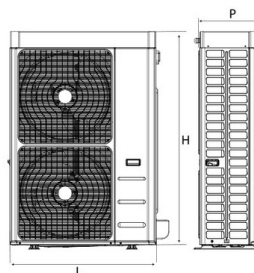
Unit dimensional drawings



Mod. 06-08



Mod. 10-12



Mod. 14-14T-16-16T