

VENICE

Water-water chiller

Cooling capacity 6,9 ÷ 9,8 kW



- Compact dimensions
- Quick & easy installation



DESCRIPTION

Indoor unit producing chilled water equipped with hermetic scroll compressors, and plate heat exchangers, that responds perfectly to the market requirements, small dimensions, easy of installation, low noise. The technological choices made, always oriented to the highest quality, ensure very easy installation.

FEATURES

- All versions are equipped with circulation pump, water tank, water filter and safety valve
- Flow-switch supplied in series only on the DHW side exchanger.
- Microprocessor control
- Control panel
- Plate heat exchanger

- Compact dimensions
- Metallic protective cabinet with rustproofing polyester paint RAL 9003
- Protection rating IP 24

ACCESSORIES

PR3: Simplified remote panel. This makes it possible to carry out the unit's basic controls with the signalling of alarms. Can be made remote with shielded cable up to 150 m.

VP: Pressure switch valve complete with connections, piloted directly in relation to condensation pressure; the valve modulates the volume of water needed to cool the condenser, thereby maintaining the condensation temperature unchanged.

VT: Antivibration supports

ACCESSORIES COMPATIBILITY

Accessory	VENICE 20	VENICE 25	VENICE 30
PR3	•	•	•

Pressure switch valve

Accessory	VENICE 20	VENICE 25	VENICE 30
VP14	•		
VP15		•	•

Antivibration

Accessory	VENICE 20	VENICE 25	VENICE 30
VT7	•	•	•

PERFORMANCE SPECIFICATIONS

		VENICE 20	VENICE 25	VENICE 30
Cooling performance 12 °C / 7 °C (1)				
Cooling capacity	kW	6,9	8,3	9,8
Input power	kW	1,9	2,2	2,6
Cooling total input current	A	9,0	11,0	13,0
EER	W/W	3,71	3,81	3,81
Water flow rate system side	l/h	1185	1409	1667
Useful head system side	kPa	63,0	61,0	59,0
Water flow rate source side	l/h	1495	1769	2095
Pressure drop source side	kPa	18	13	12

(1) Date 14511:2018; Water user side 12 °C / 7 °C; Water source side 30 °C / 35 °C

ELECTRIC DATA

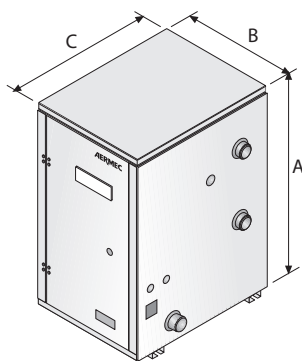
		VENICE 20	VENICE 25	VENICE 30
Power supply				
Power supply		230V~50Hz	230V~50Hz	230V~50Hz
Electric data				
Maximum current (FLA)	A	15,0	18,0	24,0
Peak current (LRA)	A	61,0	76,0	100,0

GENERAL TECHNICAL DATA

		VENICE 20	VENICE 25	VENICE 30
Compressor				
Type	type	Scroll	Scroll	Scroll
Number	no.	1	1	1
Circuits	no.	1	1	1
Refrigerant	type	R407C	R407C	R407C
System side heat exchanger				
Type	type	Brazed plate	Brazed plate	Brazed plate
Number	no.	1	1	1
Connections (in/out)	Type	Gas M	Gas M	Gas M
Sizes (in/out)	Ø	1"	1"	1"
Source side heat exchanger				
Type	type	Brazed plate	Brazed plate	Brazed plate
Number	no.	1	1	1
Connections (in/out)	Type	Gas M	Gas M	Gas M
Sizes (in/out)	Ø	1"	1"	1"
Sound data calculated in cooling mode (1)				
Sound power level	dB(A)	56,0	56,0	57,0
Sound pressure level (10 m)	dB(A)	48,0	48,0	49,0

(1) Sound power calculated on the basis of measurements made in accordance with UNI EN ISO 9614-2, as required for Eurovent certification. Sound pressure (cold functioning) measured in free field, 10m away from the unit external surface (in compliance with UNI EN ISO 3744).

DIMENSIONS



		VENICE 20	VENICE 25	VENICE 30
Dimensions and weights				
A	mm	625	625	625
B	mm	404	404	404
C	mm	504	504	504
Empty weight	kg	100	103	105

Aermec reserves the right to make any modifications deemed necessary.
All data is subject to change without notice. Aermec does not assume responsibility or liability for errors or omissions.

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