

VERSATEMP

Packaged air-conditioning unit

Water-cooled reversible heat pump. Indoor installation, horizontal ductable

Capacity from 4,8 to 30,8 kW



Heat pump



Water cooled



Horizontal:
uncased



R-410A



Hermetic
rotary
(size 21-5.1)



Hermetic
Scroll
(size 71-12.1)



ErP
compliant

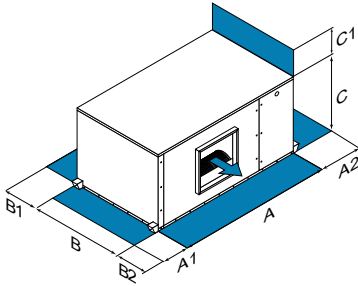
- ✓ Reversible heat pump
- ✓ Internal and horizontal installation, ductable
- ✓ High efficiency in all the operating conditions
- ✓ Air supply available in line or with angle at 90°.
- ✓ Specific hydraulic circuit components for different plant solutions
- ✓ Compliant with main communication protocols
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Versions and configurations

APPLICATION

- | | |
|----|---|
| W | Water Loop Heat Pump application (Standard) |
| PW | Once-through water application |

Dimensions and connections



Size	EVH-X SPACE	2.1	3.1	5.1	7.1	10.1	12.1
A - Length	mm	962	962	1167	1167	1467	1467
B - Width	mm	692	692	802	802	927	927
C - Height	mm	490	490	590	590	705	705
A1	mm	800	800	800	800	800	800
A2	mm	800	800	800	800	800	800
B1	mm	800	800	800	800	800	800
B2	mm	800	800	800	800	800	800
C1	mm	10	10	10	10	10	10
Operating weight	kg	98	103	138	151	200	225

The above mentioned data are referred to standard units for the constructive configurations indicated. For all the other configurations, refer to the relative Technical Bulletin.

CAUTION!
For trouble-free operation of the unit it is essential to maintain the safety distances indicated by the blue areas.

Technical data

Size	EVH-X SPACE	2.1	3.1	5.1	7.1	10.1	12.1
Cooling capacity	(1) kW	4,81	8,46	11,2	17,9	25,9	30,8
Sensible capacity	(1) kW	3,74	6,44	8,84	13,9	20	22,4
Compressor power input	(1) kW	0,96	1,61	2,27	3,07	4,74	5,36
EER	(1) -	3,59	4,05	3,58	4,17	4,24	3,97
Heating capacity	(2) kW	7,06	9,83	13,5	22,1	32,3	36,4
Compressor power input	(2) kW	1,46	1,99	2,56	4,02	6,04	6,23
COP	(2) -	4,01	4,1	3,97	4,17	4,42	4,23
Refrigeration circuits	Nr	1	1	1	1	1	1
No. of compressors	Nr	1	1	1	1	1	1
Type of compressors	-	ROT	ROT	ROT	SCROLL	SCROLL	SCROLL
Supply air flow rate	m ³ /h	1000	1500	2800	3800	4900	6000
Type of supply fan	(3) -	CFG	CFG	CFG	CFG	CFG	CFG
Number of supply fans	Nr	1	1	1	1	1	1
Max. static pressure supply fan	(4) Pa	250	270	290	310	220	410
Water flow (Source side)	l/s	0,27	0,47	0,64	1	1,47	1,72
Standard power supply	V	230/1~/50	230/1~/50	230/1~/50	400/3~/50+N	400/3~/50+N	400/3~/50+N
Sound pressure level	(5) dB(A)	37	42	44	49	47	50
Directive Erp (Energy related Products)							
SEER	(6)	3,28	3,93	3,57	4,23	4,47	3,97
η _{s,c}	(6)	123,1	149,1	134,9	161,3	170,8	150,9
SCOP	(6)	3,81	3,82	3,81	3,91	4,08	4,01
η _{s,h}	(6)	144,4	144,8	144,4	148,4	155,2	152,4

The Product is compliant with the Erp (Energy Related Products) European Directive. It includes the Commission delegated Regulation (EU) No 2016/2281, also known as Ecodesign Lot21.

(1) Ambient air 26°C DB / 19°C WB; Exchanger inlet water 30°C; Exchanger water outlet 35°C
(2) Ambient temperature 20°C; Exchanger water outlet 10°C

(3) CFG = Centrifugal fan

(4) Max available static pressure with standard electrofan at min speed and nominal air flow; According to the variability of the voltage also the value of capacity and head pressure

(5) Sound levels refer to units with full load under nominal test conditions. The sound pressure is measured at 1 m from the external surface of the unit in open field conditions

(6) Data calculated according to the EN 14825:2022

Accessories

APFLX	Filter holder with access from the lower side
CDPX	Condensate drain pump
VIFWX	Steel mesh strainer and hand shut-off valve
FCVBX	Water balancing valve
V20NX	2-way ON-OFF valve for variable flow-rate loop
BPH20X	Shut-off valve for by-pass (water side)
V2MANX	Two-way manually actuated valves for constant water flow loop
V2MODX	2-way modulating valve for disposable water system
FLOX	Water control flow switch

MOBX	Modbus RS485 serial port kit
BACX	BACnet serial communication module
CWMX	It1IElectronic room control with display, for wall installation
CIWMX	Electronic room control with display, for wall installation in a flush-mounted box
AMMX	Spring antivibration mounts
PCFMO	Panels with M0 reaction to fire class

Accessories whose code ends with "X" are supplied separately

Data contained in this document are not binding and may be changed by the Manufacturer without notice