

VERSATEMP

Packaged air-conditioning unit

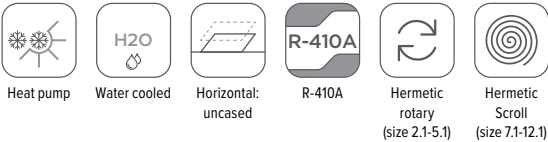
Reversible heat pump
Water cooled
Horizontal indoor installation
Ductable

Capacity from 4,8 to 30,8 kW

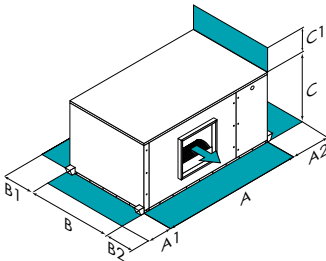


- ✓ Reversible heat pump
- ✓ Internal and horizontal installation, ductable
- ✓ High efficiency in all the operating conditions
- ✓ Air supply available in line or with angle at 90°.
- ✓ Specific hydraulic circuit components for different plant solutions
- ✓ Compliant with main communication protocols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

functions and features



dimensions and clearances



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 green areas.

versions and configurations

APPLICATION

- W

Water Loop Heat Pump application (Standard
- PW

Once-through water application

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		m³/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) ROT = Rotary compressor

(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
- CSMSLWX

LonWorks serial communication module
- BACX

BACnet serial communication module
- CWMX

Electronic room control with display, for wall installation
- CIWMX

Electronic room control with display, for wall installation
- AMMX

Rubber antivibration mounts
- PCFMO

Panels with M0 reaction to fire class

Accessories whose code ends with "X" are supplied separately