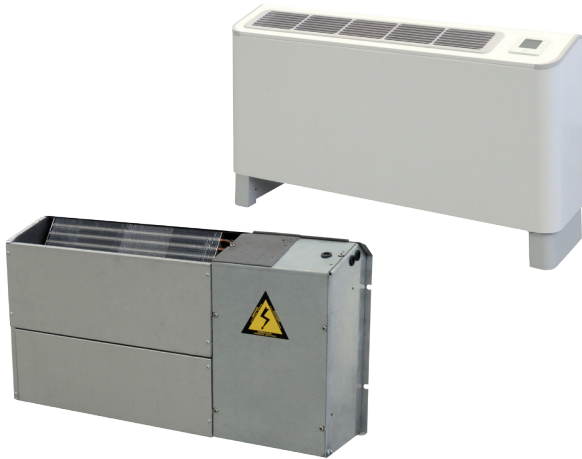


**Direct expansion high efficiency packaged air conditioner**  
 Reversible heat pump  
 Water cooled  
 Vertical indoor installation either cased or uncased  
**Capacity from 2,1 to 4,1 kW**

## VERSATEMP



**VERSATEMP EQV-X** is the high efficiency water source **packaged air conditioner** that automatically either heats or cools the ambient throughout the year, using the **water as source**.

Thanks to the rotary compressor, to the electronic expansion valve, to the plate heat exchanger and to the multispeed centrifugal fan, **VERSATEMP EQV-X** stands out for its **high efficiency in all the operating conditions** and for its **reliability**. The installation is also simplified by the **specific hydraulic pipe** works, supplied already installed and tested, which are available for different solutions.

The **VERSATEMP EQV-X design** can be elegantly added to different settings both in its cased and in its uncased version, the latter being available to be integrated in the furnishing. The **low noise** operation is ensured by the insulation of the compressor compartment, by the accurate balancing of the fans and by the antivibration devices provided for all moving parts.

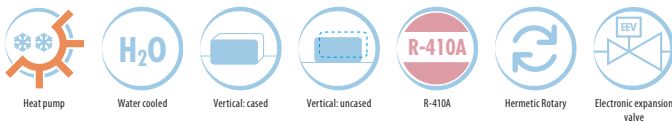


User interface THTUNE (optional) available:  
 - built-in  
 - wall mounted  
 - wall mounted on a flush mounting box.

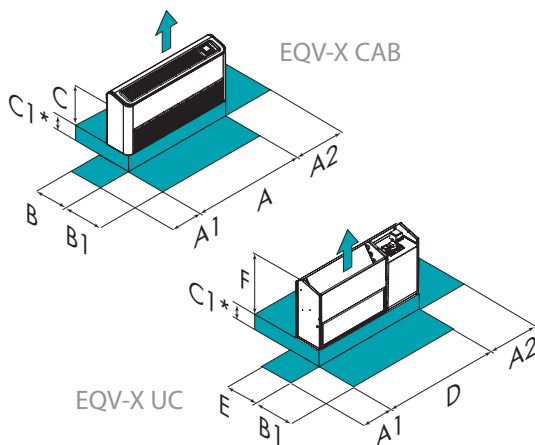
Some of the main features are:  
 - unit on/off  
 - temperature measurement with built-in probe  
 - main unit information display  
 - manual setting of the operating mode (heat/cool) and/or of the setpoint  
 - hourly and weekly programming of on/off and of the standard/economic set point  
 - manually, or automatically, managing the fan speed, depending on the distance from the set-point.



### functions and features



### dimensions and clearances



Size – EQV-X		5	7	9	15	17	21
A - Length	mm	1050	1200	1200	1350	1350	1350
B - Width	mm	240	240	240	240	240	240
C - Height	mm	520	520	520	520	520	520
D - Length	mm	945	1095	1095	1245	1245	1245
E - Width	mm	225	225	225	225	225	225
F - Height	mm	490	490	490	490	490	490
A1	mm	200	200	200	200	200	200
A2	mm	100	100	100	100	100	100
B1	mm	500	500	500	500	500	500
C1	mm	100	100	100	100	100	100
Operating weight	kg	55	61	61	64	64	68

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.

(\*) For units with air intake from below only

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

## versions and configurations

### CONFIGURATION:

- ▶ **UC** Uncased version (without casing) (Standard)
- ▶ **CAB** Configuration with fairing for cased applications

### RETURN:

- ▶ **R3** Floor air inlet (Standard)
- ▶ **RF** Front air inlet

## technical data

Size – EQV-X			5	7	9	15	17	21
▶ Cooling capacity	(1)	kW	2,08	2,39	2,88	3,38	3,75	4,11
Sensible capacity	(1)	kW	1,47	1,69	2,12	2,55	2,64	3,05
Compressor power input	(1)	kW	0,43	0,56	0,61	0,71	0,77	0,84
Total power input	(1)	kW	0,49	0,62	0,67	0,81	0,87	0,96
EER	(1)	-	4,19	3,78	4,20	4,09	4,22	4,20
▶ Heating capacity	(2)	kW	2,54	3,05	3,55	4,29	4,78	5,10
Compressor power input	(2)	kW	0,47	0,63	0,70	0,77	0,92	1,04
Total power input	(2)	kW	0,53	0,69	0,76	0,87	1,02	1,16
COP	(2)	-	4,91	4,49	4,71	5,05	4,72	4,49
No. of compressors		Nr	1					
Type of compressors	(3)	-	ROT					
Supply airflow		l/s	106	128	126	208	208	231
Type of supply fan	(4)	-	CFG					
Water flow rate (Source Side)	(5)	l/s	0,12	0,14	0,17	0,19	0,21	0,24
Standard power supply		V	230/1/50					
Sound pressure level	(6)	dB(A)	41	41	41	45	45	47
<b>Directive ErP (Energy Related Products)</b>								
SEER	(7)	-	3,93	4,13	4,08	4,02	3,95	4,22
SCOP	(7)	-	3,58	3,96	3,79	3,82	3,63	3,97

### Notes

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.

Values read in compliance with EN14511:2013 and including the required system fan motor and water pump capacity for overcoming pressure drops inside the unit. DB = dry bulb; WB = wet bulb

- (1) Ambient air 27°C D.B./19°C W.B. Exchanger water temperature 30°C / 35°C
- (2) Ambient air at 20°C D.B./15°C W.B. Water temperature at plate exchanger 20°C input; The water temperature at the exchanger output is read in relation to the flow of water being chilled.
- (3) ROT = rotary compressor

(4) CFG = centrifugal fan

(5) Water flow calculated in relation to the performances in cooling

(6) The sound levels are referred to unit operating at a full load in nominal conditions. The sound pressure level is referred at a distance of 1m. from the external unit surface, with fairing, fitted to a wall. Please note that when the unit is installed in conditions other than nominal test conditions /for example near walls or obstacles in general) the sound levels may undergo substantial variation. Measurements are made in accordance to the UNI EN ISO 9614-2, with units installed over two sound reflective surfaces.

(7) Data calculated according to the EN 14825:2016 Regulation

## accessories

- ▶ **CONT** Electronic room control with display, installed in a visible position on the unit with fairing
- ▶ **CONTX** Electronic room control with display, for installation on the uncased unit
- ▶ **CWMX** Electronic room control with display, for wall installation
- ▶ **CIWMX** Electronic room control with display, for wall installation in built-in box
- ▶ **MIPC** Hydraulic pipework arrangement for loop with constant flow rate with manual valves
- ▶ **MIPV** Hydraulic pipework arrangement for loop with variable flow rate with 2 way ON-OFF valve
- ▶ **REQV** Constant flow retrofit water connections for EQV,VV,VM units
- ▶ **V2MODX** 2-way modulating valve for disposable water system
- ▶ **KFVMX** Two ways modulating valve fixing kit for disposable water system
- ▶ **DAOJX** Air supply duct with flexible connection
- ▶ **GOJX** Air supply grille with flexible connection
- ▶ **FCVBX** Water balancing valve
- ▶ **PFHCX** 200 mm flexible pipes for the connection to the water circuit + drop conduit
- ▶ **PFHC1X** 500 mm flexible pipes for the connection to the water circuit + drop conduit
- ▶ **IFWX** Steel mesh strainer on the water side
- ▶ **CDPX** Condensate drain pump
- ▶ **CDPA** Condensate drain pump, built-in
- ▶ **FXVFX** Painted plinths for floor fixing
- ▶ **FXVFXH** Floor mounted painted feet kit with front grille
- ▶ **FXPFX** Zinc-coated plinths for floor fixing on uncased unit
- ▶ **FXPMX** Increased zinc-coated plinths for floor fixing on uncased unit
- ▶ **BACKV** Painted rear panel for cased version
- ▶ **MOBA** RS485 serial port with Modbus protocol, built-in
- ▶ **MOBX** Modbus RS485 serial port kit
- ▶ **CMSLWX** LonWorks serial communication module
- ▶ **BACX** BACnet serial communication module
- ▶ **CSVX** Couple of manual shut-off valves

### Key to symbols:

- Accessories separately supplied