



Very high production efficiency

Electronically controlled plug fans

Versatile use

Evolved electronic control



55%
detrazione
fiscale



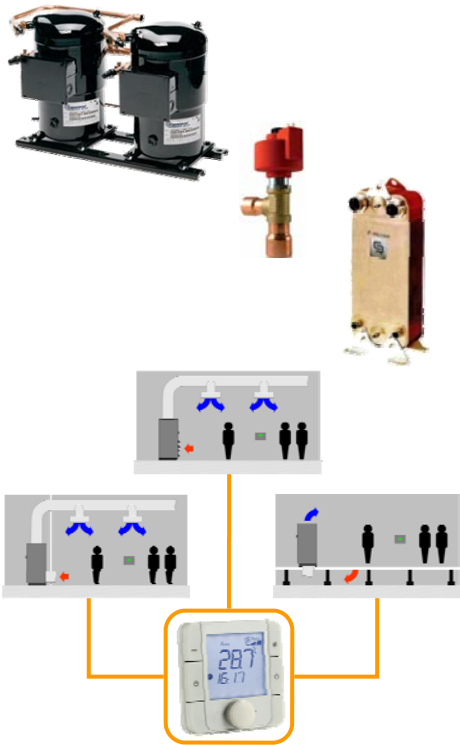
VERSATEMP CHV-X

The autonomous water cooled climate control unit for medium environments, which cools and heats air to guarantee year round comfort and maximum efficiency



CHV-X 25 - 222

Autonomous, high efficiency, direct expansion climate control unit. Water to air heat pump. Vertical indoor installation.



YEAR ROUND COMFORT Air cooling, dehumidification, purification, heating and humidification are some of the automatic climate control functions offered by CHV-X for offices, commercial areas, shops, technical rooms and production areas.

HIGH ENERGY EFFICIENCY is also obtained thanks to the electronically controlled plug-fans, the electronic thermostat valve and the source side plate heat exchanger. The use of Scroll compressors also contributes to cutting annual running costs and environmental impact. These compressors are installed parallel to each other on larger models, for maximum operating efficiency at partial loads.

VERSATILE USE Thanks to its compact dimensions and the numerous air outlet and intake combinations available, CHV-X is easy to install in warehouses, technical rooms, attics and outdoor terraces. The specific plumbing assemblies, for closed or open water loop systems, are already installed and tested on-board the unit, simplifying and speeding up the installation process.

EVOLVED ELECTRONIC CONTROL The on-board microprocessor offers fully automatic resource management in order to preserve comfortable ambient conditions. The simple user-friendly graphic interface means that even non-specialist personnel can make adjustments.

RELIABLE The use of mass produced plumbing and cooling components made on a global scale, and the use of transmission-free plug fans with belt and pulley, offer guaranteed reliability and durability over time.



Technical Data

Sizes		25	31	41	51	61	71	82	102	122	162	182	222
Rated air flow	m ³ /h	1900	2400	3000	3500	4200	5000	7000	8000	10000	11500	13000	15000
Total cooling capacity	(1) kW	9,0	12,4	15,9	18,1	21,0	24,3	34,9	39,9	48,9	57,1	67,2	76,8
Sensible cooling capacity	(1) kW	6,6	8,9	11,7	13,1	15,3	17,0	26,8	29,9	37,3	44,2	51,5	57,1
EER referred to the compressors	(1) -	5,02	5,16	5,39	5,31	5,12	5,27	5,45	5,35	5,31	5,61	5,50	5,25
Heating capacity	(2) kW	10,0	13,8	17,5	19,8	23,1	26,6	39,4	45,4	54,7	64,8	75,4	87,6
COP referred to the compressors	(2) -	5,25	5,36	5,43	5,36	5,40	5,48	5,41	5,30	5,67	5,58	5,59	5,39
Number and type of fans	-	1 Electronically controlled plug fans						2 Electronically controlled plug fans					
Number and type of compressors	-	1 Scroll R410A						2 Scroll R410A					
Dimensions (length x depth x height)	mm	650 x 650 x 1720		850 x 650 x 1720		1050 x 650 x 1720		1050 x 780 x 2000		1450 x 780 x 2000		1850 x 780 x 2000	

Data referred to the following conditions

(1) Ambient air temperature 27°C d.b. / 19°C w.b. Inlet water temperature 30°C, outlet 35°C

(2) Ambient air temperature 20°C d.b. / 14°C w.b. Inlet water temperature 20°C, outlet 12°C

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