

CCV

AIR CONDITIONER FOR CELLARS

The new **CCV** air conditioner is studied and developed to grant a fine control of temperature and humidity parameters, especially for small private cellars and other ambiances that need such a fine parameters control.

The compact and elegant design of the unit can satisfy the most exigent requests according to reduced spaces, as often is the case for the ambiances of destination.

The unit is a mono-block direct expansion solution with a high technology degree.

Functions:

- Heating
- Cooling
- Humidification
- Dehumidification



HEATING



COOLING



R-410A
OZONE FRIENDLY



DEHUMIDIFICATION



RS485
PROTOCOL
CONNECTION LINK



LOW NOISE



Focus on technology:

- Electrical heating
- Refrigerant cooling circuit
- Humidification with distilled water tank
- Recirculation fan: electronic radial with brushless engine and inverter, that can be modulated from 0 up to 100%
- Condensation fan: electronic radial with brushless engine and inverter, that can be modulated from 0 up to 100%
- Temperature and humidity probe on board with close tolerance ($\pm 0,5$ °C/%)
- Advanced and programmable control with available remote display
- Water sanitization system
- Time-bands program
- Access and unit maintenance from the front

Advantages:

- Mono-block extremely compact unit
- Elegant design
- Connection with the aeraulic system compatible with the new HiDew VMC Series for air distribution
- Short installation time
- No needs for refrigerator technician neither for refrigerant gas empty or fill in operations
- The risk of installation faults is extremely reduced: higher economy
- Circular connections nr° 6 x 160 mm

Technical sheet

CCV 450 S

CCV 450 H

		CCV 450 S	CCV 450 H
Cooling power (*)	Watt	1750	2150
Recirculation internal air flow	m³/h	450	450
Condensation external air flow	m³/h	Modulated from 0 to 450	Modulated from 0 to 450
Recirculation fan pressure	Pa	180	180
External air fan pressure	Pa	150	150
Electrical heater capacity	Watt	1600	1600
Nominal power consumption	Watt	890	910
Maximum power consumption	Watt	1240	1260
Maximum power consumption with electrical heater	Watt	2840	2860
Dimensions L x H x D	mm	650 x 1645 x 450	650 x 1645 x 450
Refrigerant gas		R 134 A	R 410 A
Power supply	V/ph/Hz	230 / 1 / 50	230 / 1 / 50
Internal temperature working range	°C	da 10 a 28	da 10 a 25
External temperature working range	°C	da -5 + 37	da -5 + 35
Internal humidity working range	%u.r.	45 - 95	45 - 95

(*) internal conditions 18°C / 80% R.H, - external air 30°C

Options:

- Humidification system
- Humidification water sanitization system
- Electrical heater
- RS485 Serial board
- Remote user terminal
- Silent version
- Wood-like cover

