

RCV

Monoblock units for
bottled wine storage



- › Accurate control of humidity and temperature to guarantee products quality
- › Single electronic controller to manage humidity and temperature
- › The quick and easy through wall installation is non-invasive for the room volume



Storage of bottled wines in small to medium-sized rooms

The RCV units are refrigerating monoblock machines for storing bottled wines in small and medium-sized rooms by means of electronic control of temperature and humidity.

Sudden temperature changes shorten the life cycle of wine. For this reason, the respect of the hygrometric conditions, continuous ventilation and the absence of vibrations are fundamental parameters to ensure the best refinement of the product.

Starting from a light and functional steel sheet body with compact dimensions, the RCV models have been designed to adhere to and reproduce the optimal conditions required by wine storage processes.

The operation range is from +20°C to +10°C while the achievable humidity range varies from 60% to 80%.

The efficient refrigeration system is entirely protected by the monoblock body. The unit is equipped with a soundproof hermetic compressor, a condenser equipped with 4-pole fan, an evaporator with fan and it is precharged with refrigerant.

A distinctive feature of this range is the control system of the environment hygrometric conditions. The humidity and temperature control is centralized and managed by a single electronic controller that secures sequences of humidification-dehumidification phases ensuring high efficiency. The humidity control system with electrical resistances is based on the water automatically supplied by the water network to which the unit is connected.

The dehumidification phase precedes a post-heating process where the temperature inside the cell is regulated by electric heating.

The RCV models are equipped with a cable with a probe holder panel for a constant and accurate detection of temperature and humidity inside the room.

The quick and easy through wall installation is non-invasive for the room volume and requires a single hole on the wall where the evaporating section will be inserted. The condensation water elimination system does not require external connections, increasing the level of independence of the unit during operation.

The standard equipment is completed by separator-accumulator, dehumidifier filter for refrigerant, automatic defrosting system and cable for power supply.

The RCV functions are easily programmable and customizable through an intuitive electronic controller with a user interface located on the front of the body.

The RCV units, silenced in operation, compact in dimensions and rigorous in setting substantial parameters such as temperature and humidity, offer a highly effective and innovative solution for owners of natural cellars or adapted rooms, creating the ideal environment to enhance the expression and the unique character of their wines.

Standard configuration

- › Hermetic compressor
- › Power supply 220-230/1N~/50
- › Filter dryer
- › Four-pole condenser fan
- › Capillary tube expansion
- › Separator/accumulator
- › Refrigerant charge
- › Fixed calibration Hp switch with automatic reset
- › Fixed calibration Lp switch with automatic reset
- › Electronic control board
- › Switchboard with protection fuses
- › Humidity control during dehumidification with electrical post heating
- › Temperature control with electrical heating
- › Simple low noise housing
- › 3m cable for power supply
- › 1,5m cable for temperature/humidity probe panel
- › Condenser fan pressure switch
- › Crankcase heater
- › Prearrangement for supervising system
- › Air condensation with axial fan
- › Automatic humidification system
- › Crankcase heater and condenser fan pressure switch



Personalization options and accessories

Power supply:

- › 220-230/1N~/60

Technical data



RCV

Code	RCV103EA12S3	RCV105EA12S3	RCV206EA12S3	RCV207EA12S3
Refrigerant	R134a	R134a	R134a	R134a
Power supply [V/Ph~/Hz]	220-230/1N~/50	220-230/1N~/50	220-230/1N~/50	220-230/1N~/50
HP compressor	1/3	3/8	1/2	3/4
PED category	0	0	0	0
Working temperature [°C]	+20 ÷ +10	+20 ÷ +10	+20 ÷ +10	+20 ÷ +10
Range RH [%]	60-80	60-80	60-80	60-80
Cooling capacity [Watt] [TC=10°C TA=30°C]	593	912	1.336	1.935

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