

## Wine C25, silence & energy save

In order to answer to all layouts and cellar's volume, FONDIS launched the winecellar air conditioner Wine C25 making it possible to air condition until 25m<sup>3</sup>. Belonging to the family of the "windows" solutions, it transforms each room well insulated into true wine cellar. In addition to its completely innovative design, the C25 is fitted with a "high efficiency" technological equipment offering silence and important energy savings.



**NEW « autumn - winter 2009 »**

### Main characteristics

- Granulated appearance of the frontage and printed screen for high-end rendering
- 2 speed rates programmer fan
- Fan equipped with the technology « Energy Saver Motor »
- Quiet operating thanks to new materials
- Powerful, economical and ecological

## Esthetics

### THE FRONTAGE VISIBLE INSIDE THE CELLAR

- Frontage designed in polymer ABS for an excellent resistance
- Thermoformed material forming a slightly curved original design
- Material tinted in the mass for a nice uniform gray colour
- Slightly grany appearance with a high end rendering
- Inside in aluminium with anti-corrosive specific treatment
- Round honeycomb grid in black enamelled sheet providing visual discretion of the fan
- Lateral machine shaped openings perfectly integrated into the overall design
- New aesthetic electronic thermostat with high performance display
- Silkscreen trademark WineMaster®

### THE BACK SIDE VISIBLE OUTSIDE THE CELLAR

- Designed treated steel facade for a pure surface without irregularity
- Polyester painted cover for a perfect finish and sustainable over time
- Lacquered gray steel for a harmony of colors and discretion on the outside wall
- Machined rear openings perfectly integrated into the overall design

Wine C25 is delivered with a wooden frame ensuring a good tightness and a easy installation .



## Technology

### A NEW FAN : SILENCE ET ENERGY SAVE

- 2 speed rate motor fan (900 & 1200 rotation/minute)
- Speed motor rate driven by the thermostat for a dealing simplicity
- Automatical speed adjustment to the cellar temperature conditions
- Composite blades for a quiet operating (42dB maximum noise level)
- Motor with ball bearings for a lifetime of over 50 000 h
- Brushless engine with an electrical efficiency over 90%



### TECHNOLOGY « ENERGY SAVER MOTOR »

The new technology of electronical commutation of the fan increases the performance, removes the heat from the engine and thus decrease considerably the energy consumption.

Only **7 watts** are necessary for the **fan operating in full power.**

### SIGNIFICANT PERFORMANCES

- A cooling capacity of 550 W for an absorbed power of 400 W only
- A measured air flow inside the cellar to 198m<sup>3</sup> / h in full speed
- A measured air flow outside the cellar of 179m<sup>3</sup> / h

## A TECHNOLOGIC THERMOSTAT

- Modern and refined design with a completely flat surface
- Function ON / OFF by digital input or from the keyboard
- High performance display to ensure an excellent visibility (red LED)
- Play facility through significant written figures
- Control touch for easy programming
- Standby mode: the cold production can be stopped manually
- Management of the fan speed depending the mode of operation :  
low speed in mode mixing and high-speed in cooling
- Protective adhesive to protect the thermostat in case of condensation



## And still all assets

### AN OPTIMAL CONSERVATIONS OF THE WINES

#### WINE C25 ALLOWS TO PRESERVE TO 4000 BOTTLES

- Maintaining a constant temperature in the cellar between 8 & 15°
- Humidity control: condensation of moisture excess and evacuation to the outside
- Anti-vibration system through elements mounted on rubber shock absorbers
- Dimensions of the device enabling its adaptation to different rooms (cellar, attic ...)
- Power consumption controlled by the turbine on condenser side
- Using an ecological refrigerant gas (R404A CFC-free)
- Increase the compressor power through R404A gas
- Heating function for models Wine C25S and SR ( heating belt )

#### AN EASY MAINTENANCE AND OPTIMAL SAFETY

- Easy maintenance with a single filter to replace once a year
- Securing electrical parts, no access possible
- Protection IP24 (water spray) of the fan and electric parts
- Protection IP65 of the thermostat against wet environments

#### RELIABILITY

Each appliance is subjected to a serie of tests in order to validate his compliance :

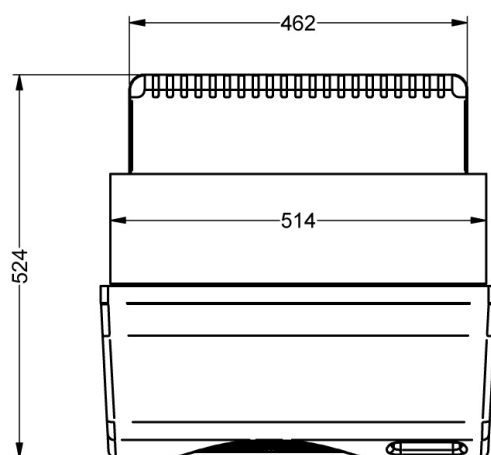
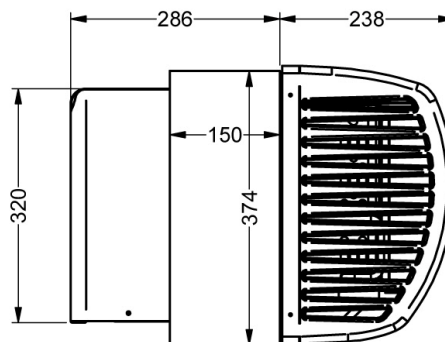
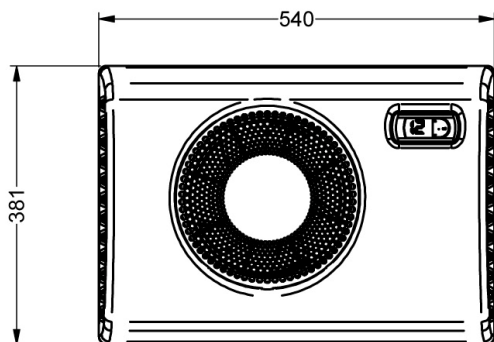
- Electric safety test
- Electromagnetic compatibility test
- Cooling test and measurement of the electrical power consumed
- Measurement of operating temperature in cooling and heating mode
- Ultimate control over specific points at the end of production line

#### WARRANTY

- 2 years warranty against all manufacturing defect
- Replacement of any defective part during the warranty period
- Warranty implementation for all equipments installed according to our installation guide



## ► TECHNICAL DATAS



### TECHNICAL SPECIFICATIONS

Reference	<b>Wine C25</b>
Power supply	<b>230-240 V - 50Hz</b>
Volume capacity*	<b>Up to 25 m<sup>3</sup></b>
Dimensions in mm	<b>L.540 x H380 x D525</b>
Weight in Kg	<b>31</b>
Cooling capacity	<b>550 W</b>
Puissance absorbée	<b>400 W</b>
Sound level inside the cellar	<b>42dB</b>
Air flow inside the cellar	<b>96 m<sup>3</sup>/h to 198m<sup>3</sup>/h</b>
Outside air flow	<b>179 m<sup>3</sup>/h</b>
Refrigerant	<b>R404A</b>
Heating resistance	<b>250 W</b>

\* in a very well insulated room

**WINE MASTER**<sup>®</sup>  
 ————— le temps d'être différent