



Equipos para Laboratorio  
Laboratory Equipment

## ULTRA LOW FREEZER **Model OVEVF 765L 86°**

- High energy efficiency new vertical laboratory freezer for sample storage
- Temperature control range from  $-40^{\circ}\text{C}$  to  $-86^{\circ}\text{C}$
- Digital temperature control unit with digital display, placed at visible level on the door front, for easy reading, to control the system parameters
- Control panel with tactile keyboard
- Special alarm system for any situation
- Potential free output for remote alarms system



### **Technical information**

<i>Model</i>	OVEVF 765L 86°
<i>Capacity in litres</i>	765
<i>VIP Isolation in mm</i>	110
<i>No. inner doors</i>	4
<i>No. leves</i>	4
<i>Consume in W</i>	2700
<i>Compressor HP</i>	2
<i>Internal dimensions in mm wide x deep x high</i>	930 x 660 x 1200
<i>External dimensions in mm wide x deep x high</i>	1190 x 996 x 1999
<i>Weight Net /Gross in kg.</i>	420 /380
<i>Gross Volume of the packaged in m3</i>	2,9



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### ***Technical specifications***

- Pt 100 temperature probe, accuracy of 0.1° C on the display
- Audible and visible independent alarms with battery back-up: maximum and minimum temperature, also alarms for power failure
- Alarm indication with battery back-up: door open, battery empty, filter saturation; also for systems failures, current voltage level and room temperature
- Lockable code protection of the control system with numerical password
- Printer for temperature, recorded every 20 min. and 7 days memory
- Display for ambient room temperature
- Display of the current voltage level
- Alarms record of the 10 last incidents, with indication of date, time and cause of alarms failure
- Main power switch, key protected
- Solid door with opening aids, with independent lock and keys
- Port hole for probes and tubes.



**OVEVF 765/86 with  
optional circular chart  
recorder**



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- Isolation of 110 mm high-density isolation preformed vacuum formed high density (VIP), CFC and HCFC free, biodegradable
- Cooling gases, CFC and HCFC free, biodegradable
- Surrounding evaporator system
- Hermetic compressors built on cascade, serial construction, low noise, mounted over dampers in order to avoid the sound level <48 dB
- Air filter placed on the front, easy to take out and clean
- Double heated perimeter gasket on the door, to ensure ice free and perfect airtight closing
- Heated pressure compensation valve, allow easy opening of the door.
- Internal chamber of stainless steel
- Round corners for easy cleaning
- Free height regulated stainless steel shelves
- Individual inner service doors, allow the access to each shelf, to avoid cool losing in case of frequent door openings
- External body of carbon steel, epoxy coated
- Base with 4 wheels, for easy movement
- Tropical treatment, to allow work until +32° C working area temperature, with 85-90% R.H.
- Power supply: 220-230V/50Hz



**Optional accessories (included in the basis price)**

Data loggers

On-board data storage: Store of temperature data on board for at least six months.

USB port: Built-in USB port for temperature data downloads.