

Laboratory Refrig./Freezer

Upright series



Lab Refrigerator,
series OVCVFCR9982-30

- High energy efficiency with low consume
- Two separated compartments for refrigeration and freezer
- Refrigerator compartment temperature range +1° C to +8° C
- Freezer compartment temperature range – 20° C to -35° C
- Digital temperature control unit with digital display, separated for each compartment.
- Acoustic and visual alarm for maximal and minimal temperature programmable
- Power failure alarm with battery back up

Technical information	
<i>Model</i>	<i>CVF/CR 982/30</i>
<i>Capacity in litres</i>	<i>400 + 400</i>
<i>Isolation in mm</i>	<i>60</i>
<i>No. shelves</i>	<i>3 + 3</i>
<i>Energy consumption in 24 h [kWh / 24h]</i>	<i>2,052</i>
<i>Compressor HP</i>	<i>1/2 + 3/4</i>
<i>Internal dimensions in mm wide x deep x high For each chamber</i>	<i>582x550x1394</i>
<i>External dimensions in mm wide x deep x high</i>	<i>1400x707x1981</i>
<i>Weigth Net /Gross in kg.</i>	<i>180/210</i>
<i>Gross Volume of the packaged in m3</i>	<i>2.2</i>

Technical specifications

- Homogeneity in the chamber of +/- 1,5°C in refrigeration chamber
- Probe Pt 100, with 0.1° C accuracy
- Model with forced-air flow system, distributed uniformly upward, with high homogeneity of the temperature inside the chambers
- Double solid doors with big size handle.
- On/off retro-illuminated power switch
- Cooling gases: R404a in freezer circuit and R134a in refrigeration circuit; both CFC and HCFC free, biodegradables.
- Evaporator with automatic defrost, probe controlled with defrost temperature monitorization.
- Two hermetic separate compressors for refrigerator and freezer, built over dampers, low noise <48 dB.
- Isolation of 60 mm of high density injected polyurethane, CFC and HCFC free
- Internal chamber made of stainless steel AISI 304
- Round corners for easy cleaning
- External body made of stainless steel AISI 304
- Feet size adjusts equipment height
- Internal shelves of plastic coated steel wire, adjustable in height
- Magnetic gasket on the door, to ensure a perfect airtight closing
- Isolation of 60 mm of high density polyurethane injected, of CFC and HCFC free
- Tropical treatment, to allow work until +35 °C working area temperature with 85-90% R.H.
- Power supply: standard 220-230V/50Hz.

Optional accessories

- Temperature circular chart recorder 7 days, main power with battery back-up, to works even with power failures situations, included 100 charts.
- Remote control connection RS 485/232 interface
- Potential free output for remote alarms system
- Storage system for cryotubes and cryoboxes
- Data loggers