



**Laboratory Refrigerator**  
**Model OVER 344 C**

- Digital temperature controller, with digital display, working temperature set at +4° C. (working range +2°C to +14°C)
- Forced air-cooling recirculation
- Pt 1000 temperature probe of 0.1° C accuracy on the display.
- Audible and visual independent alarms for maximum and minimum temperature (set at +6° C and +2° C), as alarms for probe and power failures
- Open door alarm system



<b>Technical information</b>	
<i>Model</i>	OVER 344 C
<i>Capacity in litres</i>	344
<i>No. shelves</i>	4
<i>Compressor HP</i>	1 / 4
<i>Internal dimensions in mm wide x deep x high</i>	470 x 470 x 1400
<i>External dimensions in mm wide x deep x high</i>	600 x 600 x 1850
<i>Weight Net /Gross in kg.</i>	87/98
<i>Gross Volume of the packaged in m3</i>	0,9



### Technical specifications

- Temperature digital controller set at +4°C (working range +2°C to +14°C)
- Homogeneity in the chamber of +/- 1,0°C
- Probe NTC; 0,1°C of accuracy
- Audible and visible independent alarms for temperature, probe and power failures; NiCd battery back-up, all with battery charger (support over 48 hours)
- Alarm sound stop switch , key protected, with auto and manual alarm test
- Lockable code protection of the control by numerical password
- Model with forced-air flow system, distributed uniformly upward, with high homogeneity of the temperature inside the chamber. Energy saving.
- Double thermal glass door, double layer, and big sized handle.
- Internal illumination with a separate switch
- Two side opening door., right or at left opening available (indicate at the order factory settings configuration)
- Security lock on the door with keys
- On/off retro-illuminated power switch
- Evaporator with automatic defrost, by hot gas bypass probe controlled
- Cooling gas R134a,CFC and HCFC free, biodegradable.
- Hermetic compressors system, built over dampers, low noise <48 dB.
- Internal chamber made of durable ABS inner lining
- Round corners for easy cleaning
- External body of epoxy coated carbon steel
- 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 +38 °C working area
- Power supply 220V / 50Hz. optionaly 110V / 60 Hz or 220V / 60 Hz.



### Technical specifications

Optional accessories (not included in the basis price)

- Base with 4 castors for easy movement
- Free contacts output for remote alarms control
- Audible and visible independent alarms for temperature, probe and power failures; NiCd battery back-up, all with battery charger ( support over 48 hours )
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- Condensate heated evaporation system
- Fan stop by open door
- Heated glass door with heated frame, to avoid condensation in high humidity areas
- Main power switch, protected with key
- Open door ajar set at 30 sec., with alarms
- Remote alarm output , dry contact
- Probe monitoring of condenser and ambient temperature
- Temperature circular chart recorder 7 days, main powered with battery back-up, to works even with power failures situations, included 100 charts (aprox.1,5 year work)



- Stainless steel drawers with telescopic guide, with high adjustment



- Set Divider for the internal arrangement of the drawers
- Backup power supply for the controller alarms ( included as standard )
- Backup power supply of the hole equipment with SAI