



## CL60B/2

Laboratory deep freezers -40°C  
from 300 to 600 lt. > Capacity 600 lt



### CL60B/2 Model

Capacity 300 LT + 300 LT

### Structure

External structure in hot-dip galvanized steel, anti-corrosion treated and PVC film coated.  
Scotch-brite stainless steel internal structure.

### Insulation

100 mm of insulation obtained by injection of high density ecological polyurethane CFC-free foam for excellent product preservation and best energy saving

### **Door**

Two self-closing solid doors, with folding magnetic gasket on four sides for perfect closing. Right hand opening or left hand on request. Optional electric digital key lock on both doors.

### **Internal fittings**

Two separate and independent compartments standard equipped with either 3 Scotch-Brite stainless steel shelves, removable and adjustable in height or 3 Scotch-Brite stainless steel drawers, adjustable in height, with telescopic ball-bearing slides and plexiglas frontal side.

### **Temperature range**

Setting between -15°C and -42°C in both compartments. Factory preset to -40°C. Digital adjustable with an increment of 0.1°C.

### **Refrigeration system**

Two completely sealed, silent and highly efficient hermetic compressors and ventilated air condensers (suitable also for tropical countries). Internal static evaporators. CFC-free R452a refrigerant gas. CFC/HCFC-free R290 refrigerant gas for European countries

### **Defrosting**

Manual defrosting cycle.

### **Capacity**

Upper compartment: 300 litres

Lower compartment: 300 litres

### **Voltage**

230V/50 Hz (on request 230V/60 Hz, 115V/60 Hz)

### **Absorption**

450 Watt in each compartment

### **Gas**

CFC free R452a refrigerant gas. CFC/HCFC-free R290 refrigerant gas for European countries.

### **Control panel and alarms**

Microprocessor control panel with colour 4.3" LCD touch screen and 4 mechanical keys. Display with 0.1°C resolution. Temperature monitoring detected by two independent PT1000 probes. Real time temperature graph (to be activated by end user). Optional humidity sensor. RS 232/RS 485 port. Digital calibration of probes. Visual and audible alarms of high and low temperature (by means of independent probe), open door, condenser efficiency, damaged probes, power failure at electricity recovery, power failure with recording of data and alarms (by means of optional back-up battery), damaged or flat battery. Memory of latest alarms visible on display.

## **Data logger**

To record temperatures and alarms. Download data on USB pen drive.

## **Standard**

- 3 scotch-brite stainless steel shelves or 3 drawers in each compartment
- Four one way wheels with stabilizing adjustable feet
- Power cord with Schüko type plug or British type plug
- Protection fuses (on power switch and electronic mainboard)
- RFI filter
- Password protected power switch and settings
- Electronic control panel with alarm system
- Remote contact (dry, volt-free) for alarm
- Data logger with USB port to download readings and data
- Memory of latest alarms visible on screen
- Power failure at electricity recovery

## **Optional accessories**

- Internal dividers for drawers
- Additional shelf
- Smooth shelf with borders
- Castors with two frontal brakes
- Weekly temperature chart recorder working with 1,5 V battery, equipped with 52 disks and a pen
- Back-up battery supplying energy to control panel in order to generate alarms in case of power failure
- GSM module to send SMS alarm messages to mobile phones, showing date, time, cabinet temperature and type of alarm
- LAN Port to connect the appliance via ethernet on PC to monitor correct functioning
- Digital humidity sensor
- Test hole (Ø 25 mm)
- Electric digital key lock
- Power supply 115V/60Hz

## **External dimensions and unit net weight**

780x840x1930 (wxdxh-mm)-kg. 224

## **Dimensions of packaging and shipping weight**

- carton box on pallet: 860x900x2080 (wxdxh-mm)-kg. 240
- wooden crate (option on request): 1030x940x2210 (wxdxh-mm)-kg. 288

## **Equipment in accordance with:**

Low voltage Directive 2014/35/UE, Electromagnetic Compatibility Directive 2014/30/UE

*Should it be necessary or useful without undermining any model essential features, technical and stylistic characteristics are subject to be changed without manufacturer's previous notice. The picture doesn't necessarily show the product in its standard version.*

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