# PN52E 330 bags

Blood Bank Refrigerators

+3° + 5° C from 100 to 1400 lt. > Capacity 520 lt




**PN52E Model**

PN52EL225PVS - Digital control panel LGK-2
PN52EA425PVS - 4.3" full touch control panel TP-1
PN52EA725PVS - 7" full touch control panel TP-1

**Structure**

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

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

**Door**
Self-closing glass door (double insulating - low emissivity glass) with folding magnetic gasket on four sides for perfect closing. Right hand opening or left hand on request. Lock with key.

**Light**
LED light (energy saving up to 70%) with automatic switch at door opening. Manual switch on control panel.

**Drawers**
6 scotch-brite stainless steel drawers with telescopic ball-bearing slides and plexiglas frontal side. Optional plexiglas internal dividers.

**Temperature range**
Setting between +3°C and +5°C. Factory preset to +4°C. Digital adjustable with an increment of 0.1°C.

**Refrigeration system**
Completely sealed, silent and highly efficient hermetic compressor and ventilated air condenser (suitable also for tropical countries). Internal ventilated evaporator. Forced-air cooling system conceived to achieve maximum temperature uniformity and stability inside the refrigerator even in case of frequent door openings. Evaporator fan shuts off during door openings. CFC/HCFC-free R290 refrigerant gas.

**Defrosting**
Fully automatic defrosting cycle and auto-evaporation of condensed water.

**Capacity**
520 litres - 330 blood bags (450 ml/each)

**Voltage**
230V/50 Hz

**Absorption**
274 Watt

**Gas**
CFC/HCFC-free R290 refrigerant gas.

**Control panel and alarms**

Microprocessor control panel. Display with 0.1°C resolution. Temperature monitoring detected by independent probes. Real time temperature graph (touch screen version). 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 with recording of data and alarms (by means of 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.

**Back-up battery**
Self-powered back-up battery (LGK-2 version) or rechargeable batteries (TP-1 Full touch version)to supply electric power to control panel in order to generate alarms in case of power failure.

**Temperature chart recorder (optional)**
Weekly temperature recording system working with 1,5V battery. It is equipped with 52 paper disks and an ink pen.

**Standard**

-6 scotch-brite stainless steel drawers
-Four one way wheels with stabilizing adjustable feet
-Lock with key
-Power cord with Schüko type plug
-Protection fuses (on power switch and electronic mainboard)
-RFI filter
-Password protected power switch and settings
-Electronic control panel with alarm system
-Back-up battery
-Remote contact (dry, volt-free) for alarm
-Data logger with USB port to download readings and data
-Memory of latest alarms visible on screen

**Optional accessories**

-Kit of internal plexiglass dividers for drawers
-Weekly temperature chart recorder
-Castors with two frontal brakes
-Test hole (Ø 25 mm) for external sensor of user

**External dimensions and unit net weight**
700x800x2040 (wxdxh - mm)-kg. 152

**Dimensions of packaging and shipping weight**

Carton box on pallet: 850x750x2180 (wxdxh - mm)-kg. 182
Wooden crate (option on request): 960x840x2260 (wxdxh - mm)-kg. 244

**Equipment in accordance with:**
(EU) Regulation 2017/745 (MDR)

**Contraindications and Warnings**
The use of the device is forbidden to people not qualified for this purpose and who have not read the document “Use and maintenance manual”. The use of the device is also forbidden to minors and people with cognitive and physical disabilities.
In addition, the equipment shall not be used when exposed to the elements, with adapters or extension cables, in an explosive atmosphere or at risk of fire and nearby heat sources.

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*The picture doesn’t necessarily show the product in its standard version.*

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