

# BLOOD BANK REFRIGERATORS +4°C

- **Defrosting.** Fully automatic
- **Temperature range.** +2° +6°C and factory pre-set value +4°C.
- **Rounded internal corners.** Easy to clean and maintain.
- **LED lighting.** LED lamps with automatic or manual switch
- **Stainless steel interior.** All upright cabinets have an interior of stainless steel which is very durable and easy to clean material.
- **External structure.** External structure in hot-dip galvanised steel, anti-corrosion treated and white PVC film coated.
- **Door.** Self-closing glass door with folding magnetic gasket on four sides for perfect closing. Right or left hand opening on request. Lock with a key.
- **Drawers.** Sliding drawers made of s/steel AISI304 with transparent frontal side are standard
- **Back-up battery.** Self-powered back-up battery to supply energy to control panel in case of power failure and therefore allowing alarms to work for up to 48 hours.
- **Temperature chart recorder.** Weekly temperature recording system working with 1,5V battery. It is equipped with 52 disks and a pen.
- **Wheels and feet.** Four one-way wheels and two stabilizing adjustable feet
- **Optional.** Internal dividers for drawers, SMS alerts.



Chart recorder



S/steel Drawers



Standard wheel kit



Optional dividers for drawers



Lan and usb ports available on request, Volt-free contact as standard



Rounded internal corners



Removable (magnetic) door gaskets



## FEATURES OF STANDARD ELECTRONIC CONTROLLER

End user interface	Display LED
Resolution (°C)	0,1
Maximum Number of Probes	3
Led Light, 75% power saving	yes
Acoustic alarm	yes
WI-FI interface	yes
Hot gas advanced defrost	yes

## ALARMS AND FAILURES (ACOUSTIC AND VISUAL)

Alarm "power failure"	yes
Alarm "high / low temperature"	yes
Alarm "open door"	yes
Alarm "sensor fault"	yes
Alarm "Clogged condenser"	yes
Alarm (events) recording (data logger of events and temperature)	yes

## SAFETY

Rechargeable back-up batteries	yes
Volt-free contact for remote monitoring	yes
Freezing and overheating safety device	yes

## OPTIONALS

Temperature datalogger with USB port (Available only without Wi Fi)	optional
RS 485 interface (Available only without Wi Fi)	optional
Electric digital key lock	optional
Gsm module	optional

## BLOOD BANK GLASS DOOR REFRIGERATORS RANGE +2° +6°C SETPOINT +4°C



Model	DSE-PSM014GBBPCBHE-A	DSE-PSM07GBBPCBHE-A
Dimensions exterior WxDxH (mm)	1440x800x2120	720x800x2120
Capacity (L)	1400	700
N of blood bags (450ml)	770	385
Insulation (mm)	60	60
Temperature (°C)	+4°C	+4°C
Temperature setting accuracy (°C)	0,1°C	0,1°C
Max. ambient temperature (°C)	+16°C +40°C	+16°C +40°C
Refrigeration type	Monoblock, ventilated	Monoblock, ventilated
Power supply (V)	220-240	220-240
Frequency (Hz)	50	50
Power consumption (W)	795	550
Weight (KG)	194	146
Shipping weight (KG)	220	161
Shipping dimensions WxDxH (mm)	1500x860x2170	860x910x2170
No. of compressors.	1	1
Doors	2 glass	1 glass
Automatic defrost and evaporation	yes	yes
Castors	yes	optional
Chart recorder	yes	yes
Drawers (pcs)	14 s/steel drawers	7 s/steel drawers
Lighting	yes	yes
Lock	yes	yes
Interior material	s/steel AISI304	s/steel AISI304
Exterior material	s/steel AISI304	s/steel AISI304
Refrigerant	R290	R290

## BLOOD BANK GLASS DOOR REFRIGERATORS RANGE +2° +6°C SETPOINT +4°C



<b>Model</b>	<b>DSE-PSM04GBBPCBHE-A</b>
<b>Dimensions exterior WxDxH (mm)</b>	600x600x1900
<b>Capacity (L)</b>	400
<b>N of blood bags (450ml)</b>	500x500x1350
<b>Insulation (mm)</b>	50
<b>Temperature (°C)</b>	+4°
<b>Temperature setting accuracy (°C)</b>	0,1°C
<b>Max. ambient temperature (°C)</b>	+16°C +40°C
<b>Refrigeration type</b>	Ventilated
<b>Power supply (V)</b>	220V/240V
<b>Frequency (Hz)</b>	50Hz
<b>Power consumption (W)</b>	330
<b>Weight (KG)</b>	75
<b>Shipping weight (KG)</b>	85
<b>Shipping dimensions WxDxH (mm)</b>	640x640x2050
<b>No. of compressors.</b>	1
<b>Doors</b>	1
<b>Automatic defrost and evaporation</b>	yes
<b>Castors</b>	optional
<b>Chart recorder</b>	optional
<b>Drawers (pcs)</b>	3
<b>Lighting</b>	yes
<b>Lock</b>	yes
<b>Interior material</b>	s/steel AISI304
<b>Exterior material</b>	s/steel AISI304
<b>Refrigerant</b>	R290