

## BLOOD BANK REFRIGERATORS PROFESSIONAL MODELS CBB SET AT +4° C



Double independent section temperature control in the chamber, in models CBBR

### OPTIONAL ACCESSORIES for all CBB models

- Double independent section for temperature control in the chamber with 2 different Pt100 temperature probes, with an accuracy on the display of 0,1°, to achieve the whole temperature range inside in all the chamber
- Set of stainless steel drawers with telescopic guides
- Storage racking systems and dividers for drawers
- Base with 4 wheels, for easy movement
- Models with solid door, without internal illumination, as optional: internal light for solid door models
- Triple thermal glass door and heated frame, to avoid condensation in high humidity areas (only in models of stainless steel body and chamber)
- Indication for door open, with audible and visible alarms
- Remote control interface connection RS 485/232
- Potential free output for remote alarm control
- Digital Printer
- Data loggers
- Port holes

All models in this chart: internal chambers and external body of stainless steel

Models	*Capacity of blood bags	Capacity in Litres	Internal/External	N° of shelves	Power in W	Compressors HP	Internal Dimen. in mm wide x depth x high	External Dimen. in mm wide x depth x high	Weight/Pack net/gross	Vol/Pack m <sup>3</sup>
CBB 322 C	180/200	322	Stainless steel	3	400	1/4	482 x 450 x 1392	600 x 637 x 1981	100/110	0.9
CBB 452 C	200/280	452	Stainless steel	3	910	1/4	582 x 550 x 1392	700 x 707 x 1981	115/125	1.2
CBB 612 C	250/300	612	Stainless steel	4	950	3/8	582 x 687 x 1487	700 x 819 x 2075	120/125	1.5
CBB 982 C	360/400	982	Stainless steel	3 + 3	1100	3/8	1282 x 550 x 1392	1400 x 707 x 1981	170/200	2.3
CBB 1322 C	520/600	1322	Stainless steel	4 + 4	1300	1 1/4	1282 x 687 x 1487	1400 x 819 x 2075	210/240	2.7

**CBB 70 mini blood bank for low capacity and small space requirements, special design for small quantity of blood bags. Model with solid door and internal glass door. Internal of stainless steel /external cabinet of steel epoxy coated**

Models	*Capacity of blood bags	Capacity in Litres	Internal/External	N° of shelves	Power in W	Compressors HP	Dimen. internas (mm) ancho x profundo x alto	External Dimen. in mm wide x depth x high	Weight/Pack net/gross	Vol/Pack m <sup>3</sup>
CBB 70	12/20	70	Inox/epoxi	1	450	0,2	410 x 350 x 500	550 x 545 x 940	75/105	0.6

1 cu ft = 28,3 litres. 1 inch = 25,4 mm.

\*Capacity of 450 ml blood bags change if use drawers or shelves

### LABORATORY REFRIGERATORS

**PROFESSIONAL MODELS CR FROM +2° C to +14 °C with alarms and CBF FROM +2° C to +14 °C**

- Digital temperature controller with display, temperature range from +2° C to +14° C.
- Forced-air cooling with big sized ventilator
- Pt1000 probe with 0.1° C accuracy on the display
- Audible and visible independent alarms for maximum and minimum temperature, also alarms for probe and power failure; all alarms with battery back-up, only in models CR

### TECHNICAL SPECIFICATIONS for all CR and CBF models

- Digital controller with digital display
- Homogeneity in the chamber of +/- 1,5° C
- Only in models CR: audible and visible independent alarms for temperature, probe and power failures; NiCd battery back-up, with battery charger (supported over 18 hours)
- 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, in model CRR with improved ventilation, for special applications
- Internal illumination with a separate switch, only glass door models
- Models with double thermal glass door and big sized handle marked with "C" (in the data chart), acc. selected model\*\*
- Models with solid door optional (in the data chart)
- 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, probe controlled in stainless steel models
- Cooling gas R134a, CFC and HCFC free, biodegradable
- Hermetic compressor, built over dampers, low noise <48dB
- Internal body according the model (see the data chart)
- Round corners for easy cleaning
- External body according the model (see the data chart)
- Internal shelves of plastic coated steel wire, adjustable in height
- Magnetic perimeter gasket on the door, to ensure a perfect airtight closing
- Isolation of 60 mm of high density injected polyurethane, CFC and HCFC free
- Feet size adjusts equipment height
- Tropical treatment, to allow work until +42° C working area temperature, with 85-90% R.H.

# +4°



CR 612 C  
with chart recorder

#### Remarks:

All models with solid door without internal illumination. Optional illumination as accessorie.

Models Solid door	Models Glass door	Models Solid door	Models Glass door	Cap. Litres	Internal/External	N° of shelves	Power in W	Comp. HP	Internal Dimen. mm wide x depth x high	External Dimen. mm wide x depth x high	Weight/Pack net/gross	Vol/Pack m³
CR 322	CR 322 C	CBF 322	CBF 322 C	322	Stainless steel	3	400	1/4	482 x 450 x 1392	600 x 637 x 1981	100/110	0,9
CR 452	CR 452 C	CBF 452	CBF 452 C	452	Stainless steel	3	910	1/2	582 x 550 x 1392	700 x 707 x 1981	115/130	1,2
CR 612	CR 612 C	CBF 612	CBF 612 C	612	Stainless steel	4	950	3/8	582 x 687 x 1487	700 x 819 x 2075	120/140	1,5
CR 982	CR 982 C	CBF 982	CBF 982 C	982	Stainless steel	3	950	3/8	1282 x 550 x 1392	1400 x 707 x 1981	170/200	2,3
CR 1322	CR 1322 C	CBF 1322	CBF 1322 C	1322	Stainless steel	4	1100	1 1/4	1282 x 687 x 1487	1400 x 819 x 2075	200/230	2,7

1 cu ft = 28,3 litres. 1 inch = 25,4 mm.

\*\* All models with glass door, increase weight 20 Kg.

### LABORATORY REFRIGERATORS

PROFESSIONAL MODELS CR FROM +2° C to +14 °C with alarms  
and CBF FROM +2° C to +14 °C



CR 1322 C (page 20)

CR 333 C / CR 273 C

CR/CBF 70 C, CR/CBF 132 C, CR/CBF 180, CR/CBF 180 UC, CR/CBF 273 C and CR/CBF 333 C:  
internal of ABS (polypropylene), external of steel epoxy coated

Models Solid door	Models Glass door**	Models Solid door	Models Glass door**	Capacity in Litres	Internal/ External	N° of shelves	Power in W	Comp. HP	Internal Dimen. mm wide x depth x high	External Dimen. mm wide x depth x high	Weight/ Pack net/gross	Vol/Pack m <sup>3</sup>
N.A.	CR 70 C	N.A.	CBF 70 C	68	ABS/epoxi	2	300	1/3	420 x 350 x 500	565 x 570 x 960	68/88	0,6
N.A.	CR 132 C	N.A.	CBF 132 C	132	ABS/epoxi	2	150	1/5	445 x 440 x 785	550 x 620 x 855	32/35	0,4
CR 180 UC	CR 180 C UC	CBF 180 UC	CBF 180 C UC	180	ABS/epoxi	3	170	1/5	513 x 441 x 540	600 x 600 x 885	65/85	0,6
CR 180	CR 180 C	CBF 180	CBF 180 C	180	ABS/epoxi	3	170	1/5	513 x 441 x 702	600 x 600 x 1050	75/95	0,6
N.A.	CR 273 C	N.A.	CBF 273 C	273	ABS/epoxi	4	370	1/3	510 x 440 x 1300	595 x 600 x 1650	85/91	0,6
N.A.	CR 333 C	N.A.	CBF 333 C	333	ABS/epoxi	5	370	1/3	510 x 440 x 1500	595 x 600 x 1850	94/110	0,7
CR 500	CR 500 C	CBF 500	CBF 500 C	491	ABS/epoxi	5	370	1/3	652 x 537 x 1338	752 x 710 x 1516	100/120	1,1

1 cu ft = 28,3 litres. 1 inch = 25,4 mm.

N.A.= Not Available

\*\* All models with glass door, increase weight 20 Kg.

# Upright Refrigerators

## LABORATORY STANDARD REFRIGERATORS +4° C

### LABORATORY STANDARD REFRIGERATORS FROM +2° C TO +14° C MODELS CBS NATURAL AIR CONVECTION

- Digital temperature controller with display, working temperature range from +2° C to +14° C
- Pt1000 probe with 0.1° C accuracy on the display

# +4°

CBS 500 C

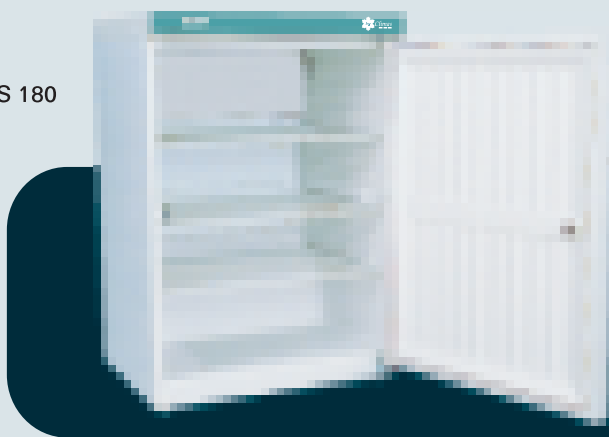
#### TECHNICAL SPECIFICATIONS for all CBS Models

- Models with natural air convection system
- Internal shelves of plastic coated steel wire, adjustables in height
- Models with solid door optional (in the data chart)
- Two side opening door, right or at left opening available (factory configuration indicate at the order)
- Security lock on the door with keys
- Evaporator with automatic defrost
- Cooling gases R134a, CFC and HCFC free, biodegradables
- Hermetic compressor, built over dampers, low noise <48dB
- Internal body according the model (ABS post formed polypropilene)
- Round corners for easy cleaning
- External cabinet of steel epoxy coated
- Feet size adjusts equitment height
- Magnetic perimeter gaskets on the door, to ensure a perfect air tight closing
- Isolation of 60 mm of high density injected polyurethane, CFC and HCFC free
- Tropical treatment, to allow work until +42° C working area temperature, with 85-90% R.H.

#### OPTIONAL ACCESSORIES

- Models with double thermal glass door and big sized handle marked with "C", accesories according to the selected model\*\*
- Internal illumination with a separate switch, only in models with glass door "C"

CBS 180



CBS 180/UC, CBS 180, CBS 180 UC, CBS 260, CBS 360 y CBS 500: internal of ABS (polypropylene), external of steel epoxy coated  
Remarks: models with solid door, without internal illumination

Models	Capacity in Litres	Internal/ External	N° of shelves	Power in W	Compressors HP	Internal Dimen. in mm wide x depth x high	External Dimen. in mm wide x depth x high	Weight/ Pack net/gross	Vol/Pack m <sup>3</sup>
CBS 180/UC	180	ABS/Epoxy	3	130	0.2	513 x 441 x 540	600 x 600 x 850	65/85	0.5
CBS 180	180	ABS/Epoxy	3	130	0.2	513 x 441 x 702	600 x 600 x 1050	65/85	0.6
CBS 260	260	ABS/Epoxy	4	150	0.2	513 x 441 x 1047	600 x 600 x 1216	75/95	0.75
CBS 360	360	ABS/Epoxy	5	170	0.4	513 x 441 x 1418	600 x 600 x 1590	85/105	0.85
CBS 500	500	ABS/Epoxy	5	170	0.5	652 x 537 x 1338	752 x 710 x 1516	100/120	1.1

1 cu ft= 28,3 litros. 1 pulgada= 25,4 mm.

\*\* All models with glass door, increase weight 20 Kg.