

### LABORATORY PROFESSIONAL VERTICAL FREEZERS MODELS CVF UNTIL -30° C

- Digital temperature controller with display
- Temperature range from -14° C to -30° C
- Pt1000 probe with accuracy of 0.1° C 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

#### TECHNICAL SPECIFICATIONS

- Solid door with opening aids and big sized handle
- Two side opening door, right or at left opening available (please indicate at the order, factory adjustment)
- Security lock on the door with keys
- Lockable code protection of the control system with numerical password
- Retro illuminated main switch
- Isolation of 80 mm of high density injected polyurethane, CFC and HCFC free
- Cooling gas, CFC and HCFC free, biodegradable
- Hermetic compressor, built over dampers, low noise <48 dB
- Internal chamber of ABS (post formed polypropylene) with aluminium shelves, incorporate the evaporator in each shelf
- Internal service drawers of polypropylene
- External body of carbon steel, epoxy coated
- Feet size adjusts equipment height
- Double heated perimeter gasket on the door, to ensure ice free and a perfect airtight closing
- Tropical treatment, to allow work until +40° C working area temperature, with 85-90% R.H.

#### OPTIONAL ACCESSORIES

- Temperature circular chart recorder 7 days, main powered with independent battery back-up
- Secondary alarm system, independent from the controller
- Remote control interface connection RS 485/232
- Potential free output for remote alarm control
- Spark-free interior, to reduce the risk of internal explosions
- CO<sub>2</sub> back-up, security system
- Storage racking systems (see page 5)
- Data loggers
- Port holes



**-30°**

CVF 304/30

Models	Capacity in Litres	Internal/External	N° of shelves	Power in W	Compressors HP	Internal Dimensions in mm wide x depth x high	External Dimensions in mm wide x depth x high	Weight/Pack net/gross	Vol/Pack m <sup>3</sup>
CVF 60/30	60	ABS/Epoxy	3	100	1/5	316 x 420 x 444	555 x 624 x 830	40/60	0,4
CVF 114/30	114	ABS/Epoxy	3	100	1/5	370 x 420 x 675	500 x 600 x 1030	50/70	0,5
CVF 214/30	214	ABS/Epoxy	6	150	1/4	440 x 420 x 1310	600 x 640 x 1740	80/110	1,2
CVF 264/30	264	ABS/Epoxy	7	150	1/4	440 x 420 x 1460	600 x 640 x 1890	90/120	1,3
CVF 304/30	304	ABS/Epoxy	8	200	1/3	440 x 420 x 1610	600 x 640 x 2040	100/130	1,45
CVF 510/30	510	ABS/Epoxy	14	220	1/2	607 x 560 x 1510	750 x 760 x 1905	120/150	1,5

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