

LABORATORY PROFESSIONAL CHEST LOW TEMPERATURE FREEZERS MODELS CHF UNTIL -45° C

- Digital temperature controller with display
- Temperature range from -35° C to -45° C
- Pt1000 probe with 0.1° C accuracy of 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 FOR MODELS CHF and CHF 400/40/AF

- Lid with opening aids, compensators and big sized handle
- Security lock with keys
- Lockable code protection of the control system with numerical password
- Retro illuminated main switch
- Isolation of 100 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 printed aluminium
- Surrounding evaporator
- Internal baskets, of plastic coated steel wire
- External body of carbon steel, epoxy coated
- Double perimeter gasket on the lid, with heated frame 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 FOR MODELS CHF and CHF 400/40/AF

- Temperature circular chart recorder 7 days, main powered with independent battery back-up (increase equipment external wide 250 mm)
- 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
- CO₂ back-up, security system
- Storage racking systems (see page 6)
- Data loggers
- Port holes

LABORATORY PROFESSIONAL HIGH STABILITY FORCED AIRFLOW CHEST FREEZER MODEL CHF 400/40/AF UNTIL -40° C, CAPACITY 380 LITRES

- Special design for applications of high temperature precision requirements (e.g. for test of products and quality control)
- Chamber ventilated, big volume with forced air-flow system
- Digital temperature controller
- Working temperature range from 0° C to -40° C
- Accuracy of +/- 0,1° C on the display
- Homogeneity of +/- 1,0° C
- Stability of +/- 0,5° C
- Pt100 probe of 0.1° C accuracy of on the display
- Audible and visible alarms for maximum and minimum temperature, also alarms for probe and power failure; all with battery back-up

CHF 440/45

**-40°
/-45°**



Models	Capacity in Litres	Internal/External	N° of lids	N° of baskets	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 m³
CHF 250/45	250	Al/Epoxy	1	3	370	0.40	930 x 451 x 646	1132 x 760 x 917	80/100	1.2
CHF 440/45	440	Al/Epoxy	1	4	370	0.60	1445 x 500 x 646	1650 x 809 x 917	95/115	1.7

Models	Capacity in Litres	Internal/External	N° of lids	N° of baskets	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 m³
CHF 400/40/AF	380	Al/Epoxy	1	4	400	0.60	1200 x 500 x 646	1647 x 809 x 917	115/130	1.7

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