

# Laboratory Refrigerator +4°C and Freezer -25°C/-30°C/-40°C

UPRIGHT MODELS



## LABORATORY COMBO REFRIGERATORS AND FREEZER

MODELS EVF/ER and  
EVF/EBF FROM +2° C  
optional to -25° C/-30° C/-40° C



EVF/ER 1501/30  
with optional recorders

## LABORATORY COMBO REFRIGERATORS FREEZER

MODELS EVF/ER and EVF/EBF

FROM +2° C optional to -25° C/-30° C/-40° C



### TECHNICAL SPECIFICATIONS

- Double chamber with section temperature control in each chamber.
- Double independent digital temperature controllers with displays, temperature range from +2° C to +14° C in refrigeration -18° C to -25° C/-18° C to -30° C/-30° C to -40° C, in freezer.
- Ventilated air circulation cooling system, distributed uniformly upward, with high homogeneity of the temperature inside the chamber.
- Probe of 0.1° C accuracy on the display.
- In models EVF/ER: Audible and visible independent alarms for temperature, probe and power failures; NiCd battery back-up, all with battery charger (support over 48 hours).
- In models EVF/EBF: audible and visible alarms for temperature, probe and power failures.
- In EVF/ER: Indication for door open, with audible and visible alarms.
- In EVF/ER: Upper and lower temperature memory records.
- Homogeneity in the chamber of +/- 1,5° C.
- Double independent probe Pt1000 inside each chamber.
- Lockable code protection of the control by numerical password
- Solid doors, with big sized handle, as standard.
- Optional: double or heateth triple glass door.
- Two side opening door, right or at left opening available in 701 models (indicate at the order factory settings configuration).
- Security lock with keys on the door.
- Locked main power switch (on/off).
- Evaporator with automatic defrost, probe controled.
- Dual refrigeration circuit. Two independent refrigeration circuits for refrigerator and freezers.
- Cooling gas R134a and R404a or R600 (R 410a in -40° C), CFC and HCFC free, biodegradable.
- Hermetic compressor, built over dampers, low noise < 48dB.
- Stainless steel AISI 304 internal and external.
- Round corners for easy cleaning.
- Feet size adjusts equitment height.
- Internal shelves of plastic coated steel wire, adjustables in height.
- Magnetic perimeter gasket, to ensure a perfect airtight closing.
- Insulation of 60 mm, high density inj. cyclopentane, CFC/HCFC free.
- Tropical treatment to allow work until +38° C working area temperature.



EVF/ER 701/30  
with optional glass door  
in refrigeration chamber

### OPTIONAL ACCESSORIES

- Temperature circular chart recorder for 7 days, with independent battery back-up; works even by power failures.
- Double or triple layer heated thermal glass door.
- Internal light for solid door models with separate switch.
- Indication for door open, with audible and visible alarms.
- Remote control interface with connection RS 485/232.
- Potential free output for remote alarm control.
- USB storage data control system.
- Stainless steel wire shelves.
- 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.
- Alarm sound stop switch, key protected.
- Port holes.
- Drawers and storage systems.
- Data loggers.
- Base with 4 castors, for easy movement.
- GSM phone alarm module.

Models	-25° C	-30° C	-40° C	Capacity in Litres	Internal/ External	N° of shelves	Power consume in W*	Composers HP	Internal Dim. in mm wide x depth x high (of each chamber)	External Dim. in mm wide x depth x high	Weight/ Pack net/gross	Vol./Pack m³
EVF/ER 701/...	/25	/30	/40	290+290	Inox*	2+2	800	3/8 + 3/4	590 x 700 x 1390	710 x 850 x 2130	120/150	1.1
EVF/ER 1001/...	/25	/30	/40	450+450	Inox*	3+3	950	3/8 + 3/4	582 x 550 x 1394	1400 x 707 x 1981	180/210	2.2
EVF/ER 1501/...	/25	/30	/40	650+650	Inox*	4+4	1100	1 1/4 + 3/8	582 x 687 x 1487	1400 x 819 x 2075	210/232	2.6
EVF/EBF 701/...	/25	/30	/40	290+290	Inox*	2+2	800	3/8 + 3/4	590 x 700 x 1390	710 x 850 x 2130	120/150	1.1
EVF/EBF 1001/...	/25	/30	/40	450+450	Inox*	3+3	950	3/8 + 3/4	582 x 550 x 1394	1400 x 707 x 1981	180/210	2.2
EVF/EBF 1501/...	/25	/30	/40	650+650	Inox*	4+4	1100	1 1/4 + 3/8	582 x 687 x 1487	1400 x 819 x 2075	210/232	2.6

Equitex reserves the right to alter specifications without notice as a result of product development.

\* Stainless Steel 1 cu ft= 28,3 litres. 1 inch= 25,4 mm.