

Refrigerator and Freezer

Professional laboratory refrigerators and freezers, with digital display and electronic control, temperature alarms, door sensor and manual/automatic defrost (automatic only on FR series). Smart refrigerated instruments, the internal parameters can be adjusted according to customers demands.

The highly efficient compressors contain “environment friendly” ecological gases, free of CFCs and HCFCs, in compliance with the directive 2014/68 / EU.

The internal dynamic ventilation system guarantees the best conditions for the storage of even the most sensitive materials, in compliance with the EN 60068-3 standard.

Three levels of alarms: acoustic, visual and remote with 0 potential contact. The small-sized models (110 liters internal useful volume) are suitable for environments with limited spaces and can be placed under the counter. 3 years warranty.

All models are equipped with internal Full-LED light and reversible door, blind or glass (only in the FR-G versions) and with key lock. Models with a volume of 260 L are equipped with wheels.

Technical Data Refrigerator:

	TIN-FR110/TIN-FR110G	TIN-FR260/TIN-FR260G
Volume (Liter)	110	260
Temperature Range /Resolution	+2,0 ... +8,0 °C / 0,1 °C	+2,0 ... +8,0 °C / 0,1 °C
Defrost function	Auto and Manual	Auto and Manual
Temperature variation in Space	1,3°C/1,7°C at 5°C	1,9°C/2,2°C at 5°C
Gradient	1,3°C/1,7°C at 5°C	1,5°C/2,6°C at 5°C
Recovery time (min)	12/9 at 5°C	18 at 5°C
Refrigeration	Dynamic (force ventilation)	Dynamic (force ventilation)
Int. Dimension (WxHxD) in mm	500 x 570 x 420	500 x 1290 x 450
No. of shelves (standard/max)	3/3	6/7
Min. space between shelves	13 mm	13mm
Max. shelf load (kg)	15kg	15kg
Ext. Dimension (WxHxD) in mm	600 x 805 x 560	600 x 1525 x 560
Weight (kg)	50	75
Voltage/Power	230V/120W	230V/160W
Warranty	3 years	3 years

Technical Data Freezer:

	TIN-FZ110	TIN-FZ260
Volume (Liter)	110	260
Temperature Range /Resolution	-25,0 ... -10,0 °C / 0,1 °C	-25,0 ... -10,0 °C / 0,1 °C
Defrost function	Manual	Manual
Temperature variation in Space	2,5°C at -20°C	2,1°C at -20°C
Gradient	1,5°C at -20°C	1,4°C at -20°C
Recovery time (min)	22 at -20°C	30 at -20°C
Refrigeration	Dynamic (force ventilation)	Static (natural convection)
Int. Dimension (WxHxD) in mm	500 x 570 x 420	500 x 1290 x 450
No. of shelves (standard/max)	3/3	6/7
Min. space between shelves	13 mm	13mm
Max. shelf load (kg)	15kg	15kg
Ext. Dimension (WxHxD) in mm	600 x 805 x 560	600 x 1525 x 560
Weight (kg)	50	75
Voltage/Power	230V/150W	230V/190W
Warranty	3 years	3 years

