

Laboratory Freezer FROSTER-320

Re-circulating air-cooling • automatic rapid defrosting • melt water evaporation • digital temperature display • minimum/maximum temperature memory • potential free contact • micro processor controlled temperature and defrost mode • super freeze • optical and acoustic warning device



4 Shelves

Capacity	300 Litres
Temperature setting	approx. -5° to -30°C
Voltage	220 – 240 V, 50 Hz
Power draft	540 Watt
Average consumption	4,58 kWh/24 h
Overall dimensions (incl. door handle)	w x d x h = 74 x 77 x 149 cm
Interior dimensions	w x d x h = 59,5 x 53 x 95 cm (usable depth less 12 cm)
Overall dimensions with door open at 90°	w x d = 74 x 141 cm
Shelf dimensions	57 x 42 cm
Max. loading capacity per shelf	40 kg
Weight	net 112 kg, gross 127 kg

Outer panels of galvanised sheet steel (protection against sub-surface rusting), white, powder coated.

Adjustable feet in case of uneven floor.

Interior of smooth aluminium with clear protective coating.

Insulation, 70 mm thick, of high-grade, pressure-foamed and pro-environmental material. Extra thick for energy saving effect.

Self-closing lockable door with plastic magnetic sealing, easy to change. Door does not project at side when opened.

Door hinge changeable (also subsequently), standard version with hinges on right (as illustrated) also deliverable with hinges on left at no extra charge.

Re-circulating air cooling by means of a cross flow blower which keeps the temperature constant and reduces the natural temperature stratification. The cross flow blower cuts out automatically when the door is opened, for a minimum loss of cold air.

Rapid defrosting by automatic reverse of the refrigerant circuit with thermal control and time limit function. **During de defrosting period the necessary low temperature is kept.**

Melt water evaporation in heated tray made of stainless steel.

Key switch protected control panel with digital temperature display, minimum/maximum temperature memory, optical and acoustic warning signal in case of temperature deviation with potential free contact for remote monitoring. Standard equipped with interface RS485.

Temperature gear by electronic thermostat. The temperature is kept automatically, independent of changes in ambient temperatures.

Compressor, dynamic ventilated, hermetically enclosed, energy saving, low noise, service friendly, for 220-240 V AC, 50 Hz. Other voltages on request. Length of mains cable approx. 1,8 m.

Equipment features at extra charge:

- Power failure alarm (optical and acoustic up to 72 hours)
- Additional shelves or baskets
- Castors
- GSM-Module

Appliances for temp. documentation:

- PC-Kit (USB-Version)
PC-Kit-Net (Network capable version), incl. documentation software
- Disc-type pen recording thermometer with 7-days measuring cycle incorporated in control panel with 100 recording discs and 5 felt tip pens
- Pen-recording thermometer for placing loosely inside appliance with waxed paper strips
- PT 100 or PT 1000 sensor for temperature recording and monitoring via EDP system