Laboratory Refrigerator Spezial-468

Re-circulating air-cooling • automatic defrosting • melt water evaporation • digital temperature display • minimum/maximum temperature memory • potential free contact • micro processor controlled temperature and defrost mode with safety control device to prevent freezing • optical and acoustic warning device • humidity selection

4 Shelves

Capacity	460 Litres
Temperature setting	approx. 0° C to + 20° C
Voltage	220 – 240 V AC, 50/60 Hz
Power draft	180 Watt
Average consumption	1,4 kWh/24 h
Overall dimensions incl. handle and distance from wall	w x d x h = 74 cm x 74 cm x 171,5 cm
Interior dimensions	w x d x h = 60 cm x 57 cm x 128 cm (usable depth less 6 cm)
Overall dimensions with door open at 90°	w x d = 74 cm x 142 cm
Shelf dimensions	w x d = 59,7 cm x 50 cm
Max. loading capacity per drawer/ shelf	24 kg/ 40 kg
Weight	net 88 kg, gross 100 kg

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

Adjustable feet in front in case of uneven floor.

Interior of smooth aluminium with clear protective coating. Light metal strip with 15 mm raster.

Insulating 55 mm thick, of high-grade pressure-foamed and pro-environmental material.

Lockable door with plastic magnetic sealing, easy to exchange. Door does not project at side when opened.

Door hinge changeable (also subsequently), standard version with hinges on right (as illustrated). Deliverable also with door hinge 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.

Defrosting automatically, with thermal and time limit functions.

Melt water evaporation in the compressor area.

Temperature gear by electronic thermostat. The setting is maintained automatically irrespective of changes in ambient temperatures.

Safety control device prevents freezing.

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. Switch for air-humidity selection, defrost control light and red warning light. Standard equipped with interface RS485.

Compressor dynamic ventilated, hermetically enclosed, energy saving, low noise, easy to service, for 220-240 V AC, 50/60Hz mains. Other voltages on request. Length of mains cable supplied: approx. 1,8 m.

Equipment features at extra charge:

- Power failure alarm (optical and acoustic up to 72 hours)
- Glass door
- Lock for glass door
- Aluminium trays with support rails (60 x 40 x 2,5cm)
- Additional shelves with brackets or rails
- Baskets with rails (60 x 45 x 10 cm)
- Drawers instead of shelves
- Water tray for manual emptying
- Castors
- GSM-Module

Appliances for temp. documentation:

- PC-Kit (USB-Version)
  PC-Kit-Net (Network capable version), incl. documentation software
- 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

Subject to modification