



Lab line

Laboratory refrigerators
and freezers



LAB LINE

Porkka laboratory refrigerators have been designed to give the professional user safe, reliable and accurate temperature controlled storage. Developed over years, in cooperation with authorities and laboratories, special attention has been paid to the demands placed on equipment in these conditions. Safety, hygiene and operational reliability.

Special features

All Lab Line refrigerators have the advantage of being produced to spark-proof standards. There is no electrical equipment inside the storage area that can give off a spark. There is a fan inside the cabinet to ensure stability of temperature and this is connected with a shaft to a fan motor on the outside of the cabinet to meet European standard EN 50014.



Laboratory refrigerator LAB 70

Compact spark-proof refrigerator

This cabinet is ideally suited where space is limited, it can be stood on the floor, it can also be mounted on a wall or built into other furniture. All Lab Line cabinets are equipped with lockable doors.

- Exterior dimensions:
595 x 520 x 850/with legs 1030 mm (W x D x H)
- Interior dimensions: 500 x 320 x 500 mm
- 2 adjustable stainless steel shelves,
shelf size: 480 x 290 mm
- A door with lock and magnetic seal
- Capacity 70 litres
- Operating temperature +2...+15 °C
- Electric plug connection,
voltage 230 V/50 Hz
- Connection power 170 W

The cabinet is fitted with a multi-function electronic control unit, simple to read with a clear digital display, it is complete with acoustic and optical alarm and can be connected to an external alarm monitoring system if required.

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Electronic control system

Porkka's new improved electronic control unit ensures stable temperatures with an accuracy of $\pm 1^{\circ}\text{C}$. This is based on a 125 g test sample, measured in accordance with European standard EN 28187.

The visual easy to read temperature display, is simple to monitor and adjust if required by the push button controls. The control also offers the facility of a high/low temperature alarm being both acoustic and optical, there is also an alarm delay setting that can be easily adjusted. The alarm is indicated by "alm" flashing on the display together with an audible buzzer. The unit is also fitted with a facility for connection to an external alarm monitoring unit, and it can also be as an option connected to a PC-net.



Laboratory refrigerator LAB 180

Versatile spark-proof refrigerator

A mid-range capacity laboratory cabinet that can be either stood on the floor or wall-mounted, it is also designed to be built into other furniture if necessary.

- Exterior dimensions: 595 x 520 x 1300/
with legs 1550 mm (W x D x H)
- Interior dimensions: 500 x 320 x 940 mm
- 3 adjustable stainless steel shelves,
shelf size: 480 x 290 mm
- A door with lock and magnetic seal
- Capacity 180 litres
- Operating temperature $+2\dots+15^{\circ}\text{C}$
- Electric plug connection, voltage 230 V/50 Hz
- Connection power 180 W

The cabinet is fitted with a multi-function electronic control unit, simple to read with a clear digital display, it is complete with acoustic and optical alarm and can be connected to an external alarm monitoring system if required.

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Kind to the environment

Manufactured using CFC/HCFC-free polyurethane insulation, the exterior of the cabinets is finished in durable white polyester coated sheet steel. The interior surface is stainless steel as are the shelves, which can be adjusted at 17 mm intervals to suit the operation. Porkka uses grade 304 stainless steel to give lasting performance.

In keeping with our policy the refrigerants used in the system are also the most environmentally friendly available being R 134a on refrigerators, and R 404A on freezer models.

Automatic defrosting

The cabinets defrost automatically. If necessary and under certain operating conditions, additional defrosts can be initiated manually. To meet strict demands on spark-proof cabinets, condensate water is collected in a bacteria-proof container for disposal in all Lab Line models.



Laboratory refrigerator LAB0300

Spark-proof refrigerator

A large capacity cabinet equipped with two doors to meet the special demands of laboratory use.

- Exterior dimensions: 595 x 520 x 2000 mm
- Interior dimensions: 500 x 320 x 780 mm (each section)
- 7 adjustable stainless steel shelves shelf size: 480 x 290 mm
- Capacity 300 litres
- Operating temperature +2...+15 °C
- Electric plug connection, voltage 230 V/50 Hz
- Connection power 180 W
- A door with lock and magnetic seal

The cabinet is fitted with a multi-function electronic control unit, simple to read with a clear digital display, it is complete with acoustic and optical alarm and can be connected to an external alarm monitoring system if required.

Research & test refrigerators

Porkka also manufactures a range of refrigerators and freezers to suit different kinds of research and testing purposes. These cabinets which are not spark-proof, have adjustable temperature ranges of +2 °C to +40 °C for refrigerators, and -10 °C to -30 °C in freezer models, in ambient temperatures up to +25 °C. Accuracy is ± 1 °C measured on a 125 g test package in accordance with European standard EN 28187.

The temperature required is easy to select, by using the simple electronic controller. The exterior of the cabinet is of white steel,

with the option of stainless steel, the interior is of high quality stainless steel grade 304.

All corners and the base of the cabinet are coved, shelving and shelving pilasters can be easily removed by hand for effective all round cleaning.



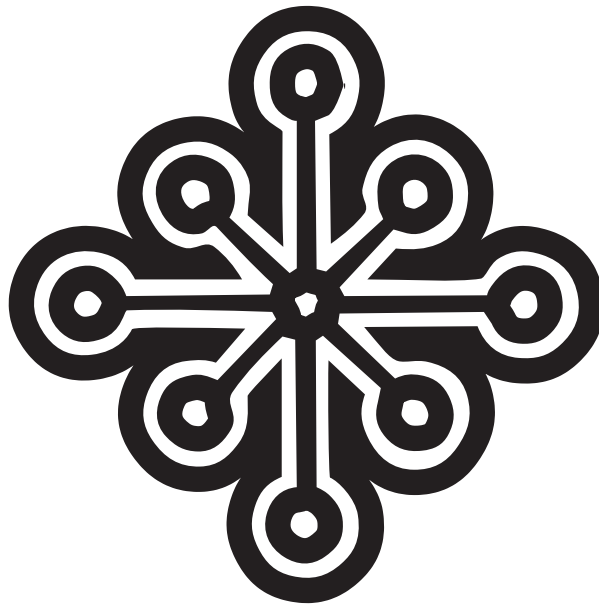
Refrigerated cabinet RC 510 Freezer RF 510

Refrigerated cabinet RC 710 Freezer RF 710

Exterior dimensions W x D x H	600 x 700 x 2050 mm	850 x 700 x 2050 mm
Interior dimensions W x D x H	480 x 590 x 1360 mm	730 x 590 x 1360 mm
Capacity/litres	385	585
Stainless steel panel shelving	4 x (450 x 530 mm)	4 x (650 x 530 mm)
Connection power/230 V	RC: 515 W/RF: 630 W	RC: 515 W/RF: 745 W

Each cabinet is equipped with 4 adjustable stainless steel shelves, which can be positioned at 50 mm intervals to suit. Doors are fitted with locks as standard, disposal of condensate water is automatic.

Porkka can also supply glass door models, and the larger 710 cabinet can be produced as a dual temperature model i.e. top section 250 litres as refrigerator and lower section as freezer. Two shelves per section are provided and the doors equipped with individual locks. Two refrigeration systems ensure stability of storage temperatures.



A world leader in manufacturing of refrigeration equipment and cold stores.

The Huurre Group is a truly international company, specialising in the design and manufacture of refrigeration products, from the smallest medical refrigerators, to complete cold store turnkey projects around the world. The Group markets its products under the names of HUURRE® and PORKKA®, both of which are well known in many markets sectors. Our success is based on our customer oriented approach, through design, installation and service, total commitment to quality as well as innovation should ensure you buy from us.

Based in Finland our Group's business is truly world wide, with 60 % of our turnover being export. Our main markets in addition to Finland and Scandinavia are European Community as well as Central and Eastern Europe and Asia, more areas are being developed and quality and success will ensure our continued growth around the world.

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