![Electrolux Professional logo]

## Cold Rooms
## 163x283 –18-20°C Built-in Unit

**102077 (CRF2816B20N)**     Cold/Freezer Room
1630x2830 th.100mm,
included Unit

### Short Form Specification

**Item No.**

Usable volume: 9.4 m3. Panel insulation in cyclopenthane (100mm thickness), with injected polyurethane foam, CFC and HCFC free. Wall and internal ceiling surfaces made of galvanized plastified steel with 120 micron nontoxic pvc coating. Internal floor in non-slip, plastic coated, galvanized steel sheet. Fast-fit centering system using new fasteners made of high resistant composite material. Rounded internal and external corners. Self-closing right-hinged door with magnetic door-gaskets; handle with lock and interior safety release. Internal lighting. Built-in refrigeration unit for operation in ambient temperatures up to +43°C. Refrigerant R290. Defrosting through heated gas with automatic re-evaporation of defrosting water. Control panel with: ON/OFF switch, internal lighting switch and digital control with HACCP and failure alarms.

**APPROVAL:**

## Main Features

- Anti-slip walk-in floor.
- High hygiene standards and easy to clean thanks to rounded internal / external corners and radiused edges.
- Fast-fit centering system allows perfect alignment of the panels. These new fasteners are made of high resistant composite materials and guarantee perfect grip/sealing of all components.
- Floor surface on which the cold room will be placed should be levelled if presenting irregularities or unevenness up to 1 cm.
- New vacuum injection foaming allows significant and enhanced insulation and higher quality.
- Airtight panels connection, all sides of panels have PVC gasket foamed in place to assure airtight and secure fitting; any other sealing between panels on site is eliminated.
- Semi recessed door saving space on the external side.
- Newly designed handle complete with lock and interior safety release to prevent entrapment when the door is accidentally locked from outside.
- Temperature controller with touch panel.
- Control panel includes: luminous ON/OFF switch, internal light switch, cold room functioning indicator, defrost cycle indicator, temperature and thermostat control with digital display.
- The unit is ready to be connected with OnE Connectivity for 24/7 real time monitoring, increasing equipment uptime, maximum profit and optimizing your process.
- Conform to ruling European safety and hygiene standards and CE marked.
- Very short assembly time. Expert refrigeration knowledge is not required for installation.
- Defrosting through heated gas with re-evaporation of defrosting water permits to reduce the total power installed, shorten defrosting time and limit the warming of the cold room. Dedicated drain hole is not needed.

## Construction

- Panels are cladded inside and outside with anti-scratch galvanized plastified steel with 120 micron nontoxic pvc coating, polyurethane foam insulation, CFC and HCFC free.
- Whenever the cold room door is opened the microswitch switches on automatically the internal light and turns off the cooling fan.

## User Interface & Data Management

- Connectivity ready for real time access to

connected appliances from remote and HACCP monitoring (requires optional accessory).
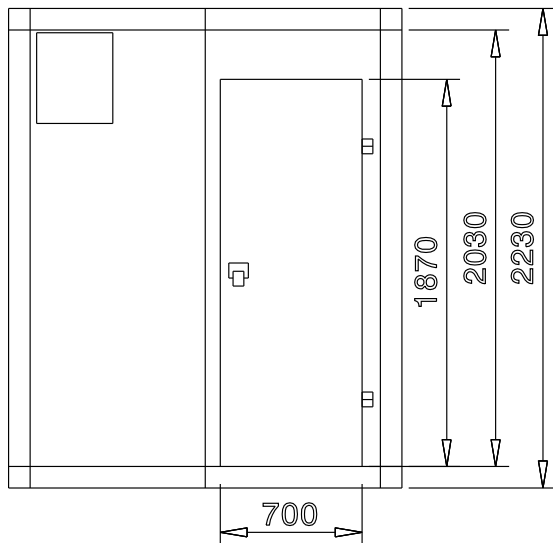
## Sustainability

- Hydrocarbon refrigerant gas R290 for the lowest environmental impact (GWP=3) - CFC and HCFC free.
- Right-hinged door is available as standard (left-hinged door on request) and constructed with smooth rounded profiles, cam-lift action hinges, airtight magnetic gasket and high insulation thus allowing to reduce energy and operating costs.
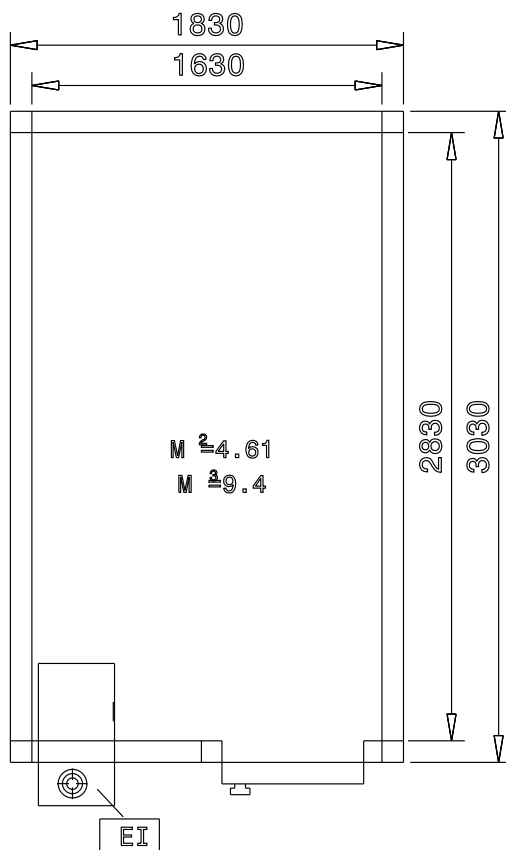
## Optional Accessories

- Shelving Set, composed of aluminium uprights and 4 polyethylene louvered shelves, for 1630x2830 mm Cold Rooms          PNC 137094  ❏

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The company reserves the right to make modifications to the products without prior notice. All information correct at time of printing.

2025.06.14

Front

Side

2030
2230
1870
700

1830
1630

2830
3030

M $^2$ 4.61
M $^3$ 9.4

EI

**EI  =  Electrical inlet (power)**

## Electric

| | |
|---|---|
| **Supply voltage:** | 220 V/1N ph/50 Hz |
| **Electrical power, max:** | 1.96 kW |
| **Total Watts:** | 1.96 kW |

## Key Information:

| | |
|---|---|
| **External dimensions, Width:** | 1830 mm |
| **External dimensions, Depth:** | 3030 mm |
| **External dimensions, Height:** | 2230 mm |
| **Internal Dimensions, Width:** | 1630 mm |
| **Internal Dimensions, Depth:** | 2830 mm |
| **Internal Dimensions, Height:** | 2030 mm |
| **Net weight:** | 527.85 kg |

## Connectivity

| | |
|---|---|
| **Connection type:** | Cable-RS485 |
| **Protocol type:** | Carel;Modbus |

## Sustainability

| | |
|---|---|
| **Current consumption:** | 4.56 Amps |
| **Refrigerant type:** | R290 |
| **Refrigerant weight:** | 140 g |