

ITEM #	
MODEL #	
PROJECT #	
QTY #	

**Model:** M1-720

**Code:** 11201T01-0-M-0

**Description:** Single door GN2/1 Refrigerator Cabinet Teknae, R290



This GN 2/1 upright refrigerator cabinet delivers superior performance and meets the strictest food safety requirements. Monocoque food-grade stainless steel construction with an operating temperature of +1 °C +5 °C. Supplied with natural R290 refrigerant and three GN 2/1 grid shelves.

### Key features

- Automatic defrost and evaporation of the defrost water by off-cycle;
- Electronic controller with digital display and flat touch keypad;
- Adjustable telescopic stainless steel legs (95/155 mm);
- Monocoque construction with 80 mm insulation thickness;
- E-shaped sliders to stack Gastronorm pans under the grid shelves;
- Stainless steel racking, easily removable without tools;
- Supplied with 3 x GN 2/1 grid shelves per section;
- Max. level racking of 18 GN 2/1 with 72 mm pitch;
- Food-grade stainless steel inside and out.

### General features

- R290 natural refrigerant gas (HCFC and CFC free);
- Built-in refrigeration;
- Monobloc cooling unit with frontal access;
- Monocoque construction with 80 mm insulation thickness;
- Forced draft cooling;
- Coated evaporator for corrosion resistant, guarantee a reliable performance over time;
- Forced draft condensation and evaporation;
- Automatic and manual defrost cycles;
- Adjustable operating temperature, set at +1 °C +5 °C ideal for meat, fish and other fresh foods;
- Electronic controller with digital display;
- Water-blown polyurethane insulation with zero ODP and zero GWP;
- Self-closing door with automatic hold-open at 100°;
- Pressed bottom and radius corners;
- E-shaped sliders to stack Gastronorm pans under grid shelves;
- Large gross volume capacity (550 L);

- Easy to clean magnetic sealing gaskets, replaceable without tools;
- Food-grade stainless steel inside and out;
- GN 2/1 rilsan coated wire shelves;
- Stainless steel racking, easily removable without tools;
- Racks and slides in AISI 441 stainless steel;
- Door with recessed handle;
- On-site reversible door and 400x600 interior conversion kit;
- Tested to perform in hot professional kitchens (climate class 5, ambient temperature 40°C and 40% RH).

## Construction features

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### Refrigeration:

- Refrigerant gas R290;
- HCFC and CFC free;
- Built-in refrigeration unit;
- Monobloc cooling unit;
- Cooling unit frontal access for service;
- Automatic off-cycle defrost;
- Forced draft cooling.

### Exterior:

- Front and lateral panels in AISI 304 stainless steel construction;
- External back and bottom panels in galvanized steel;
- Top mount monoblock cooling unit;
- Cushioned door with recessed handle and replaceable magnetic gasket;
- Self-closing door with automatic hold-open at 100°;
- Lockable door opening up to 180°;
- Eco-friendly, high density polyurethane insulation, 80 mm thick;
- Door with recessed handle and reinforced hinges;
- Height-adjustable stainless steel legs;

### Interior:

- AISI 441 stainless steel construction;
- Pressed bottom with drain and radius corners for a hygienic inner cell;
- Supplied with 3 x GN 2/1 rilsan grid shelves per section;
- Anti-tilt E-shaped sliders grant higher net capacity, 18 level racking per door (pitch 72 mm) to stack GN pans under the grid shelves;
- Easy to clean magnetic sealing gaskets, replaceable without tools;
- Easily removable runners, grids and air conveyors;

## Available options

17 level racking (400x600 mm, pitch 72 mm)	Plug type J (SEV 1011)
17 level racking (450x600 mm, pitch 72 mm)	Set of half-doors (2x 1/2)
24 level racking (400x600 mm, pitch 50 mm)	Stainless steel back
Glazed doors	Stainless steel grid shelves
Glycol-ready	Stainless steel legs (60/80 mm)
LED glazed doors	Swivel castors (Ø 80 mm, H 105 mm)
Left hand hung door	U - shaped feet
Locks	Without grid shelves
Marine Stainless steel legs (130/210 mm)	Without group with valve (R134a)
Microswitch	Without group with valve (R404A / R452A)
Pedal door opener	Without group with Valve (R410A)
Plug type G (BS1363)	Without group with valve (R448A / R449A)
Plug type I (AS/NZS 3112)	

## Included accessories

- Three rilsan grid shelves 650x530 mm (code 246502010);
- Three pairs of "E" sliders 15x656x31 mm (code 2607011572).

## Optional accessories

- GN 1/1-65 pan (code 242401005);
- GN 1/1-100 pan (code 242401010);
- GN 1/1-150 pan (code 242401001);
- GN 2/1-100 pan (code 242401012);
- GN 2/1-150 pan (code 242401013);
- Rilsan grid shelf 650x530 mm (code 246502010);
- Stainless steel grid shelf 650x530 mm (code 246503007);
- Pair of "E" sliders 15x656x31 mm (code 2607011572);
- Swivel castors Ø 80 mm, H 105 mm, 4 un. (code 210001067).

## Specifications & technical drawings

Key data		M1 - 720	
External width	720 mm	Internal width	560 mm
External depth / with open doors	850 / 1517 mm	Internal depth	680 mm
External height	2040 mm	Internal height	1430 mm
Door hinges	Right hinges	Height adjustment	- 15 / +45 mm

Shipping data			
Packed weight	131 kg	Gross volume	550 L
Shipping volume	1,57 m <sup>3</sup>		

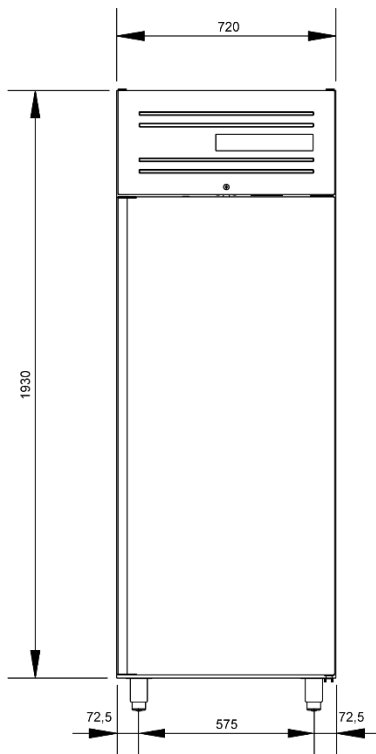
Technical data			
Power supply	220-240 V / 50 Hz	Plug type	F (schuko)
Input power	190 W / 0,88 A	Defrost type	Auto off-cycle
Cooling power (T <sub>e</sub> -10 °C T <sub>c</sub> +45 °C)	431 W		

Refrigerant data			
Refrigerant fluid /GWP	R290/3	Operating temperature	+1 °C +5 °C
Refrigerant charge	0,085 kg	Operating mode	Ventilated

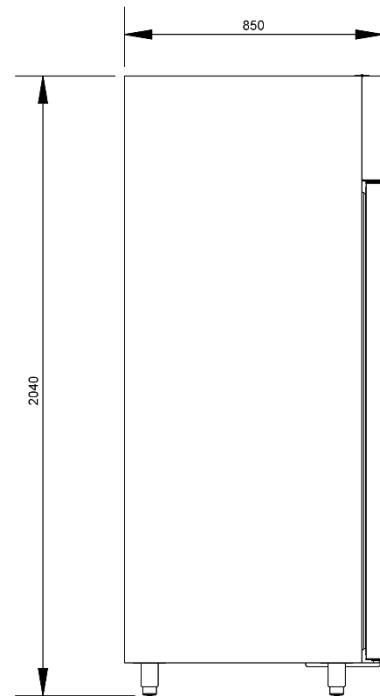
Efficiency data (EN 16825:2018)	
Energy efficiency class	B
Daily Energy Consumption (E24h)	1,28 kWh
Annual Energy Consumption (AEC)	467 kWh
Net volume	462 L
Climate class	5

## Technical drawings

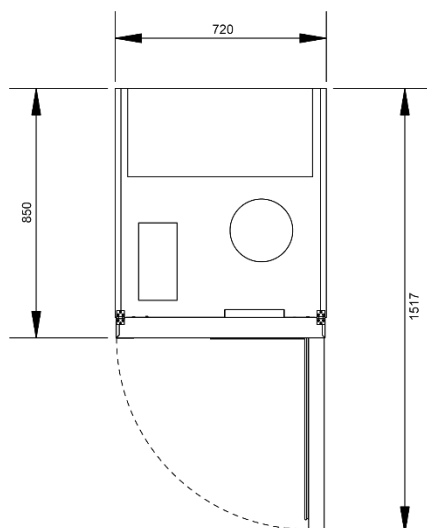
**FRONT**




**SIDE**



**TOP**





**ENERG** Y IJA  
енергия · ενεργεια IE IA

**MERCATUS** 11201T01-O-M-0


A+++  
A++  
A+  
A  
B  
C  
D  
E  
F  
G


**B**

ENERGIA · ЕНЕРГИЯ  
ΕΝΕΡΓΕΙΑ · ENERGIJA  
ENERGY · ENERGIE · ENERGI

**467**  
kWh/annum

1L  
**462** L

  
- L

  
**5**  
40°C - 40%

2015/1094-l

**MERCATUS** 11201T01-O-M-0

**PRODUCT FICHE**

**General info**

Model	M1-720
Description	Single door GN2/1 Refrigerator
Intended use	Storage
Operating temperature	Chilled
Category	Cabinet
Model type	
Climate class	5
Type of duty	Heavy-duty
This appliance is intended for use in ambient temperatures up to 40°C	

**Efficiency info**

Energy efficiency class	B
Energy consumption in 24 h	1,28 kWh
Annual energy consumption (AEC)	467 kWh
Energy efficiency index (EEI)	34,15
Net volume (Vn)	462 L
Chilled net volume	462 L
Frozen net volume	0 L

**Refrigerant info**

Refrigerant fluid	R290
Refrigerant GWP	3
Refrigerant charge	0,085 kg

**Company info**

Contact details	R.E.M.A. Ap. 404, Z.I. Norte 3754-909 Águeda Portugal
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