

# FRESH

10099-2023-ITC-MKT

**Model:** 012

**Code:** 10712F01-0-M-0

**Description:** Mini Chiller Cold Room (-2 °C +8 °C)

ITEM:
MODEL:
PROJECT:
QTY:



## Main Features

- Quick assembly, no cutting & drilling
- White thermo-lacquered steel
- Cooling unit shipped pre-assembled
- Modern & intuitive controller
- Heated pressure relief valve
- Reversible door
- Heavy-duty usage
- Door with lock
- 1500 L capacity
- 5-level racking
- 80 mm thermal insulation
- Adjustable operating temperature, set at -2 °C +8 °C

## Alarms & Warnings

- Door open (after 30 minutes)
- High temperature (10 °C above setpoint)
- Compressor, evaporator, probes and other service requirements

## Compliance

- EN 60335-1
- EN 60335-2-89
- EN 61000-3-2:2014
- EN 61000-3-3:2013
- EN 55014-1:2017 + A11:2020
- EN 55014-2:1997 + A1:2001 + A2:2008 + AC:1997

## Included Accessories

- 3 stainless steel grid shelves
- Multi-level shelves support

**Mercatus Fresh** mini cold rooms provide large storage capacity using a small footprint. Supplied in a flat-packing to allow assembly in basements or tight access spaces. Set-up time is very quick due to easy tight lock system with camlock and because cooling unit is supplied pre-mounted on ceiling panel.

## Operation

- R290 natural refrigerant gas (HCFC and CFC free)
- Built-in refrigeration unit
- Cooling unit supplied pre-mounted in the ceiling panel
- Automatic & manual defrost by hot gas
- Forced draft condensation and evaporation
- Supplied with heated pressure relief valve
- Motor fans with ECM technology
- Supplied with TEX - Thermostatic expansion Valve
- Able to perform at climate class 5 (40°C and 40% RH)

## Controller

- LED white digital display, multilingual
- Permanent monitoring of temperature
- Visual & audible alarms in case of alarms and warnings
- Alarms record for HACCP
- Lock / unlock of keypad
- Real time clock for data records
- Compressor, evaporator, defrost & active alarms relay outputs
- Automatic and manual light on/off
- Adjustable operating temperature
- Factory setpoint +2 °C

## Exterior

- 1.2 m<sup>2</sup> of floor space
- Supplied in flat-packing
- Lockable door with emergency opening from the inside
- Double steel wall panels with coating
- White food certified polyester coating RAL 9010
- Supplied with protective film
- Maximum height of panels is 2110 mm
- Self-closing door with automatic hold-open at 100°
- Left-hand side door hinge, reversible on-site
- Special hinge with slope system
- Ergonomic handle with lock
- Floorless version for roll-in storage optional

### Interior

- Eco-friendly, high density polyurethane insulation
- 80 mm insulation thickness
- Ceiling height of 1844 mm
- Assembly with plug-in concept
- Double-effect camlocks with alignment chips for secure tightening
- Plastic camlock that allow easy reassembly if needed
- Floor with non-slip rigid PVC film
- Floor with preformed cut-out 135° corners easy to clean
- Emergency door opening from the inside
- Door with magnetic sealing gaskets, removable without tools
- LED Light automatically activated by door open
- Supplied with 5-level racking
- Stainless steel racking for heavy-duty usage
- Internal capacity of 1500 L

### Available options

AREA	LETER	DESCRIPTION
II	A	Plug type G (BS1363)
II	T	Plug type I (AS/NZS 3112)
II	U	Plug type J (SEV 1011)
III	A	Floorless

**Technical specifications**
**Key data**

<b>Model</b>	O12		
<b>Operating temperature</b>	-2...+8 °C	<b>Temperature range</b>	0...+10 °C
<b>Factory setpoint</b>	+2 °C	<b>Internal width</b>	940 mm
<b>External width</b>	1100 mm	<b>Internal depth</b>	920 mm
<b>External depth / with open door</b>	1225 / 1950 mm	<b>Internal height</b>	1730 mm
<b>External height</b>	2282 mm	<b>Height adjustment</b>	---
<b>Door hinges</b>	Right hinges		

**Shipping data**

<b>Packed weight</b>	285 kg	<b>Gross volume</b>	1496 L
<b>Shipping volume</b>	3,15 m <sup>3</sup>	<b>Net volume</b>	467 L

**Technical data**

<b>Power supply</b>	220-240 V / 50 Hz	<b>Plug type</b>	F (schuko)
<b>Input power</b>	769 W / 3,3 A	<b>Defrost type</b>	Hot gas
<b>Cooling power</b> (Te -10 °C Tc +45 °C)	1480 W		

**Refrigerant data**

<b>Refrigerant fluid /GWP</b>	R290	<b>Operating mode</b>	Auto, forced draft
<b>Refrigerant charge</b>	0,125 kg	<b>Climate class</b>	5

## Technical drawings

### Side

