

MHM · MCR SERIES

MHM Cold Room & Condensing Unit

PUF panel cold rooms with Bitzer/Copeland condensing units, +5 °C to –25 °C.

Origin: MHM / Bitzer, Copeland compressors · Category: Cold Rooms



TEMPERATURE

+5 to –25 °C

PANEL

**100 / 150 mm
PUF**

COMPRESSOR

**Bitzer /
Copeland**

REFRIGERANT

**R-404A / R-
449A**

SIZE

10–5,000 m³

WARRANTY

12 months

Overview

MHM builds walk-in and warehouse cold rooms from 100 mm PUF sandwich panels with cam-lock joints, sliding or hinged doors and Bitzer or Copeland condensing units. Chiller rooms at +2 to +5 °C for vegetables and pharma, freezer rooms to –25 °C for meat and seafood.

Blast freezers, ripening rooms and controlled-atmosphere stores are supplied for potato and fruit storage.

Design features

Engineered for Bangladesh conditions

Rated for 45 °C ambient, 95% humidity and 380–415 V / 50 Hz supply with wide voltage tolerance.

Genuine parts and AMC

Spares stocked in Dhaka; annual maintenance contracts with 24-hour response.

Installed by MHM technicians

Own site team for supply, installation, testing and commissioning.

Energy-efficient design

Premium-efficiency motors and drives reduce running cost from day one.

Remote monitoring ready

Modbus / BACnet interface for BMS integration.

Documented handover

Test reports, O&M manual and drawings supplied with every project.

Typical applications

- Fruit and vegetable storage
- Seafood processing
- Pharmaceutical warehouses
- Dairy and ice cream

Technical data — MCR Series

Model	Volume (m ³)	Room temp (°C)	Cooling (kW)	Compressor (HP)	Panel (mm)
MCR-C-020	20	+2	3.5	3	100
MCR-C-100	100	+2	9.5	7.5	100
MCR-F-050	50	-20	7.8	7.5	150
MCR-F-200	200	-20	24	20	150
MCR-BF-10	10	-35 blast	18	15	150

Ratings at standard conditions stated in the facts above. Intermediate capacities, alternative voltages and special options on request; MHM selects the model for your load, ambient and water conditions.



Selection, installation and after-sales by MHM Engineering

Send your capacity, ambient / water conditions and site drawings to sales@mhmmachineries.com or call +880 1321-206755. Every MHM unit is commissioned by our own engineers and covered by an annual maintenance contract with genuine spares stocked in Dhaka.