



Cold Room Small and Medium



Mellcon Cold Room
Suitable for Temp of +40C
Size = 10 ft * 10 ft * 8.6 ft

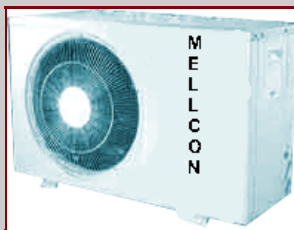
[See Photogallery](#)

The need - Food poisoning is generally caused by lack of hygiene, or preparation storage, transport and pathogens such as Salmonella, E. Coli and spore are present in variety of raw food from poultry to eggs and pork to vegetables. Food preparation at incorrect temperatures can cause infectious pathogens and mold toxins, main sources of even fatal poisoning. The modern society with its want for diversity, eating-out and ready-made need has created an intricate food chain that often spans continents! This has in turn made it indispensable to keep temperatures under close scrutiny. Because freezing keeps food safe indefinitely Storing food properly in your walkin cooler will prevent cross-contamination that can lead to Food borne illness

Mellcon Engineers are the manufacturers of complete range of Industrial Modular Cold Rooms and Refrigeration units for the small and medium cold rooms , walk in refrigerators Walk in Coolers comprising of Machine made prefabricated PUF insulated Panels of different thickness from 60mm to 150mm. thk PUF insulation and are covered with precoated GI sheet / SS sheet on both side or a combination of both. The Walk-In-Coolers are ready to assemble with the help of Cam locking arrangement provided inside the PUF panels and no need of any angle iron structure is required. **We pride ourselves on our unique ability to custom design any Walk In Cooler or Freezer application as well as insulated panel systems**

The advanced design Control panel is fully automatic and provided with all necessary controls for precise operation of the equipment. All models are fitted with remote electronic control panel which is adjustable to suit most requirements.

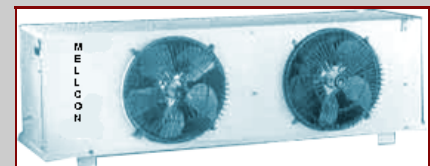
WALK IN COOLERS AND WALK IN FREEZERS FOR CONVENIENCE STORES, RESTAURANTS, FLORISTS AND INDUSTRY



Outdoor Unit



splitac-hideway



Indoor Fan Coil Unit



Condensing

TECHNICAL DATA OF UNITS FOR SMALL AND MEDIUM COLD ROOMS FOR AN INSIDE TEMP RANGE OF (-4 Deg.C to + 6 Deg.C) REFRIGERANT USED R-22 , R-134a , R-404a

MODEL	HCRU - 0.6	HCRU - 0.75	HCRU - 1	HCRU - 1.25	HCRU - 1.5	HCRU - 2	HCRU - 2.5	HCRU - 2.75
TONS OF REF.	0.6	0.75	1.0	1.25	1.5	2.0	2.5	2.75
COLD ROOM OF EXTERNAL SIZE IN METRES	2.5 x 2.5 x 2.4	3.5 x 2.5 x 2.4	3.5 x 3.5 x 3.0	4.0 x 4.0 x 3.0	5.0 x 4.0 x 3.0	6.0 x 4.5 x 3.0	6.0 x 5.5 x 3.0	7.0 x 6.5 x 3.0
AVERAGE POWER CONSUMPTION FOR R-22	0.75 KWH	1.05 KWH	1.20 KWH	1.45 KWH	1.85 KWH	2.35 KWH	2.80 KWH	3.25 KWH
AVERAGE POWER CONSUMPTION FOR R-134a	0.65 KWH	0.80 KWH	1.05 KWH	1.25 KWH	1.40 KWH	2.10 KWH	2.30 KWH	2.75 KWH

AVERAGE POWER CONSUMPTION FOR R-404a	0.75 KWH	1.05 KWH	1.30 KWH	1.55 KWH	1.95 KWH	2.50 KWH	2.90 KWH	3.35 KWH

NOTE :-

- 1) The above refrigeration units are rated at (+) 2 Deg. C Inside Room Temp.
- 2) We can also design the unit as per our customer's requirement.

**TECHNICAL DATA OF UNITS FOR SMALL AND MEDIUM COLD ROOMS FOR AN
INSIDE TEMP RANGE OF (-5 Deg.C to -20 Deg.C)REFRIGERANT USED R-404a**

MODEL	MCRU - 0.5	MCRU - 0.75	MCRU - 1	MCRU - 1.25	MCRU - 1.5	MCRU - 1.65	MCRU - 1.8	MCRU - 2
TONS OF REF.	0.5	0.75	1.0	1.25	1.5	1.65	1.8	2.0
COLD ROOM OF EXTERNAL SIZE METRES	2.5 x 2.5 x 2.4	3.5 x 2.5 x 2.4	3.5 x 3.5 x 3.0	4.0 x 4.0 x 3.0	5.0 x 4.0 x 3.0	6.0 x 4.5 x 3.0	6.0 x 5.5 x 3.0	7.0 x 6.5 x 3.0
AVERAGE POWER CONSUMPTION FOR R-404a	1.45 KWH	2.45 KWH	2.85 KWH	3.40 KWH	4.50 KWH	5.00 KWH	5.50 KWH	6.10 KWH

NOTE: 1) The above cold room units are rated at (-) 20 Deg. C Inside Room Temp

**TECHNICAL DATA OF UNITS FOR SMALL AND MEDIUM COLD ROOMS FOR AN INSIDE TEMP RANGE OF (-20 Deg.C to -35 Deg.C)
REFRIGERANT USED R-404a**

MODEL	LCRU - 0.5	LCRU - 0.75	LCRU - 1
TONS OF REF.	0.5	0.75	1.0
COLD ROOM OF EXTERNAL SIZE IN METRES	2.5 x 2.5 x 2.4	3.5 x 2.5 x 2.4	3.5 x 3.5 x 3.0
AVERAGE POWER CONSUMPTION FOR R-404a	2.15 KWH	3.05 KWH	3.65 KWH

NOTE: 1) The above walk in cooler units are rated at (-) 35 Deg. C Inside Room Temp

OUR PRODUCT RANGES

Air / Gas Dryers	Refrigerated Equipments	Other Products
Heatless Compressed Air Dryer	Air Cooled Water Chillers	Hot Air Blowing Equipment / Air Heaters
Refrigerated Air Dryer	Water Cooled Chillers	Solvent / Liquid Dryer
High Pressure Air/Gas Dryer	Screw Chillers / Chilling Plants	
Blower Heat Regenerated Air Dryer (BHR)	Walk in Coolers / Cold Rooms Units	
Internal Heater Dryer (IHR)	Refrigerant Recovery System	
Heat of Compression Air Dryer (HOC)		Onsite Gas Generators
Split Flow-No Purge Loss Air Dryer (SFNL)		PSA Nitrogen Gas Generator
Custom Made Air Dryer	Storage Systems	PSA Oxygen Gas Generator
Packaged Mobile Dry Air Plant	Liquid CO2 Storage Tanks	
	LPG Storage Systems	Spare Parts
	CO2 Recovery Plant NEW	Spare part for Air Dryer

Pressure Regulating Stations^{NEW}

Hydrogen Gas Dryer^{NEW}

Instrument Air Quality Standard^{NEW}

CO2 Vaporiser^{NEW}

Air Receiver Tank For Compressed Air

Auto Drain Trap

Dew Point Apparatus

Spare Parts for PSA Nitrogen Gas Generator

 [view the printable version for this page](#)

[Photo Gallery](#)

[Product Profile](#)

[Corporate Info](#)

[Exhibitions](#)

[Customers](#)

[Approvals](#)

[Careers](#)

[Wanted Dealers / Distributors / Resellers](#)

B - 297, Okhla Industrial Area, Phase - I , New Delhi - 110020 , India

Phone : +91-11-26816103, 26811727, 26816530

Fax : +91-11-26816573

Mellcon Engineers pvt Ltd.

All Rights Reserved Mellcon Engineers Pvt Ltd.