

**MONOBLOCK COOLING UNITS  
FOR  $\pm$  TEMPERATURES OF  
VARIOUS CAPACITIES &  
CONFIGURATIONS**



*The name to be trusted*



**P O L F R O S T  
AIR-CON PVT LTD**



## **2 State-of-Art Manufacturing Plants**

at Navi-Mumbai & Village Dakivali,  
Tal: Wada, Dist.: Thane. Maharashtra.

**30 Years Experience** in the field of  
HVAC & R Industry and a very Clean Track Record.

- Manufacturing of Medical Refrigeration
- Cold Chain Equipments
- PUF Panels & all sorts of Refrigeration Equipments
- Low Temperature Equipments
- Sheet Metal Fabrication
- Quality Powder Coating
- Country Distributor "Aeroflex" Insulation
- Strong Technical Team/Good In-House HRD Activities
- Poised for Quantum Jump in the Refrigeration field

# POLFROST COOLING UNITS

## Monoblock:

Introducing Polfrost Cooling Units manufactured for use in coldrooms consist of a condenser, an evaporator, a electric control panel and a electronic control board. Polfrost offers a wide product an extensive practical field experienced range to meet different types of a coldroom needs and a performance guarantee based on strong technical inputs & world class materials. Polfrost cooling units are easy and quick to install. High technology and quality ensure safety of use. Polfrost products are continuously improved as new technologies and material are introduced. Polfrost cooling units have a built-in warning system which automatically operates in case of any power or gas failure. Operating the units is very easy, thanks to the simple - designed control panels. With just a little care and maintenance, Polfrost refrigeration units could work efficiently and problem-free for years with minimum energy consumption.

## General Features:

Specially designed evaporator and condensor to be used in smaller spaces, easy, quick and cheap installation, Adjustable party wall thickness, Defrost water drainage and evaporation system, Easy access to control board, CNC - processed body with electrostatic oven dried paint.

## Technical Features

SERIES - A (+12 / + 10°C)	MODEL	TON (NOMINAL)	m <sup>3</sup>	WATT	R
	PF-DM 050	1/2	8	1100	R22
	PF-DM 100	1	20	2290	R22
	PF-DM 150	1,5	41	3530	R22
	PF-DM 200	2	50	3900	R22
	PF-DM 300	3	75	6950	R22

Economic, Indian - Emerson / Tecumseh Compressor & Components

SERIES - S 0°C / - 10°C	MODEL	HP	m <sup>3</sup>	WATT	R
	PF-CM 050	1/2	3	660	R404A
	PF-CM 100	1	9	1370	R404A
	PF-CM 150	1,5	19	2100	R404A
	PF-CM 200	2	33	2450	R404A
	PF-CM 250	2,5	43	3300	R404A

Negative ( - ) Temperature Units with imported compressors & World Class Technology

The above recommendation are based on Ambient Temp. 35°C , incoming Product-pre Cooled Average Loading of 150-175 Kg/m<sup>3</sup>.

For more Details & Technical Information please visit our website or feel free to contact us.





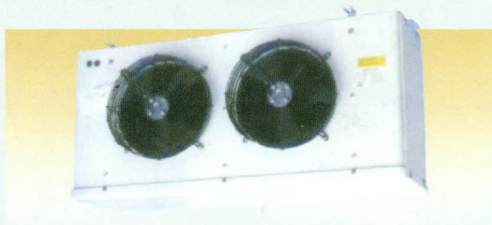
Pre-Fabricated PUF Panels/Door Systems &  
Total Cold Room Construction Solution



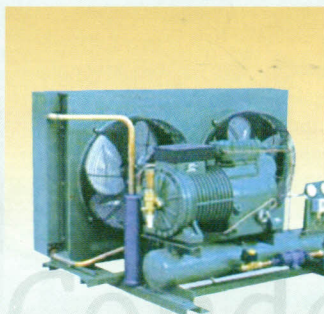
PUF Panels of Thickness from 40 - 150mm upto 6 mtr. length, Tongue Groove arrangement, Cam Locks for Proper Fixing. Choice of Skin Material Gipp / Gipp, SS / Gipp, SS / SS, AL / Gipp of various thickness.

Panels suitable for Cold Room for Food & Beverage Industries Pharmaceuticals, Clean Rooms, Temp Control Warehouses, Floriculture, Horticulture, Dairy Milk Product, Tele-communication Shelters, Camp Sites & Temporary Offices.

## Our Other Products



Unit Coolers from 0.5 to 15 Tons  
Temperature from  $+20^{\circ}\text{C}$  to  $-45^{\circ}\text{C}$



Condensing Units with Semi Hermetic Compressors of all brand  
as per the Customer's request & suitability of the requirement.  
Air Cooled & Water Cooled.



Reciprocating Hermetically Sealed Compressor of all  
reputed make with Air & Water Cooled Condensers.

# Our Strength



## 2 State-of-Art Manufacturing Plants

### Total CNC Machines

- Amada Vipros-255 CNC Terret Punch Press
- Amada CNC Press Break
- OMS Impianti Foam Dispenser
- OMS Impianti 200 Ton Day Light Press
- Total Sheet Metal Working Line from Decoiler to Panel Forming.

- **VERY GOOD SERVICE BACK-UP**
- **TRAINED MANPOWER**
- **LONG WORKING BACKGROUND**

**P O L F R O S T**  
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