



It keeps **cool**  
It keeps **healthy**  
also get saves **energy**



**GTA COOL SOLUTION**

Coldroom Air Conditioning & Refrigeration Engineers

[www.gtacoolsolution.com](http://www.gtacoolsolution.com)



## WORLD-CLASS COLD ROOMS...

Carrier's Cold Rooms are the product of over 110 years of experience in cooling. They come with best-in-world Carrier cooling technology that is trusted by customers in 170 countries. Carrier Cold Rooms with pre-fabricated panels, which can be custom built to meet varied needs, are trusted and relied on daily by businesses across the world.

### Carrier offers Cold Room Solutions for:

- Frozen Foods
- Dairy Products
- Vegetables & Fruits
- Warehouses
- Ice-Cream Mfrs. / Distributors
- Industrial Caterers / Central Kitchen
- Meat Processing Units
- Blast Freezers
- Pharmaceutical Applications
- Poultry (Chicken & Eggs)
- Super Markets
- Pre-Cooling Units
- Floriculture
- Horticulture

### LONG - TERM SAVINGS

Carrier Cold Rooms come with Remote Heat Disposal Systems(Or split refrigerator Systems), which offer the following cost savings and benefits.

- Increased energy savings**
- Reduced refrigerant charges**
- Extended compressor life**
- High and low pressure controls**
- Copper tube and aluminum fin condenser**
- Large electrical control panel**
- Compressor contractor (start Kit)**
- Mounted thermostatic expansion valve(s)**
- Mounted liquid solenoid valve(S)**
- Electric defrost provisions on Low Temperature evaporators**
- Mounted sight-glass with moisture indicator**
- Room thermostat**
- Refrigerant Options: Chiller -R22**
- Freezer-R404A , R134A (CFC- Free)**



### WIDE RANGE OF SPECIFICATIONS

- PANEL SPECIFICATIONS
- Panel Thickness: 60mm / 80mm / 100 mm / 120mm/150mm/200mm
- Panel Finish: PC / SS / GI / SLAB
- PUF Density: 40Kg/m3
- Thermal Conductivity : 0.019w/mk
- Closed Cells: 90-95%
- Operating Temperature: -60 C to +80 C
- Fire Resistance: Class B
- Skin Color: RAL 9003



Carrier world class open / glass door multi deck chillers, freezers for supermarkets, hyper markets, malls, food court, departmental stores, bakeries, vegetable, fruits shops, hotels & bars



POSITIVE TEMPERATURE APPLICATION											
Model Description Condensing Unit	Model Description Evaporator Unit	Refrigerant	Evaporator Cooling Capacity* kW	Compressor Input Power* kW	Total Input Power* kW	Evaporator Unit			Condensing Unit		
						Length	Depth	Height	Length	Depth	Height
CR - AEHM039X 10	CR - E230N 030X STD	R22	3.0	1.31	1.56	1050	372	425	975	400	690
CR - AEHM037X - 30	CR - E230N 030X STD	R22	3.0	1.18	1.43						
CR - AEHM039Z	CR - E230N 030Z STD	R404A	3.0	1.25	1.50						
CR - AEHM073X	CR - E235N 054X	R22	5.4	2.29	2.67	1150	420	490	975	400	820
CR - AEHM072Z	CR - E235N 057Z	R404A	5.7	2.37	3.17						
CR - AECM130Z	CR - E335N 078Z	R404A	7.8	4.75	5.53	1610	420	490	1100	410	900

\*For Positive Temperature Application - Room Temperature +0°C, Ambient Temperature +35°C

NEGATIVE TEMPERATURE APPLICATION											
Model Description Condensing Unit	Model Description Evaporator Unit	Refrigerant	Evaporator Cooling Capacity# kW	Compressor Input Power# kW	Total Input Power# kW	Evaporator Unit			Condensing Unit		
						Length	Depth	Height	Length	Depth	Height
CR-AEHL023Z	CR-E230E 020Z	R404A	2.0	1.92	2.25	1151	372	425	944	457	720
CR-AEHL025Z	CR-E330E 025Z	R404A	2.5	2.01	2.42						
CR-ATHL040Z	CR-E430E 040Z**	R404A	4.0	3.45	4.11	2065	372	425	1060	700	1100

# For Negative Temperature Application - Room Temperature -18°C, Ambient Temperature +35°C



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Plot No.4, Santhosh Nagar Extn., Madanandapuram, Porur, Chennai - 600 125.

Mob: +91 90031 46506 / 98844 28857 Email:gtacoolsolution74@gmail.com ; www.gtacoolsolution.com

