

Total Commercial
Refrigeration Solutions
from the experts



LOW AND MEDIUM TEMPERATURE REFRIGERATION EVAPORATORS



MAJOR APPLICATIONS: • DAIRY • PHARMA • FRUITS & VEGETABLES • FLORICULTURE • FROZEN FOODS • ICE CREAM • FISHERIES

Refrigeration Evaporator's

Medium & Low Temperature



Features



ENVIRONMENT FRIENDLY

- CFC free R404a refrigerants to improve sustainability
- R-22 in select models



ECONOMICAL & CONVENIENT

- Sleek compact design
- Factory engineered product to reduce field installation
- Easy access for trouble shooting
- Powder coated casing with SS fasteners



RELIABLE

- Inbuilt flow controls
- Robust environment protection enclosure for controller
- Better air flow



ENERGY EFFICIENCY

- Expansion device such as expansion valve or capillary provided in all models
- Optimized design for proper heat transfer



ELECTRICAL SAFETY

- External rotor fan motor in select models
- All safety interlocks installed and prewired at factory
- Solenoid Valve & Electric Defrost Heaters in Low temp. evaporators
- Heater safety switch to protect against excessive temperature rise during defrost in low temperature models
- Integrated control panel for ease of installation

Note: Check features availability in respective models

APPLICATIONS:

**FRUITS &
VEGETABLES**

DAIRY

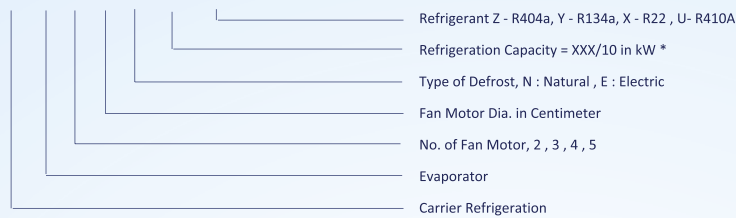
FLORICULTURE

PHARMA

MANY MORE...

Model Description

CR - E 2 35 N XXX Z



SELECTION DATA

MODEL	Cooling Capacity (kW)	Total Air flow, m ³ /hr #	Air Throw, Meter #	Fans Nos. x watt	Coil Heater (W)	Drain Pan Heater (W)	Expansion Device	Solenoid Valve	Controller	Connection (Inches)		Product Dimm. LxDxH, (mm)	Mtg. Pitch A x B (mm)	Net Weight, (Kg)
										Suction	Liquid			
Medium Temperature														
CR-E230N 030Z STD	3.0	2616	5.2	2x72	-	-	Capillary or TXV	-	√	7/8"	3/8"	1050x372x425	892x308	35
CR-E235N 057Z	5.7	4501	7.3	2x135	-	-	TXV	-	√	7/8"	3/8"	1150x420x490	993x308	40
CR-E335N 078Z	7.8	6751	7.3	3x135	-	-	TXV	-	√	7/8"	3/8"	1610x420x490	1450x308	55
CR-E340N 100Z	10*	12121	11.6	3x185	-	-	TXV	-	√	7/8"	3/8"	2212x565x616	640(3)x470	85
CR-E340N 090U	9(12.9')	10500	11.6	3x190	-	-	TXV	-	√	7/8"	1/2"	2065x420x540	953.7(2)x308	73
CR-E345N 126Z	12.6	15597	16.0	3x340	-	-	TXV	√	√	1"3/8	5/8"	2205x554x770	640(3)x470	102
CR-E445N 199Z	19.9	20796	16.0	4x340	-	-	TXV	√	√	1"3/8	5/8"	2850x554x770	640(4)x470	142
CR-E263N 320Z	32.0	21788	30.0	2x1250	-	-	-	-	-	1"5/8	1"1/8	2311x646x1142	1000(2)x480	255
Low Temperature														
CR-E230E 019Z	1.9	2616	5.2	2x72	1500	1500	TXV	√	-	7/8"	3/8"	1151x372x425	993x308	35
CR-E235E 028Z	2.8	3723	5.5	2x135	1500	1500	TXV	√	-	7/8"	3/8"	1151x420x490	993x308	40
CR-E240E 040Z	4.0	4788	10.0	2x190	2x1500	1500	TXV	√	-	7/8"	3/8"	1151x436x540	993x308	45
CR-E335E 060Z	6.0	6751	6.7	3x163	2x1500	1500	TXV	√	-	7/8"	3/8"	1610x420x490	1450x308	60
CR-E245E072Z	7.2	7312	16.0	2x340	2x1500	1500	TXV	√	-	1"1/8	1/2"	1570x554x770	640(2)x470	80
CR-E345E 108Z	10.8	10968	14.0	3x350	3x2000	2000	-	-	-	1"3/8	7/8"	2205x554x770	640(3)x470	108
CR-E445E 136Z	13.6	14624	14.0	4x350	3x3000	3000	-	-	-	1"3/8	7/8"	2850x554x770	640(4)x470	148

Dimension Details

Note:-

Performance stated above are subject to ±7% variation.

Medium Temperature range @ Evaporating -8°C, TD 8K.

Low Temperature range @ Evaporating -25°C, TD 7K

* Cooling capacity @ Average Room Temp. 13°C, CDU Ambient Temperature 35°C.

Cooling capacity @ Average Room Temp. 15°C, CDU Ambient Temperature 43°C.

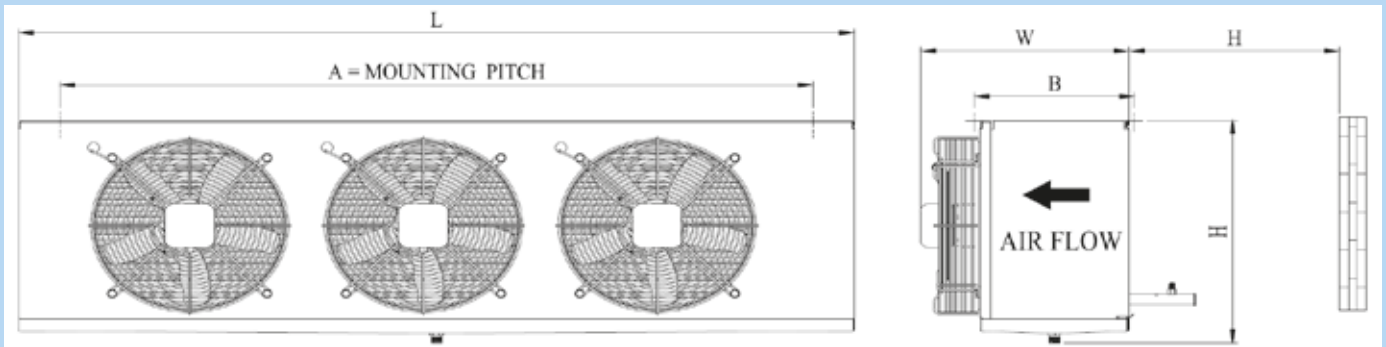
Air Flow & Air Throw values are provided @ NTP conditions. (Air at 20°C, 1 atm & density 1.204 kg/m³)

Net Weights are given with ±7% tolerance.

For details refer Technical detail sheet of the Evaporator.

Details provided above are for information and are subject to change without notice.

Dimension Details



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