

Satisfaction | Innovation | Excellence



Bulk Milk Cooler **100 to 5000** Liter

High Quality Material, Advanced Engineering, Salient and Quick Operation, Energy Efficient, Easy to use and Maintain.



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The most important part of milk collecting center is the bulk milk chiller (bmc). When the milk is extracted it is at around 37c. At atmospheric temperature the bacterial growth of milk affect the quality. So to maintain the quality of milk it is necessary to store it at 4c. Milk coolers are design to maintain the temperature of milk at desired point for better handling and storage.

To achieve quick pull down temperature of milk no matter how high the ambient temperature is

| Description | Dimension (WDH inch) | Volume | Power | Agitator | Shape | Power supply | Pull down time | Refrigerant |
|------------------|-------------------------|--------|-------|----------|----------------------|-----------------|-------------------|-------------|
| | | (ltr.) | (kw) | | | | | |
| RBMC100 | 26 x 26 x 42 | 130 | 0.8 | 1 | Horizontal-square | 1 ph | 5 hrs. | R22 / r134a |
| RBMC250 | 31 x 37 x 60 | 265 | 1.2 | 1 | Horizontal-square | 1/3 ph | 5 hrs. | R22 |
| RBMC500 | 52 x 42 x 60 | 530 | 2.7 | 1 | Horizontal rectangle | 1/3 ph | 5 hrs. | R22 |
| RBMC1000 | 97 x 42 x 60 | 1040 | 4.5 | 1 | Horizontal rectangle | 1/3 ph | 5 hrs. | R22 |
| RBMC1500 | 109 x 58 x 36 | 1500 | 5.9 | 1 | Semi Cylindrical | 3 ph | 5 hrs. | R22 |
| RBMC2000 | 109 X 58 X 46 | 2000 | 6 | 2 | Semi Cylindrical | 3 PH | 6 HR. | R22 |
| RBMC 3000 | 110 X 63(OD) X 71 | 3000 | 7.8 | 1 | Cylindrical | 3 Ph | 6 hr | R 22 |
| RBMC 5000 | 110 X 71(OD) X 79 | 5000 | 11.8 | 1 | Cylindrical | 3 PH | 6 HR. | R 22 |

[*Specifications are under standard test conditions. *Specification and features are subject to change without prior notice, due to continuous Product development. *The actual unit picture may not match the unit picture shown in catalogue. Designs as per standard IS 3661 : 2019]

Tank—

- Vertical Rectangular tank with opening cover Consisting of:
 - Inner Tank, Stainless Steel 304,
 - Very efficient full flow argon welded evaporator
 - Outer tank, stainless steel 304,
 - Insulation with high density non CFC polyurethane foam, 75 mm thickness,
 - Cover stainless steel AISI 304, with filling hole and gas spring for easy opening,
 - Four adjustable legs (Optional)
 - Stainless Steel Butter fly Outlet Milk Filling Valve
 - Milk Level Indicator scale

Agitation and Homonization

- Low Speed Noiseless Gear Motor (30-35 Rpm)
- Automatic safety stops of agitator at door Opening.
- Automatic programmed Continuous agitation
- Homonization of milk fat in 2 minutes accord-

ing to ISO 5708 Standard.

Cooling Equipment

- Separate hermetic type cooling unit with Emerson Copland compressor.
- R 134a/ R407 Green Refrigerant.

Electrical equipments

- Automatic box fastened on the cover opening
- The control interface (Stop, Refrigeration start, continuous agitation start)(Optional)
- The regulation and display of milk temperature,
- The management and control of cooling, agitation and alarms function,



CONTACT US

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