

BULK MILK CHILLER



We also offering Bulk Milk Chiller Capacity from 250 Ltr to 5000 Ltr. which is used to cool milk at 4°C and to maintain freshness of milk



MTD-250/500



MTD-3000/5000



Dump Tank



MTD-1000



MTD-1500/2000



Refrigeration Unit:
Split type for MTD 2000/3000/5000

Cooling & Maintaining Milk Quality At 4°C

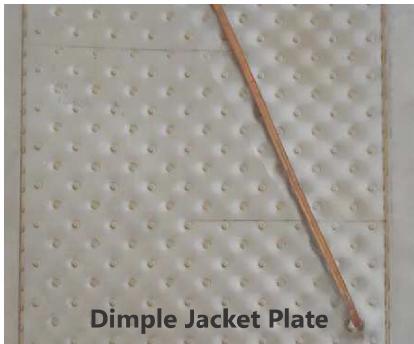
The most important part of a milk collecting centre is the bulk milk chiller (BMC). When the milk is extracted, it is at around 37°C. If the milk continues to remain at room temperature after extraction, bacterial growth will affect the quality of the milk. The BMC is meant to cool the milk to 4°C in a prescribed time. The BMC is available in different shapes and sizes depending on the amount of milk to be cooled and the system of cooling.

Solution for Bacteria Free Milk Storage at Dairy & Milk Collection Center

Special Features

- Faster cooling owing to direct expansion
- Durable tank made of AISI 304 SS
- Digital temperature controller
- Energy conscious
- Robust design
- Hermetically sealed compressor
- Occupy minimum space
- Designed to be user-friendly

Evaporator Cooling Tank For Faster Cooling



In the direct expansion (DX) type, the refrigeration system directly extracts the heat via evaporator (**Dimple Jacket**) which is a part of the bottom side of the cooling tank. The tank is insulated to maintain the temperature and is provided with an agitator for uniform distribution and cooling of milk. Efficient evaporator ensures quick and trouble-free cooling and space-saving installation. A high cooling capacity is guaranteed and freezing is prevented for small amount of milk, the tank is made of stainless steel completely welded and polished. A smooth slope is also provided in milk tank for draining outlet such a way that total milk will drain perfectly.

INSULATION

Thickness 75mm. PUF Insulation CFC free. Density 38 Kg/m³ ±2 kg, PUF pouring in whole body by Imported Automatic Machine.

STIRRER

Gear motor with auto control by timer
i.e.: works 1 minute after every 15 minutes

FACILITY TO MEASURE MILK VOLUME

Dip-stick with dip-stick chart is provided to measure quantity of milk in the tank.

REFRIGERATION UNIT

- Designed to work up to 45°C in Indian weather condition
- Minimum sound & easy to maintain
- Refrigeration system designed such a way that only 3°C temperature will increase in 12 hours after switching off the working unit at 2°C.

Technical Specification

Description	Unit	MTD-250	MTD-500	MTD-1000	MTD-1500	MTD-2000	MTD-3000	MTD-5000
Tank Capacity	Ltr.	250	500	1000	1500	2000	3000	5000
Dimension - Length	Inch	35	51	97	109	109	110	110
Width	Inch	28	35	35	58	58	63 (OD)	71 (OD)
Height	Inch	63	63	62	36	46	71	79
No. Of Door		1	1	2	1	1	1	2
No. Of Agitator		1	1	1	1	2	1	2
Body Type		Horizontal-Rectangular	Horizontal-Rectangular	Horizontal-Rectangular	Semi-cylindrical	Semi-cylindrical	Cylindrical-Closed	Cylindrical-Closed
Power Input.(Kw)		1.2	2.7	4.5	5.9	6	7.8	11.8
Power Supply		1 Ph	1 Ph	1/3 Ph	3 Ph	3 Ph	3 Ph	3 Ph
Pull Down Time		5 Hr	5 Hr	5 Hr	5 Hr	6 Hr	6 Hr	6 Hr