

**Technical Specification for
Instant Chilling Plant cum Bulk Milk Cooler 10KL
(Hybrid Bulk Milk Cooler)**

*** Features:-**

- Modular Design Chilling Plant (Instant Type)
- Ideal For Space Economy
- Easy Movement
- Efficient Cooling

*** Design:-**

Complete Unit like Condenser and Compressors is mounted on a sturdy-frame. The refrigerant circuit is completely piped at the factory and it is operating with first charge refrigerant and oil the circuit.

***Design Specification For Chilling Plant:-**

Sr. No.	Particular	Parameter Detail
1	I.B.T. Size:	500 Ltr (Approx)
2	Medium to be Cooled	Glycol
3	Outlet Temperature	+ 15°C To + 18°C (4,000 Ltr/hr Raw Milk)
4	Heat Transfer Rate	75,000 Kcal
5	Chilling Plant Caps.	25Tr. (12.5 Tr. x 2 Nos.) (440 V 50 Hz 3 Ph)
6	Cooling Efficiency	Tested at our Workshop

*** Description of Plant:-**

Sr. No.	Product Name	Description
1	Compressor	Emerson / Danfoss
2	Power Load	26.5 K.W.
3	Air cooled Condenser	At the Requirement
4	Cooling Coil	P.H.E.
5	Electrical Panel	M.C.B Contactor digital Temperature Meter. Volt Meter Amps. Meter Relay L.P.H.P. Water Flow Switch



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Sr. No.	Name Of Parts	Make
1	Compressor make	Emerson / Danfoss
2	Condenser	Air Cooled
3	Cooling Coil	P.H.E.
4	Ex. Valve	Danfoss
5	Drier/Filter	Danfoss
6	Exhaust Fan	Kanbo
7	Solenoid Valve	Danfoss
8	M.C.B	Hanger/Siemens
9	Temp. Meter	Sub Zero
10	Volt/Amps Meter	Maco

Yours truly,

For, Aviva Equipments Pvt. Ltd



Bharat Shah
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