

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

Please refer the following details for the above specified quotation:

*** 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:	300 Ltr (Approx)
2	Medium to be Cooled	Glycol
3	Outlet Temp.	+ 15°C To + 18°C (2,000 Ltr/hr Raw Milk)
4	Heat Transfer Rate	35,400 Kcal
5	Chilling Plant Caps.	11.6Tr. (5.8 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	13.5 K.W.
3	Air cooled Condenser	At the Requirement
4	Cooling coil	P.H.E.
5	Electrical Panel	M.C.B Contactor digital Temp Meter Volt Meter Amps. Meter Relay L.P. H.P. Water Flow Switch



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

Yours truly,

For, Aviva Equipments Pvt. Ltd



Bharat Shah
Managing Director