

Bansal Technocrats Pvt. Ltd.

“Bansal Technocrats Pvt. Ltd.” is a leading Manufacturer, Exporter and Supplier of high quality sophisticated process plants and associated equipments specifically for Dairy Industry. We also undertake the manufacturing of Stainless Steel fabricated equipments for Food, Chemical, distillery and other Industries also. We design, and manufacture products as per the customer specific requirements. Our products have gained a prominent place in domestic as well as overseas market.



Bulk Milk Cooler

We design and manufacture Bulk Milk Coolers in Direct Expansion (DX) type in various sizes and models to meet specific requirements. Our Bulk Milk Coolers are designed as per ISO 5708 2A II standards manufactured with high quality stainless steel workmanship, extreme efficiency, outstanding reliability and state-of-the-art technology, the range of Bansal's Bulk Milk Coolers give top cooling performance every time. These are manufactured by using evaporating dimpled plate imported from a world renowned company of England who has a major share in the market of bulk milk coolers in Europe.

Salient Features

High Durability : Manufactured using proven engineering principles, combines with 30 years designing and manufacturing experience, every BMC (DX) tank is constructed from high quality stainless steel (304) resulting in a superior hygienic finish.

Effective Insulation : 50mm polyurethane foam (CFC free) is injected between the inner and outer shells creating high rigidity and good insulation properties thus reducing the running cost and helps in retaining the natural quality of milk.

Operationally Efficient Agitation : The gentle motion (25 RPM) of the paddle type agitator enables the milk to be blended at all times, while maintaining the levels of the butterfat. It also helps in maintaining the uniform temperature of milk and avoids the ice formation/freezing of milk.

Easy to Install : The BMC can be installed even on an uneven ground by adjusting ball feet.

High Load Capacity : Robust and sturdy saddles underpin the tank and add strength and durability whilst the milk is stored.

Fabdec's (England) Efficient Cooling Thermal Plates : At the heart of Bulk Milk Cooler is the efficient "Thermal Plate Technology" providing optimum cooling efficiently via direct contact with the plates even at low milk volumes.



Item Code : DX-CV-500 Ltrs



Item Code : DH-HCH Cap. 1&2 KL



Item Code : DX-HCC-Cap. 3&5 KL

HR Geyser

It is to be clubbed with Bulk Milk Coolers (BMC) to provide free of cost hot water which can be utilized for effective CIP of the BMC's cleaning of other equipments and floor area at milk collection centre.

By HR GEYSER water may be heated around 50 to 60oC by the heat recovered from the milk during its cooling process.

Sizing HR Geysers (Ltrs) : BMC (CAP.-KLPD)

100 : 1 • 200 : 2 • 400 : 3 & 5

Advantages

Reduced Costs

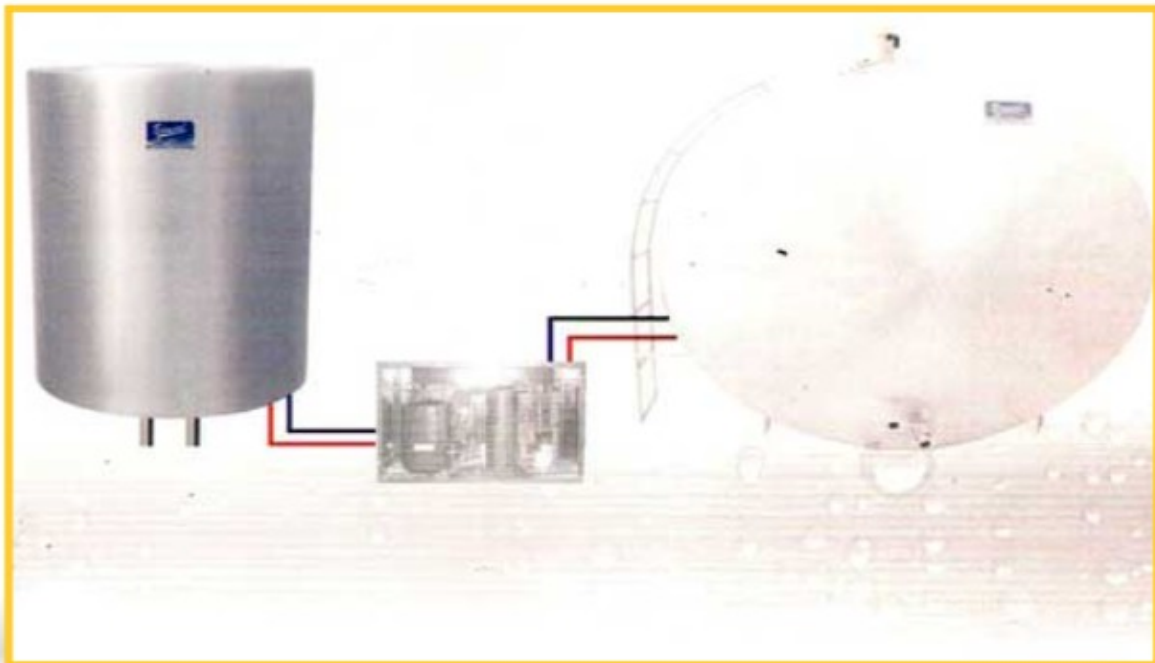
- No additional cost is involved as it uses heat normally wasted by the refrigeration circuit.
- Extends the working life span of the compressor and reduces running cost

Maintenance Free

- Corrosion resistant duplex steel
- Effective even in hard water areas
- Very strong yet light and therefore, easy to install
- No Sacrificial anode
- No moving parts

Highly Efficient

- Built in heat exchanger
- 50mm thick hot insulation for excellence heat retention
- Handles up to 6 bar operating pressure



Dump Tank

The dump tank fabricated from SS 304 (2 thk.) will be located under the milk reception weigh bowl to collect the milk as it is released from the weigh bowl.



Weigh Bowl

For weighing of milk received in cans at dairy docks, especially designed without having any gasket in the disc valve available in the capacity up to 500 Ltrs.



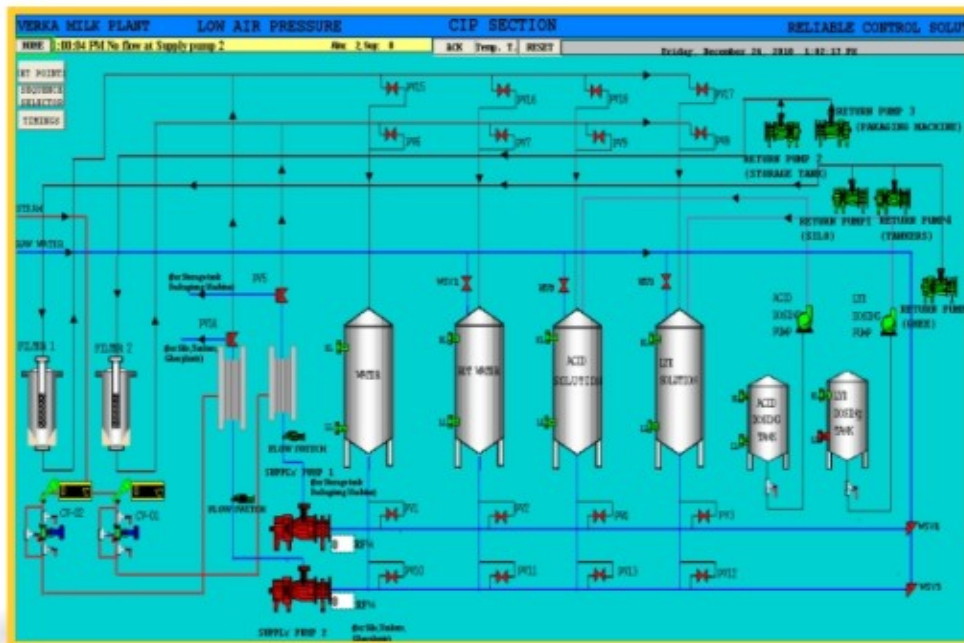
Milk Storage Tanks and Silos

Insulated, double walled, manufactured by high quality stainless steel AISI 304 grade as per standard dairy norms to store the chilled milk at 4°C available in horizontal and vertical shapes in the capacities up to 100 KL.



CIP System

To clean all milk handling equipments and interconnecting pipes, fittings etc., available in single / double circuit, semi automatic / automatic based on PLC control panel required as per dairy standards consisting of CIP tanks, plate heat exchangers, filters, pumps, valves and fittings etc.



Ghee Manufacturing Equipment

A complete range of Ghee Manufacturing Equipment consisting of Butter Melting Vat, Pre-stratification Tank, Ghee Boiler, Ghee Settling Tank, Ghee Storage Tank, Ghee Pumps and Balance Tank etc.

Cream Storage and Ripening Tanks

In triple jacket and insulated construction to store and ripening the cream.



Road Milk Tanker

Available in different capacities suitable to the truck chassis both in single & double compartment used to transport pasteurized, chilled milk on rough surfaces and asphalt road over long distances having brimful capacity up to 25000 Ltrs.



Milk Pumps

The pumps of sanitary design would be used for transfer of milk/ghee/butter having capacities up to 30 KLPH consisting flanged motor of suitable capacity with hygienic sealing arrangement. The pump and drive would be integrated together with a SS shaft and the impeller (SS 304) would be fixed on the same shaft.



SS Dairy Pipe Fittings

A wide range of SS Pipe and Fittings i.e. Inline Filter, Two Way & Three Way Plug Valves, Butterfly Valves, Pneumatically Operated Valves, Unions, Pipe Clamps, Tee, Bends etc., are also covered within the manufacturing range.

OUR USP Besides our standard range of manufacturing we also undertake the manufacturing of individually required stainless steel fabricated equipments, tanks & vessels etc., for dairy, food, pharmaceutical, chemical, distillery & breweries etc.



Butter Churn

To manufacture the plain and table butter from the milk cream in batch process ranging up to 10 KL rated capacity available with eddy current drive or A.C. Frequency drive.



Contact us

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