

AN ISO 9001 - 2015 CERTIFIED COMPANY

Venture Steels Pvt. Ltd.



DIRECT EXPANSION SEMI & CLOSE CIRCULAR TYPE

BULK MILK COOLER



THE TANK

- Open design with gas spring assisted interchangeable hinged lid offers easy access for cleaning and visual inspection
- Semi elliptical tank with a double stainless steel shell of AISI 304 in special ground finish for 1KL & 2KL
- The bottom of the tank has specially designed dimple evaporator, which is highly efficient. It is made from AISI 304 stainless steel, using laser welding technique
- Heat transfer surface designed for handling two milking with optimum energy efficiency
- 51mm outlet connection with two way SMS butterfly valve
- Stainless steel dipstick with corresponding value table for measurement of milk quantity
- CFC free PUF density of 40Kg/M³. It ensures proper insulation
- Low Power consumption
- Adjustable Stainless steel ball feet legs



SEMI CIRCULAR TYPE

THE TANK

- Close type tank offers efficient more hygienic and less heat loss
- Circular/elliptical tank with a double stainless steel shell of AISI 304 in special ground finish
- Special designed dimple evaporator, which is highly efficient. It is made from AISI 304 stainless steel, using laser welding technique
- Heat transfer surface designed for handling two milking with optimum energy efficiency
- 51mm outlet connection with two way SMS butterfly valve
- Stainless steel dipstick with corresponding value table for measurement of milk quantity
- CFC free PUF density of 40Kg/M³. It ensures proper insulation
- Low Power consumption
- Adjustable Stainless steel ball feet legs



CLOSE CIRCULAR TYPE

1

HEAT RECOVERY UNIT



2

CONDENSING UNIT

Adequately designed to cool milk from 35°C to 4° C. The condensing unit is simple and easy to install

- Robust and reliable hermetic scroll compressors
- Eco friendly refrigerant
- Air Cooled Condenser
- Protection from high & low pressure

3

GENTLE AGITATION

Self-lubricating low speed motor agitator at any filling level due to unique design of the blade

CONTROL PANEL

- Compact control box for command & regulation of condensing unit & cyclic agitation
- Digital display to indicate temperature. Manual & auto mode available for easy operation

4

DIGITALIZATION OR DIGITAL FEATURES

MODEL - 1

Auto & manual control for compressor & agitator
Data logging facility up to 90 days, for temperature & CIP

MODEL- 2

Basic features as per model -1
Real time data for compressor , DG set, Milk pump running & electricity

MODEL- 3

Features as per model 1 & 2
Real time level of milk or quantity of milk loading & unloading time
Cloud base data logging with GPS facility

5

RATED CAPACITY

		Length	Width	Height
200 ltrs.	Vertical	Ø 850	-	1450
500 ltrs.	Vertical	Ø 1250	-	1400
1000 ltrs.	Vertical	Ø 1500	-	1500
1000 ltrs.	Horizontal	2100	1450	1350
2000 ltrs.	Horizontal	2900	1500	1450
3000 ltrs.	Circular	3100	1500	1800
5000 ltrs.	Circular	3500	1800	2100
5000 ltrs.	Elliptical	3500	2100	1900
10000 ltrs.	Elliptical	4100	2400	2400

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