



OM METALS & ENGINEERS

AN ISO 9001 : 2008 Company

AMMONIA REFASHION SYSTEM

Description

OME will extend its services into designing, engineering, assembling, fabrication, installation, testing and commissioning with best quality after-sales services for ammonia based water chillers for Dairy, Pharma and Beverage Industries, Glycol Chillers for Dairies, Breweries and Pharma Industries, Brine Chilling Plants for Breweries, Pharma, Chemical and allied Industries using Reciprocating as well as Screw Compressors, Shell and Tube, Shell and Plate as well as Plate and Frame PHE Chillers and Shell & Tube,



Atmospheric, PHE as well as Evaporative Condensers with in-house manufacturing capability for Atmospheric condensers, Shell and Tube Evaporators as well as Condensers.

Design Features

- Compressor
- Ammonia Liquid Receiver
- Ammonia Liquid separators
- Ice Bank Tank and Coils
- Ammonia Evaporative Condenser
- Capacities ranging from 17 TR to 350 TR.
- Customised as per Customer need.

Advantages

- High heat transfer coefficients in equipment, highest COP
- Efficient compressor operation
- Low refrigerant cost
- No ozone depletion & very low/no global warming
- Self-alarming
- Natural Refrigerant

FREON-BASED REFRIGERATION SYSTEM



Description

Freon Refrigeration System Are Manly Designed for Instant Cooling. output temperature of Freon system is minus 1 to minus 4 deg.C. by using

- Compressor
- Condenser - Air /Water Cooled Type.
- Condenser Make
- Glycol Tank - S.S.304/MS.
- Water Circulation Pump
- Electrical Control Panel - Inbuilt.
- Unit Size - Customised.
- Power Supply - 3 Phase

TECHNICAL SPECIFICATION

Capacity	5 TR - 25 TR
Energy Consumption	10 HP to 30 HP
No. of Compressor	1-2
Refrigerant	R-404/R-22/R-134A
Temperature Range	Up to minus 10
Application	To Produce Chilled Water
Design	Standard/Customized
Tank Capacity	Customized

BULK MILK COOLER (BMC)



Description

Raw milk grows bacteria rapidly above 7°C, therefore it is important to cool milk to maintain milk quality. OME Milk Cooling Tanks are the best solution for cooling mil.

OME bulk milk cooling tanks are equipped with agitator and a state of art refrigeration system. The refrigeration system is built to the specific requirement with hermetically sealed compressor, controls and safety features, which makes the bulk coolers extremely reliable and energy efficient.

Features

- Wide range from – 500 L to 5000 L
- Hermetically sealed compressor
- Digital temperature control
- Tank made of AISI 304 SS
- Minimum Space required
- Customised Design
- Energy efficient condensing unit
- High Standard of Milk Hygiene

OMDEL	CAPACITY	CONSTRUCTION TYPE	LENGTH mm	WIDTH mm	HEIGHT mm
OME-V0.5	500 L	Vertical Cylindrical	1150	1560	1280
OME-HSS01	1000 L	Horizontal semi Cylindrical	1850	1300	850
OME-HSS02	2000 L	Horizontal semi Cylindrical	2500	1500	950
OME-HSS03	3000 L	Horizontal Cylindrical	2200	1850	1850
OME-HSS05	5000 L	Horizontal Cylindrical	2000	2050	2050

Contact Us

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