



# REFRIGERATION EQUIPMENTS



FOR FOOD | DIARY | FRUIT PULP | BEVERAGES & CHEMICAL INDUSTRIES





## Compressor Section

- ◆ Various Types of Reciprocating and Screw Compressor.
- ◆ Single stage for medium Application.
- ◆ Double Stage for Low Application.

## NH3 Compressor

- ◆ Series of Reciprocating Compressor.
- ◆ Compressors with Loading and Unloading devices.
- ◆ Compressors are designed for partial loading.



## Refrigeration Piping

- ◆ Pipe Line and structure designed by CAD software.
- ◆ User friendly piping.

## Series of NH3 Receiver

- ◆ Receiver with IS 2062 / IS 515 Material.
- ◆ Tested with the Hydro for the required Pressure.
- ◆ Receiver with Various Codes.



## Plate NH3 Condenser

- ◆ Software Designed condenser to maintain the Excellent Condensing temperature.
- ◆ CIP cleanable on the cooling water side.
- ◆ Low hold up volume



### Intercooler

- ◆ Common Intercooler for easy handling.
- ◆ Intercooler will be with the sub cooler on demand.

### Atmospheric Condenser

- ◆ Atmospheric Pipe condenser for easy maintenance.
- ◆ Condensers are available with U bend or with vertical header.



### IBT Accumulator

- ◆ Properly designed accumulator to regulate the flow to the coils.
- ◆ Supplied with various process controls to monitor the system

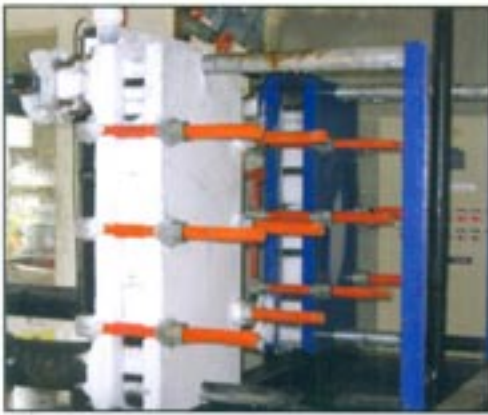
### Row of Ice Building Coils

- ◆ IBT Coils to form the Ice for the process system.
- ◆ Supplied with Galvanized and painted version.
- ◆ Proper CAD aided design



### Ice Building Tanks

- ◆ IBT Tank in assembly.
- ◆ With steel structural and Civil construction
- ◆ Excellent Insulation and the heat loss is minimum.



### Plate Heat Exchanger Evaporator

- ◆ Plate type Evaporator with Low hold up volume.
- ◆ Used for Brine, Glycol , water cooling.
- ◆ Low approach temperature.
- ◆ Plate of SS316/Titanium
- ◆ Gasket CR/HNBR etc.,

### LP Receiver

- ◆ Well designed LP Receiver depending on the Load factor.
- ◆ Perfectly designed to avoid the liquid carryover
- ◆ Receiver with various codes



### Hermetic Liquid Pump

- ◆ Liquid refrigerant pumps for excellent distribution.
- ◆ Can work under Low NPSH.
- ◆ Can be with the Hermetic and open type.

### Freon Chilling unit

- ◆ Mini cooling system useful for all the cooling application.
- ◆ System can be designed with various refrigerant.
- ◆ With Hermetic, Semi Hermetic and open type compressor.

