

# ***Plate & Tubular Heat Exchanger***



**TAVRON**  
Engineers  
...Think cool

**FOR FOOD | DIARY | FRUITPULP | BEVERAGES & CHEMICAL INDUSTRIES**





### ◀ HTST MILK PASTEURIZER

- Glue Free Gasket.
- Hygienic Plates.
- CIP Cleanable.
- Plates are of SS 304 / SS 316.
- Gasket are of NBR/EPDM.

### PLATE HEAT EXCHANGER SYSTEM ▶

- HT5T Pasteurizer for Milk, Juice and other liquid product.
- Cap From 50 LPH to 30,000 LPH.
- Version Available with Manual/Automatic.
- Skid mounted / Floor Mounted.



### ◀ WIDE USAGE OF PLATE HEAT EXCHANGER

- All the Food Industry looking for Inline heating and cooling.
- Various Advantages like low approach temperature. Holdup volume.
- Excellent Heat transfer Co-efficient.
- Highly suitable for Milk, Ice cream mix and other similar character product.



### BATTERY OF PLATE HEAT EXCHANGER ▶

- The Plate heat exchanger can be used in the all the fluid.
- Wide Gap plates are available for the suspended solid product.
- The Frame is available in 55 Clad and Carbon steel
- The Plates are from SS 304 / SS 316 / Titanium / and other alloy material on request.
- Plates are available from 0.04 sq.mt area to 0.8 sq.mt
- Other sizes are on request are available.







### ◀ CIP SYSTEM

- Suitable to Dairy/Beverage Industries.
- Automatic and Semi automatic.
- Single circuit to multi circuit.
- SS 316 construction.
- Reputed make valves.
- PLC with SCADA system.
- SKID Mounted.
- User friendly.
- Highly Efficient.

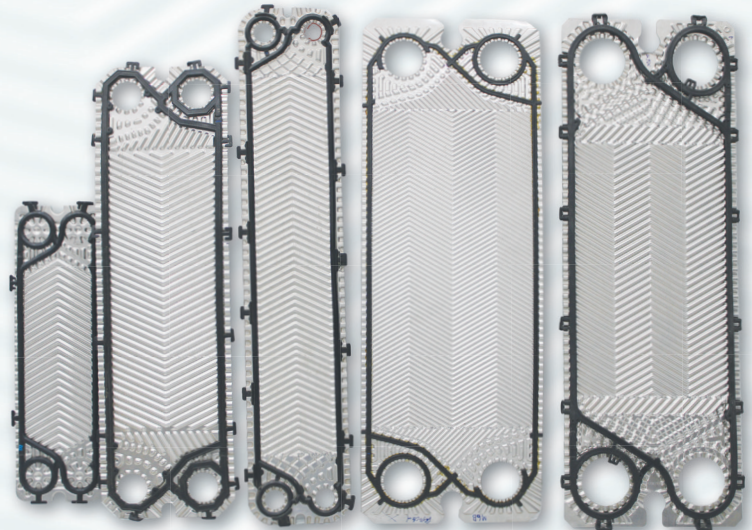
### BATTERY OF PHE WITH CARBON STEEL FRAME ▶

- Semi welded Plate heat Exchanger for Condensing and Evaporating of Refrigerant
- Pair of Plates will be Laser welded and the channel gasket has been avoided.
- Less Refrigerant requirement due to less hold up volume.
- Laser welded in the Refrigerant side so handling of refrigerant is easy.



### ◀ INSTRUMENT AND CONTROL

- PLC of reputed make.
- SCADA System.
- Complete process automation.

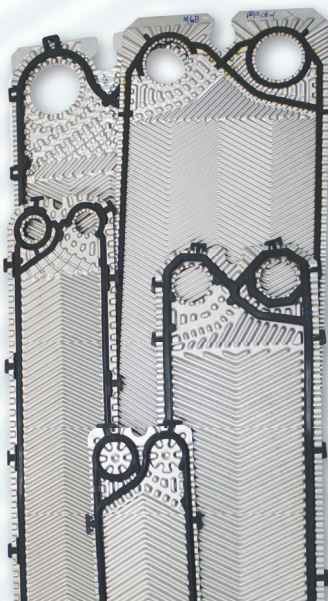


### ◀ VARIOUS SIZES OF PLATES

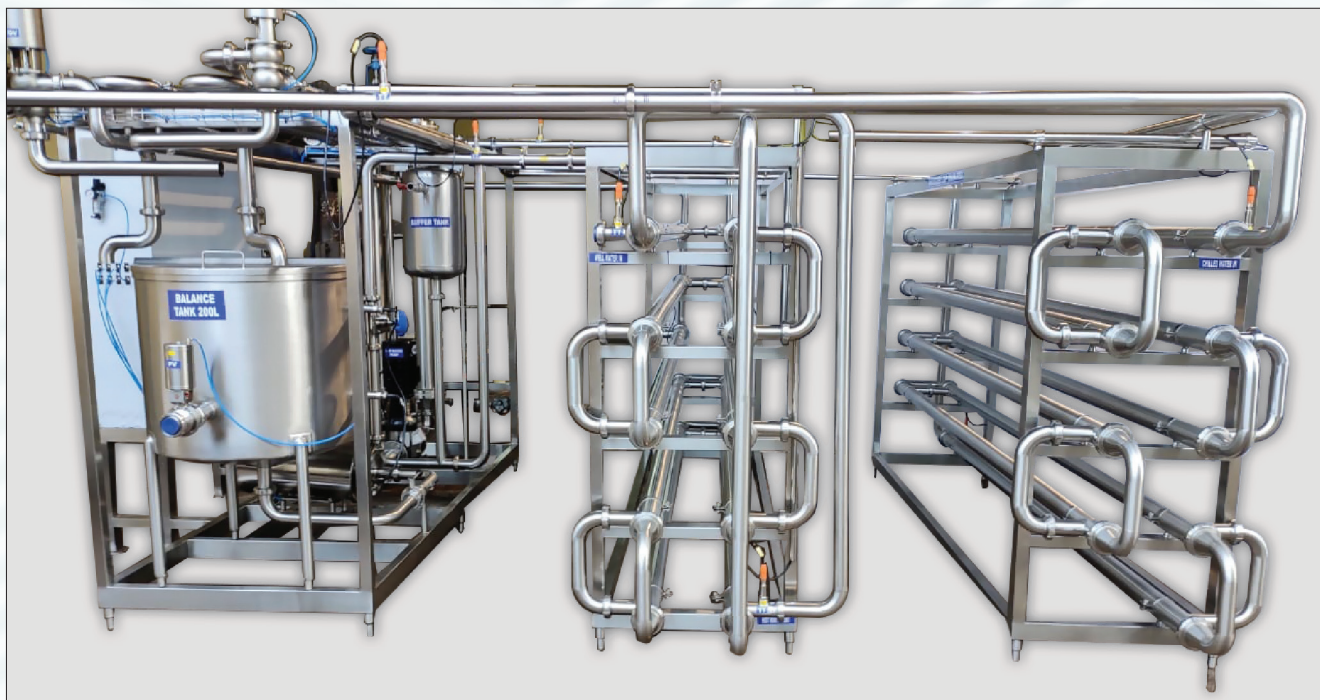
- Various Sizes of Plates.
- Various Material of Plates.
- Various Gaskets of Plates.
- Various Applications.

### ▶ VARIOUS PLATE COMBINATION

- High Theta Plate with High Heat transfer and High Pressure drop.
- Low Theta Plate with Low heat transfer and Low pressure drop.







## ▲ TUBULAR HEAT EXCHANGER

- Various Capacities from 250 LPH onwards.
- Application like Juice Heating & Egg Liquid processing.
- Auto steam control.
- PID Control and PLC Control.
- Complete Assembly on Skid.
- SS 304 / SS 316 Construction.

## MILK HEATING SKID ▶

- Various Capacities from 250 LPH onwards.
- Application like Juice Heating & Milk Heating.
- Auto steam control.
- PID Control and PLC Control.
- Complete Assembly on Skid.
- SS 304 / SS 316 Construction.



### HEAD OFFICE

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