

PT Metalindo Prima Engineering

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About Us

PT. Metalindo Engineering was established in 1984 our company is specialized in Central Airconditioning and Refrigeration contractor , we also fabrication water chilling unit , Evaporator and water cooled Condenser . In 1990 we fabricating customized of Heat Transfer Equipment , Pressure vessel and Incinerator

Our Market

Our market is in Industrial , Chemical Industry , Pharmaceutical Industry , Food and Beverages Process Industry , Edible Oil Process Industry , Hotel , Hospital and other various Industri .

Our Product

Air Cooled Heat Exchanger , Tubular Heat Exchanger , Pressure vessel , Water Chilling Unit (Air Cooled and Water Cooled Chiller) , Incinerator , Boiler Economizer, Drying and Cooling system , HVAC and Installation of ME .

Air Cooled Chiller and Water Cooled Chiller

- High cooling capacity, low power consumption
- Silent and low vibration
- High efficiency profile Compressor, durable and easy maintenance
- Long life bearing with pressure unloading and Optimized oil management
- Intelligent electrics protection
- Low Temp 0 - min 40 Deg Celcius (By Request)
- Suitable for R 22 ; R 134a , R 407C , R 404A



High technology

A high performance 16-bit microprocessor with high program running speed and efficient management of the interfaces and the expansion boards. All of components in this system can be connected to pLAN local networks without additional cards,



Heat Pump

- High Efficiency
- Water temp. 55 C
- Scroll Compressor
- Ozon friendly Refrigerant use
- Energy Saving

- Air Source Heat Pump
- Water Source Heat Pump
- Combine Cooling and Heating



Tubular Heat Exchanger

PT Metalindo Prima Engineering design, calculation, engineers, Custom made Heat Exchanger We Design with HTRI and ASTM standard fabrication Shell and Tube Heat Exchangers, craftsmen with many years of experience have extensive knowledge in the manufacturing techniques required to produce quality heat transfer equipment.



Air Cooled Heat Exchanger

PT Metalindo Prima Engineering design, calculation, engineers, Custom made Heat Exchanger We Design with HTRI and ASTM standard fabrication Air Cooled Heat Exchangers.

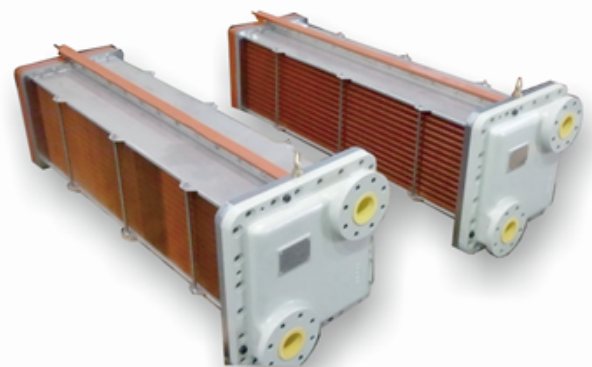


Plate Heat Exchanger

Brazed Plate Heat Exchanger & Gasket Plate Heat Exchanger

PHE can be use for Cross Temperature case , that can not be done with Shell and tube heat exchanger Compact design. They just need 22 ~ 50 % less space in the system than a comperable shell & tube heat exchanger. So they require up to 75 % less cooling media , you just need a smaller pump that will consume energy

- Compact structure and easy Installation
- Small liquid retardation 20% ~ 30% of shell and tube heat exchanger
- Small consumption of water Only need 1/3 of shell and tube heat exchanger
- High temperature 400 C and high pressure until 45 bar
- Low scalling coefficient
- High turbulance reduce scalling coefficient



Retubing heat exchanger

We have complete tools for Retubing :

- Weld remover
- Internal tube cutter
- Hydroulic tube puller
- Hydroulic tube expander
- Electric tube expander
- Tube facer



Refrigerant Hot Gas Heat Recovery

Get Free Hot Water from Water Chiller or Central Air Condition .

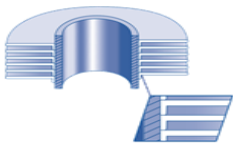
- Outlet water temp. Until 70 C
- Maintenance free
- Increase Chiller Capacity
- Decrease Electric Consumption
- Reduce cost operation



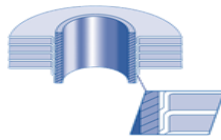
Finned Tube

-We supply all kind of Fin Tube Type

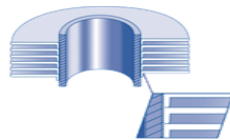
Type	Max Working Temp. C	Atmospheric Corrosion Resistance	Mechanical resistance	Fin Material	Tube Material
L	150	Acceptable	Poor	Al, Cu	No limit
LL	180	Acceptable	Poor	Al, Cu	No limit
KL	260	Acceptable	Acceptable	Al, Cu	No limit
G	400	Poor	Acceptable	Al, Cu , CS	No limit
Extruded	285	Excellent	Excellent	Al	No limit



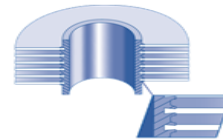
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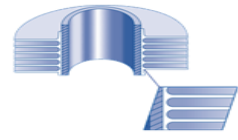
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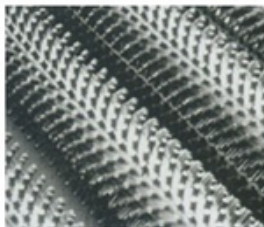
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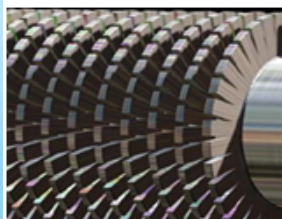
Extruded



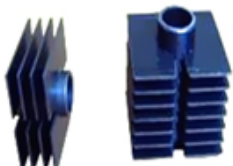
Solid Fin Tube or High Frequency Welded Fin



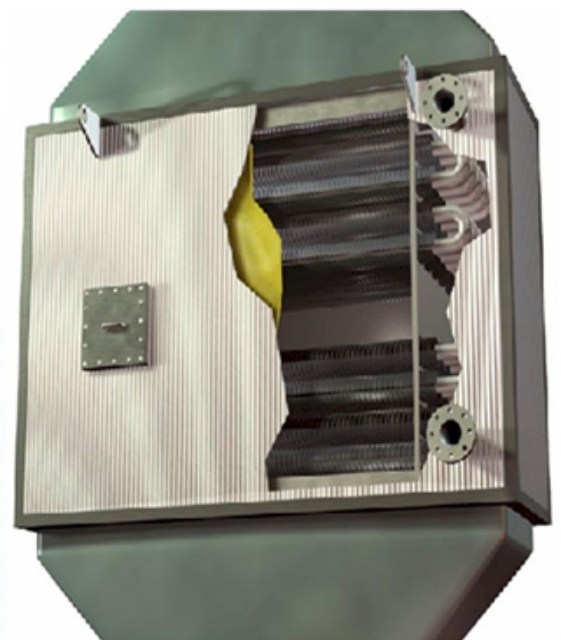
Stud Fin Tube



Serrated Fin ube



H Fin Tube



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ISO 45001 : 2018 Certified



ISO 9001 : 2015 Certified

Other :

- Tubular Heat Exchanger
- Air Cooler Chiller
- Incenerator
- Boiler Economizer
- Water Cooler Chiller
- System Integrator