



**PT. Gemilang Reksa Buana**  
Mechanical, Electrical & Heat Transfer Engineering



## ***HEAT EXCHANGER ASSEMBLED & PARTS***



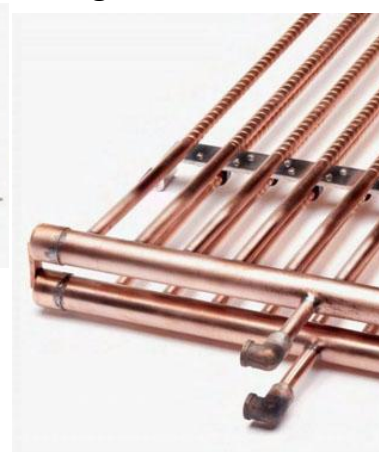
***Products Catalog***

## ***WinterTech HX: Heat Exchangers Assemblies***

All WINTERTECH heat exchangers are made to customer specifications.

WinterTech provides fabricated finned, enhanced, and smooth tub heat exchangers in a variety of configurations . These products can be fitted with tube collection devices such as manifolds, tube sheets, or header boxes.

Heat exchangers can also be created by forming the tubing to almost any shape.



## ***WinterTech FX: Finned Tube Heat Exchangers***



### **Bent or Coiled Finned Tube**

All WINTERTECH tubular heat exchangers are made to customer specifications. Our Fin Tube provides fabricated finned tubular parts in a variety of configurations. These products are fitted with tube end forming for all styles of end connections.

### **Bent or Coiled Smooth Tube**

All WINTERTECH tubular heat exchangers are made to customer specifications. Our FinTube provides fabricated smooth tubular parts in a variety of configurations. These products are fitted with tube end forming for all styles of end connections.

## ***WinterTech SX: Smooth Tube Heat Exchangers***



### **WinterTech TT: Twisted Tape Turbulator**



The twisted style turbulators offer a large range of size and length to fit any application. Turbulators are inserted into heat exchanger tubing to increase the turbulent flow through a tube, effectively increasing heat exchange rates and abilities. Turbulators act to mix the fluid or gas on the inside of the tube.

- ❖ **Note: Twisted tape turbulators are custom made for each application. Please call for more information.**

### **WinterTech TC: Tube Support Collar**

WinterTech offers several different options to help provide stability and long life to our finned tubing. Collars can be used in high vibration and long tube length applications. Collars also reduce wear on fins that can lead to tube failure. Collars offered include cast-zinc, silicon, metal band, and packed fin.



We can also place mid-bare sections (no fins) for customer supplied supports. Collars can be placed at any point throughout the length of the tube. Dimensional specifications are closely maintained to ensure proper fit.

### **WinterTech TS: Tube Sheet / Baffle / Flange**



WinterTech Tube CNC machine tools allow us to offer tubesheets, baffles, and flanges. Tubesheets are available in any machine-able shape or configuration.

Products can be machined to TEMA industry standards or as specified by customer.

### ***WinterTech TF: Tube End Forming***

The Wrinkle Fin attachment is a surface variation to the Edge Tension fin tube. This enhancement breaks up the air to enhance heat transfer. It uses symmetrical waves in the radial surface of the fin as it contacts the tube.

The fins are tack welded to the tube at each end of the fin section to ensure contact. The fins are also thicker sheet metal, typically 0.030" to 0.060" thick, which makes them very robust. Wrinkle Fin enhancement is commonly used in heavy duty applications and rough environments.



### ***WinterTech TM: Tube Manifold***



WinterTech produces tube headers, also known as manifolds, for use in a variety of heat exchanger applications. Tube holes can also be T-Drilled (collared), drilled, or punched per requested requirement.

### ***WinterTech RB: Return Bend / LB: Elbow Bend***

WinterTech tubular flow fittings are used in Heat Exchanger assembly and fluid piping systems. End forms can be utilized on any of the Return Bends and Elbows



## Contact Information



**PT. Gemilang Reksa Buana**

*Mechanical, Electrical & Heat Transfer Engineering*



**PTM 3 No. 35 Metland Transyogi  
Cileungsi - Bogor 16820**



**021 80477095**



**0878 1506 0382**



**support@gemilangreksabuana.com  
gemilangreksabuana@gmail.com**



***www.gemilangreksabuana.com***