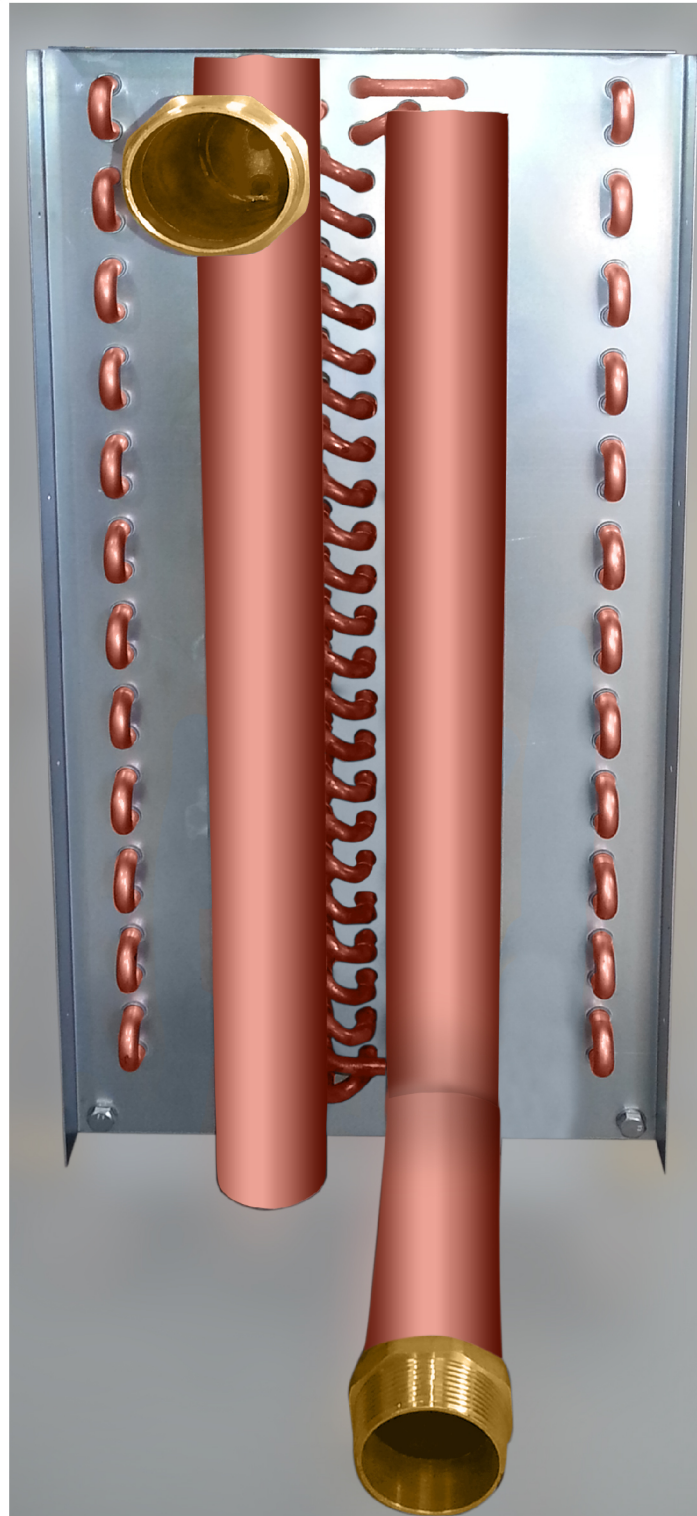
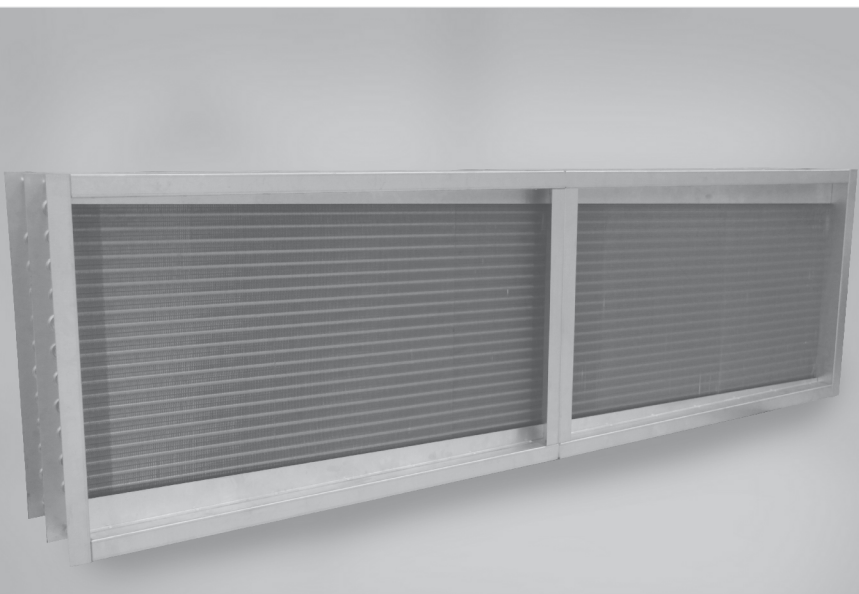
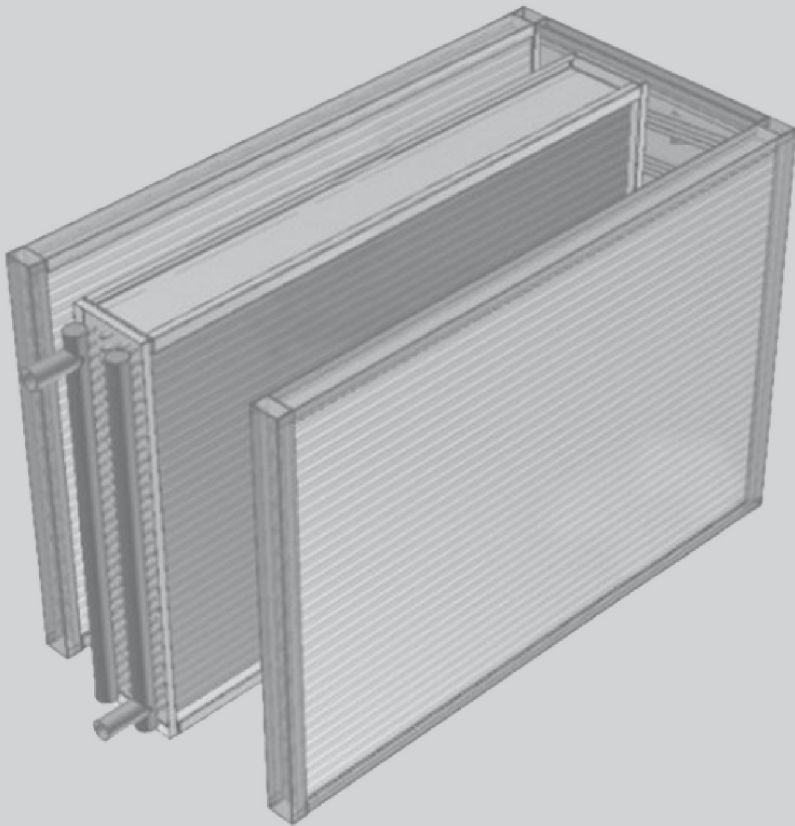


'Pioneers in the Heat Transfer Industry'



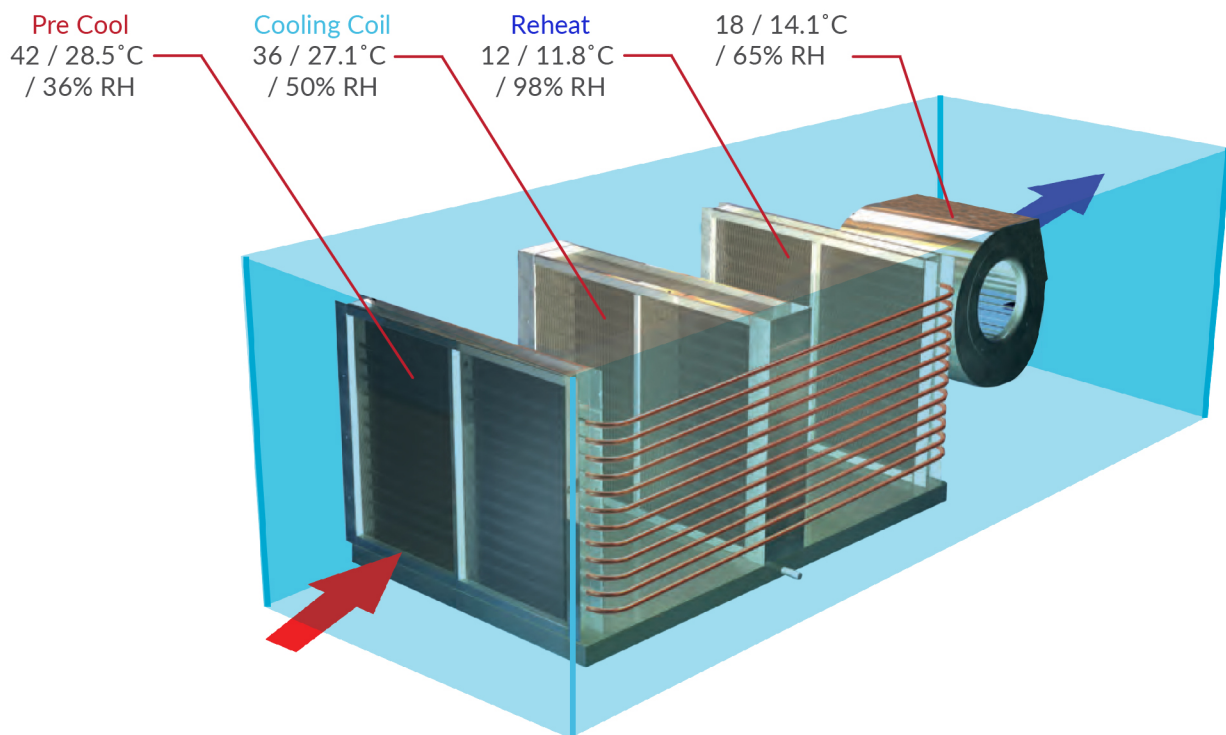
Dolphin Heat Pipe



Dolphin has designed and manufactured different kinds of Heat Exchangers for over 32 years. We have now introduced Heat Pipes into our product range. We are dedicated to the design and manufacturing of Wrap Around Dehumidifier Heat Pipes and Heat Recovery Heat Pipes.

Wrap Around Heat Pipes

Wrap around heat pipes consists of two sections. Precool coil is placed in the coming air stream before cooling coil. When the warm air passes over the precool coil the liquid refrigerant vaporises and moving heat to the Reheat coil placed after the cooling coil. Air passing to the cooling coil drops to a lower temperature, because the heat has been removed from the air before entering to evaporator coil. Resulting in more moisture removal. The reheat coil will reheat the overcooled air to a desired temperature and a lower relative humidity, using the same heat originally absorbed by the Precool coil.



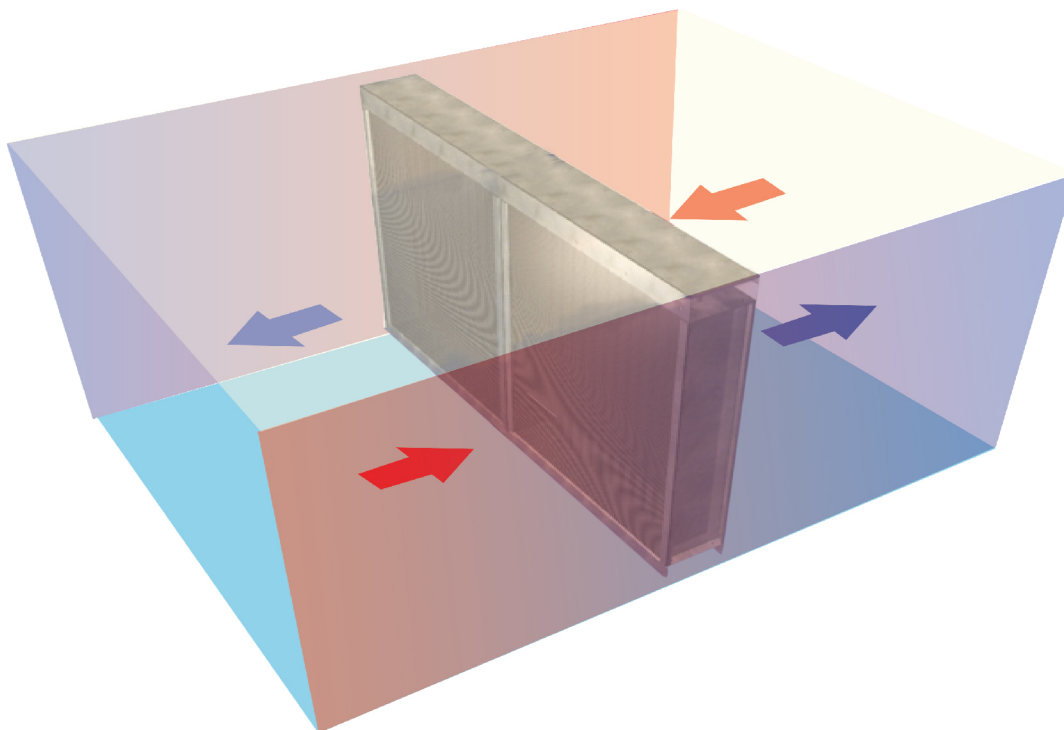
The technology has been used in many applications world wide : Hospitals, Shopping Malls, Hotels, Libraries, Colleges, Schools, Military facilities and Government Buildings.

Wrap Around Heat Pipes Advantages

- No direct energy input
- No moving parts
- Totally passive
- Up to twice as much moisture extraction
- No need for reheat or desiccant systems
- Easy drainage of condensation
- Virtually maintenance-free
- Environmentally safe
- Create healthy environment by providing better indoor air quality

Vertical / Horizontal : Heat Recovery Heat Pipes

The heat pipe extracts heat from the waste air stream and adds it to the incoming stream. With a minimum set up cost and no running cost. The effectiveness of this process can be as high as 75%.



The main usage of this technology is in the following buildings : Manufacturing, Hospitals, Medical Buildings, Clean rooms & Data centers

Vertical / Horizontal : Heat Recovery Heat Pipes Advantages

- No direct energy input
- Low air pressure drop
- Totally passive
- Virtually maintenance-free
- Create healthy environment by providing better indoor air quality.
- Can be installed in Duct and AHUs.
- Zero cross contamination
- Easy drainage of condensation
- Environmentally safe

General Specifications

Tube	Copper
Fins	Aluminium / Copper Hydrophilic Precoated - Blue in shade Thermoguard coating - Silver in color Heresite coating - Brown in shade
Casing	Galvanized / Stainless Steel

Global network at your service

Our international sales team is at your service and provides you with customized engineered solutions to help improve your operations through our technical capabilities and knowledge

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