

# Heat Exchanger

## Features

- ❖ All sizes, shapes, capacities, circuit patterns fin/tube configurations
- ❖ Its novel and unique in design with high thermal efficiency, high flow rate, superb quality and effective heating, convenient to fit and seal
- ❖ Custom built to your specifications and designed to meet your application requirements

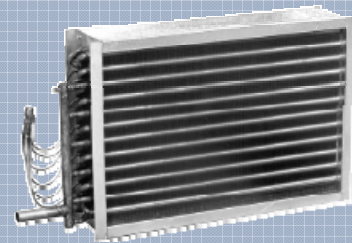
## Application

- ❖ Refrigerator, freezer and water cooler factories
- ❖ Public dehumidifier, ice machine, drinking machine, vehicle-using air condition, central air condition, household-using air condition, etc
- ❖ Alcohol processing, chemical processing, or distillation and food processing facilities.

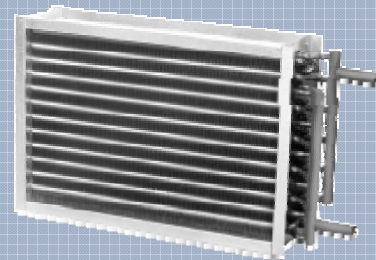
## Specification

Coil Components	Condenser & Evaporator Coil Construction
Tubes	7mm, 5/16", 3/8", 1/2", 5/8" OD copper or aluminum; 7mm, 9.52mm OD stainless or carbon steel
Tube Thickness	.016", .020", 0.7mm(3/8" OD stainless or carbon steel)
Fins	Aluminum or copper
Fin Thickness	.006", .008", .010"
Casing	Galv, steel, stainless steel, aluminum, copper
Rows	2 through 12
Connections	Copper SWT, MPT. Or Flanged, Venturi distributor, Manifolds
Fin Surface	Corrugated , flat or louvered

### Evaporator Coil Construction



### Condenser Coil Construction



## Basic Concept

- Evaporators convert materials from a liquid to a gaseous state.
- Condensers are refrigeration devices that liquefy refrigerant for use in the system.
- Heat exchange for gasification of liquid refrigerant and liquefaction of gaseous refrigerant during heat absorption and heat generation in the refrigerating system.
- There are generally two types of condensers, fin type condenser (fan cool) and tube type condenser (fan cool).
- Its novel and unique in design with high thermal efficiency, high flow rate, superb quality and effective heating, convenient to fit and seal

**TELCO MOTION**

**(281)855-2218**

9812 Whithorn Drive • Houston • TX • 77095

[motors@telcointercon.com](mailto:motors@telcointercon.com)

[www.telcointercon.com](http://www.telcointercon.com)

**TELCO** *Motion*<sup>™</sup>  
POWERING YOUR DESIGN