



 **Coilmaster**  
CORPORATION  
Reliability in Heat Transfer Products Since 1999



# COILMASTER CORPORATION

Coilmaster Corporation is a custom coil manufacturer located near Memphis, TN. Jimmy German and Paul Grider have led the company since originally founding it in 1999. Their ongoing investment in the people and processes has allowed Coilmaster Corporation to continuously improve and deliver value to the marketplace, securing the future of our employees and business partnerships. Our culture at Coilmaster Corporation is customer driven. Our employees take pride in working together as one team and being accountable to our customers' needs. We look forward to getting to know your company and discovering ways we can serve you.

## ENGINEERING AND TESTING

We offer a state-of-the-art laboratory and analytical tools. Our 20-ton environmental chamber is capable of testing water, steam, evaporator and condenser coils. Our proprietary software, VirtuaLab offers nearly unlimited possibilities for simulating vapor compression systems as well as detailed tube-by-tube coil performance modeling.

## RESOURCES

CoilSuite coil selection software, a Coilmaster Corporation resource offered exclusively to our customers, is a comprehensive and user-friendly coil selection program. With this tool you can be assured that you will get the most cost effective solution for your required application. We also offer customized engineering, digital prototyping, on site measurements and 24 hour emergency shipments.

## CERTIFICATIONS



UL 207 – Underwriter's Laboratories



Intertek – ETL Semko



AHRI – Air Conditioning, Heating and Refrigeration Institute:



ASHRAE ARI-410  
Air Conditioning & Refrigeration Institute  
coils within the scope of ARI Std 410



## PRODUCTS

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### CUSTOM COILS - OEM AND REPLACEMENT:

Fluid  
Booster  
Direct expansion / Evaporator  
Condenser / Heat reclaim  
Standard steam  
Steam distributing  
Insulated cabinets with drain pans

### REMOTE AIR COOLED CONDENSERS AND FLUID COOLERS:

0.5 HP motors with 22" fans  
1.5 HP motors with 30" fans  
Any tube size available with full control packages  
1 to 14 fan units  
Condenser capacity of 2 to 240 tons  
Fluid coolers for heat rejection or free cooling applications

### INDUSTRIES SERVED:

Pharmaceutical, health care, automotive, clean rooms, food processing, refrigerated warehouses, educational campuses, church campuses, wastewater treatment facilities, municipal facilities (public buildings), refineries, military and health research facilities, military bases and commissaries, power generation facilities, federal government buildings, process cooling, cruise and cargo ships



# CAPABILITIES

Tube Size	Tube Wall	Tube Stagger	Fin Corrugation	Fin Material	FPI Range
3/8"	0.014" 0.022"	1.00" x 0.866"	Sine Wave Louvered	0.0045" Aluminum 0.0060" Aluminum 0.0075" Aluminum 0.0045" Copper	8 - 22
3/8"	0.014" 0.022"	1.25" x 1.083"	Sine Wave	0.0060" Aluminum 0.0075" Aluminum 0.0100" Aluminum 0.0060" Copper	6 - 16
1/2"	0.016" 0.025"	1.25" x 1.083"	Flat V-Waffle Sine Wave	0.0060" Aluminum 0.0075" Aluminum 0.0100" Aluminum 0.0060" Copper	6 - 16
5/8"	0.020" 0.025" 0.035" 0.049"	1.50" x 1.299"	Flat V-Waffle Sine Wave	0.0060" Aluminum 0.0075" Aluminum 0.0100" Aluminum 0.0060" Copper	4 - 14
1"	0.035" 0.049"	3.00" x 2.125"	Sine Wave	0.0075" Aluminum 0.0100" Aluminum 0.0075" Copper	4 - 14

**CONNECTION MATERIALS/TYPE:**

Copper Sweat, MPT, FPT  
Carbon Steel MPT, Grooved, Flanged  
Red Brass MPT, Grooved

**AVAILABLE COATINGS:**

Epoxy polymer (E-coat)  
Heresite  
Hydrophilic

**CASING STYLES:**

Stackable Flanges  
Non-stacking Flanges  
Inverted Flanges  
Pitched (for vertical or horizontal airflow)  
Mounting holes

**CASING MATERIALS:**

G-90 Galvanized Steel  
304 Stainless Steel  
316/L Stainless Steel  
Mill Finish Aluminum  
Copper



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t: 901-877-3333 | f: 901-877-3335 | coilmastercorp.com | sales@coilmastercorp.com  
440 Industrial Drive Moscow, TN 38057