COIL COMPANY

HEAT EXCHANGE | AIR HANDLING

PRODUCTS & SERVICE

Replacement Coils | Fan Coil Units | Belt Drive Units
Modular Air Handlers | Fluid Coolers Remote Condensers

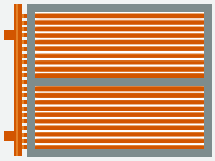
- Unmatched Quality
- Amazing Customer Service
- Exceptionally Fast Shipping

CUSTOM AND OEM REPLACEMENT

COMMERCIAL HVAC COILS

COIL COMPANY

HEAT EXCHANGE | AIR HANDLING

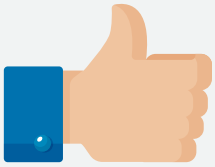


EXISTING COIL REPLACEMENT

Coil Company can help with replacement of all major OEM manufactured coils, including, but not limited to: Carrier, Trane, McQuay, York, Heatcraft, Aerofin, American - Standard, Bohn, Colmac, Marlo, and more.

QUICK SHIPMENT

We have decades of design and manufacturing experience in the coil and air handling business, and we can get you the products you need fast. The Coil Company Quick Ship Program will guarantee you can meet deadlines. Most coils can be built on our five or ten working day expedited schedule. In emergencies, some coils can be built in as little as one day.



UNMATCHED QUALITY

We have found a way to quickly and effectively recreate coils and pride ourselves in being able to complete the jobs that others won't touch. We will always take the time to look at the whole problem so that you don't replace equipment without having a true understanding of why the original might have failed and what can be provided in replacement to increase longevity.

PROTECTIVE COATING

We use "Fin-KOTE", an 8th generation E-Coat designed for extreme environments. This coating has a high-edge build for improved life, high flexibility for bending and improved handling, and corrosion protection. Immersion E-Coat provides a complete, uniform coating, even in corners, on edges, and in hard to reach spaces. The applied coating contains very little water, which virtually eliminates runs or sags, allowing parts to be handled almost immediately.

REPLACEMENT COILS FOR EVERY INDUSTRY

Whether you need replacement coils for an existing HVAC/Heat exchange system or a totally new design, we have the expertise and the equipment to meet your needs. Our cutting- edge coil sizing/selection program is the most intuitive and "easy to use" sizing software in the industry. Our software quickly generates performance charts and drawings to match your specification needs! Standard and custom designs available.

Have any questions or need any additional information? Contact us today at 800.523.7590 - We are here to help!

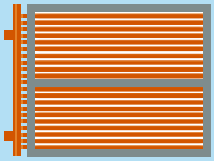
Coil Company | Coil Company, P.O. Box 84 Thornton, PA 19373 | Visit us Online at www.coilcompany.com

CUSTOM AND OEM REPLACEMENT

PRODUCT OVERVIEW

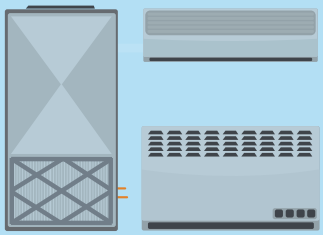
COIL COMPANY

HEAT EXCHANGE | AIR HANDLING



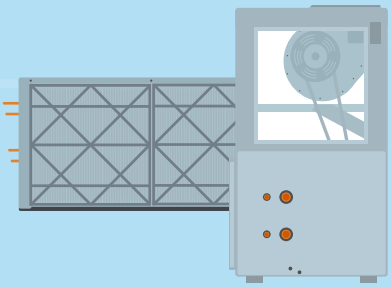
WATER, STEAM & REFRIGERANT

We offer 5/8", 1/2", and 3/8" OD water, steam, and refrigerant coils. We also offer 1" OD steam coils that can be built to meet almost any deadline. The make and model number are often all you need to get a quick quote.



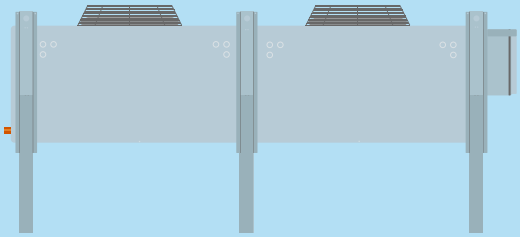
VERTICAL & HORIZONTAL FAN COIL

These vertical/horizontal fan coils, ceiling, wall, and room-mounted units can be designed to meet any requirement. Special control systems or valve packages are available.



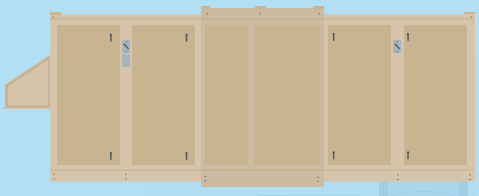
BELT DRIVE AIR HANDLING

Commercial/light industrial belt drive indoor air handlers from 2 to 20 tons, chilled water or refrigerant cooling, are available. Options include; hot water or steam heating, mixing box, and discharge grills.



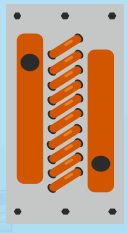
AIR COOLED CONDENSERS & FLU-

For sizing and ultimate performance of these units you need a quality engineer with access to a line of units that can match your requirements while saving size, weight, and money for the entire life of the unit.



MODULAR AIR HANDLING

Our extensive modular central station unit line includes double wall units, horizontal, vertical, or blow-through designs, and many accessories. These indoor and outdoor Central Station Air Handling Units can be shipped in sections to ensure easy transportation and installation.



INDUSTRIAL & PROCESS COILS

We offer Industrial Heating, Cooling, and Process Coils in all types of arrangements and constructions to meet your requirements. Included are; cleanable tubes, fabricated headers, removable cores, and air-tight casings. Materials include: cupro-nickel, carbon steel, stainless steel, and a selection of industrial coatings made for high temperatures, high pressure, and corrosive applications.

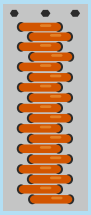
FLUID COILS

CUSTOM AND OEM REPLACEMENT

AHRI CERTIFICATION

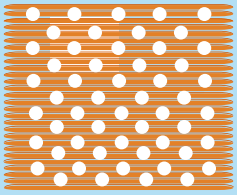
All of Coil Company's water coils are designed with 1/2" or 5/8" tubes and are performance certified with the AHRI symbol (if you can include the symbol). Any coils that fall outside the scope of AHRI Standard, or the manufacturer's rating program are acceptable due to the manufacturer being a member of the AHRI coil certification program. All coils are rated in accordance with the AHRI Standard 410.

COIL TUBES



Tubes and return bends shall be constructed from seamless UNS C12200 copper conforming to ASTM B75 and ASTM B743. Properties shall be O50 light annealed, with a maximum grain size of 0.040mm. Tubes are to be mechanically expanded into plate fins for maximum heat transfer.

COIL FINS

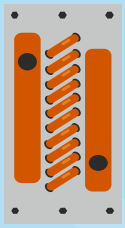


Secondary surface fins are of the plate-fin design using aluminum or copper, with die-formed collars. The fin, design for 5/8" & 1/2" O.D. tubes is to be flat waffle, or sinewave in a staggered tube pattern to meet performance requirements. The fin design for 3/8" O.D. tubes are flat, louvered, or sinewave in a staggered tube pattern to meet performance requirements. The collars hold fin spacing at a specified density and cover the entire tube surface. Aluminum properties are to be Alloy 1100 per ASTM B209, with O (soft) temper; copper is to be Alloy 11000 per ASTM B152-06 with soft (anneal) temper. Fins are to be free of oils and oxidations.

PRESSURE TESTING

Coils are tested at 550 PSIG using dry nitrogen, submerged under water. The coils are verified leak-free via dual-operator verification. Coils are certified to withstand 750 PSIG working pressure and guaranteed up to 200° F working temperature. Coils are shipped with nitrogen charge to verify leak-free integrity and to prevent moisture migration into the coil.

COIL HEADERS



Standard headers are constructed of seamless UNS C12200, Type-L-copper material sized to match specified connection size. The headers have finished integral spin-closed ends designed to withstand test pressure, and 1/4" vents and drains are provided for all fluid coils unless otherwise specified.

COIL CASING

Coil casing material are of G90-galvanized steel, 16-gauge minimum. Heavier gauge and optional material casings are available as required. Intermediate tube supports are to be provided on all coils 50" fin length or longer. Coil casings on top and bottom of coils have double-flange construction, allowing for vertical stacking of coils.

FLUID COILS

MATERIAL	STANDARD	OPTIONAL
Fin	Aluminum	Copper, Stainless Steel
Casing	16-Ga. Galv. Steel	12,14, and 18-Ga. Galv. Steel 12, 14, and 16-Ga. 304 & 316 Stainless Steel 14 Ga. Aluminum
Connection	Copper	Steel, Red Brass
Tube	Copper	Stainless Steel, Cupro Nickel, Carbon Steel
Header	Copper	Stainless Steel, Cupro Nickel, Carbon Steel

FLUID COILS

TUBE	STANDARD	OPTIONAL	STANDARD	OPTIONAL
O.D.	WALL THICKNESS		FIN THICKNESS	
3/8"	.014"	.016" .022"	.006"	.0075"
1/2"	.016"	.025"	.006"	.0075" .010"
5/8"	.020"	.025" .035" .049"	.006"	.0075" .010"
*Products and specifications are subject to change without notice				

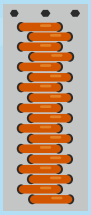
STEAM COILS

CUSTOM AND OEM REPLACEMENT

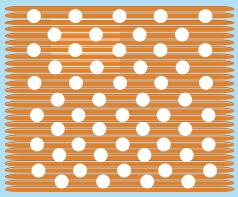
AHRI CERTIFICATION

All of Coil Company's water coils are designed with 1/2" or 5/8" tubes and are performance certified with the AHRI symbol (if you can include the symbol). Any coils that fall outside the scope of AHRI Standard, or the manufacturer's rating program are acceptable due to the manufacturer being a member of the AHRI coil certification program. All coils are rated in accordance with the AHRI Standard 410.

COIL TUBES



Tubes and return bends are constructed from seamless UNS C12200 copper conforming to ASTM B75 and ASTM B743. Properties are O50 light annealed, with a maximum grain size of 0.040mm. The tubes are mechanically expanded into plate fins for maximum heat transfer. Minimum wall thickness: .025 for performance longevity.

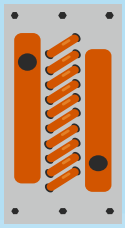


COIL FINS

Secondary surface fins are of the plate-fin design, using aluminum or copper, with die-formed collars. The fin design is to be flat, waffle, or sine-wave in a staggered tube pattern to meet performance requirements. Fins are to be free of oils and oxidations. Collars will hold fin spacing at specified density and cover the entire tube surface. The aluminum properties are Alloy 1100 per ASTM B209, with O (soft) temper. The copper is Alloy 11000 per ASTM B152-06 with soft (anneal) temper. The fins are free of oils and oxidations.

PRESSURE TESTING

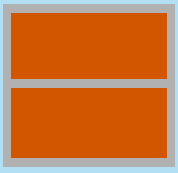
The coils are tested at 550 PSIG using dry nitrogen, submerged underwater, and dual-operator verification ensures that the coils are leak free. The coils are designed to withstand 150 PSIG saturated steam supply pressures via appropriate coil wall thickness, and guaranteed to up to 400 degrees F working temperature.



COIL HEADERS

Standard headers are constructed of seamless UNS C12200, Type-L-copper material sized to match specified connection size. All end closures are designed to withstand test pressure. Headers for steam distributing coils shall have die-formed end caps brazed on the inside of the headers. Headers for standard steam coils willhave finished integral spin-closed ends.

COIL CASING



Coil casing material are of G90-galvanized steel, 16-gauge minimum. Heavier gauge and optional material casings are available as required. Intermediate tube supports are to be provided on all coils 50" fin length or longer. Coil casings on top and bottom of coils have double-flange construction, allowing for vertical stacking of coils.

STEAM COILS

MATERIAL	STANDARD	OPTIONAL
Fin	Aluminum	Copper, Stainless Steel
Casing	16-Ga. Galv. Steel	12,14 and 18-Ga. Galv. Steel 12, 14 and 16-Ga. 304 & 316 Stainless Steel 14-Ga. Aluminum
Connection	Copper	Steel, Red Brass
Tube	Copper	Stainless Steel, Cupro Nickel, Carbon Steel
Header	Copper	Stainless Steel, Cupro Nickel, Carbon Steel

STEAM COILS

TUBE	STANDARD	OPTIONAL	STANDARD	
O.D.	WALL THICKNESS		FIN THICKNESS	
5/8"	.025"	.035" .049"	.006"	.0075" .010"
1" (SD ONLY)	.035"	.049"	.010"	N/A

Products and specifications are subject to change without notice.

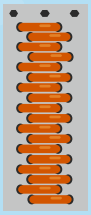
CONDENSER COILS

CUSTOM AND OEM REPLACEMENT

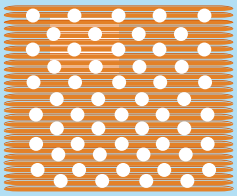
AHRI CERTIFICATION

Coils are UL recognized as Refrigerant Containing Component. Coils that are used with refrigerant R-410A have undergone cycle testing and are safely listed with 750 PSIG rating.

COIL TUBES



Tubes and return bends are constructed from seamless UNS C12200 copper conforming to ASTM B75 and ASTM B743. Properties are O50 light annealed, with a maximum grain size of 0.040mm. The tubes are mechanically expanded into plate fins for maximum heat transfer.

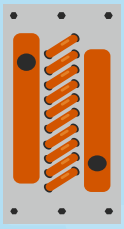


COIL FINS

Secondary surface fins are of the plate-fin design using aluminum or copper, with die-formed collars. The fin design is flat, waffle, or sine-wave in a staggered tube pattern to meet performance requirements. The fin design for 3/8 O.D. tubes is to be flat, louvered, or sinewave in a staggered tube pattern to meet performance requirements. Fins are free of oils and oxidations.

PRESSURE TESTING

Coils are tested at 550 PSIG using dry nitrogen, submerged under water. The coils are verified leak-free via dual-operator verification. Coils are certified to withstand 750 PSIG working pressure and guaranteed up to 200° F working temperature. Coils are shipped with nitrogen charge to verify leak-free integrity and to prevent moisture migration into the coil.



COIL HEADERS

Standard headers are constructed of seamless UNS C12200, Type-L-copper material sized to match specified connection size. Headers have finished integral spin-closed ends designed to withstand test pressure.

COIL CASING

Coil casing material are of G90-galvanized steel, 16-gauge minimum. Heavier gauge and optional material casings are available as required. Intermediate tube supports are to be provided on all coils 50" fin length or longer. Coil casings on top and bottom of coils have double-flange construction, allowing for vertical stacking of coils.

CONDENSER COILS

MATERIAL	STANDARD	OPTIONAL
Fin	Aluminum	Copper, Stainless Steel
Casing	16-Ga. Galv. Steel	12,14 and 18-Ga. Galv. Steel 12, 14 and 16-Ga. 304 & 316 Stainless Steel 14-Ga. Aluminum
Connection	Copper	N/A
Tube	Copper	N/A
Header	Copper	N/A

CONDENSER COILS

TUBE	STANDARD	OPTIONAL	STANDARD	OPTIONAL
O.D.	WALL THICKNESS		FIN THICKNESS	
3/8"	.014"	.016" .022"	.006"	.0075"
1/2"	.016"	.025"	.006"	.0075" .010"
5/8"	.020"	.025" .035" .049"	.006"	.0075" .010"

Products and specifications are subject to change without notice

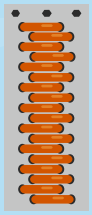
EVAPORATOR COILS

CUSTOM AND OEM REPLACEMENT

AHRI CERTIFICATION

Coils shall be UL recognized as Refrigerant Containing Component. Coils that are to be used with refrigerant R-410A shall have undergone cycle testing and shall be safely listed with 750 PSIG rating.

COIL TUBES



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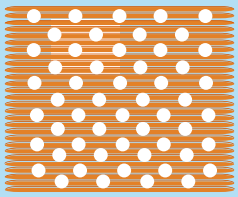
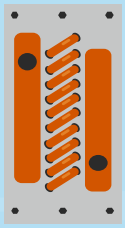
COIL FINS



Secondary surface fins are of the plate-fin design using aluminum or copper, with die-formed collars. The fin design for 5/8" & 1/2" O.D. tubes is to be flat, waffle, or sinewave in a staggered tube pattern to meet performance requirements. The fin design for 3/8" O.D. tubes is to be flat, louvered, or sinewave in a staggered tube pattern to meet performance requirements. Collars will hold fin spacing at specified density and cover the entire tube surface. Aluminum properties are to be Alloy 1100 per ASTM B209, with O (soft) temper; copper is to be Alloy 11000 per ASTM B152-06 with soft (anneal) temper. Fins are to be free of oils and oxidations.

PRESSURE TESTING

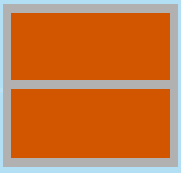
Coils are tested at 550 PSIG using dry nitrogen, submerged under water. The coils are verified leak-free via dual-operator verification. Coils are certified to withstand 750 PSIG working pressure and guaranteed up to 200° F working temperature. Coils are shipped with nitrogen charge to verify leak-free integrity and to prevent moisture migration into the coil.



COIL HEADERS

Standard headers are to be constructed of seamless UNS C12200, Type L copper material sized to match specified connection size. Headers are to have finished integral spin-closed ends designed to withstand test pressure.

COIL CASING



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EVAPORATOR COILS

MATERIAL	STANDARD	OPTIONAL
Fin	Aluminum	Copper
Casing	16-Ga. Galv. Steel	12,14 and 18-Ga. Galv. Steel 12, 14 and 16-Ga. 304 & 316 Stainless Steel 14-Ga. Aluminum
Connection	Copper	N/A
Tube	Copper	N/A
Header	Copper	N/A

EVAPORATOR COILS

TUBE	STANDARD	OPTIONAL	STANDARD	OPTIONAL
O.D.	WALL THICKNESS		FIN THICKNESS	
3/8"	.014"	.016" .022"	.006"	.0075"
1/2"	.016"	.025"	.006"	.0075" .010"
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Products and specifications are subject to change without notice				

CUSTOM AND OEM REPLACEMENT

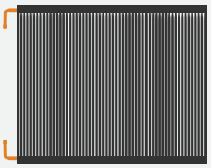
MICROCHANNEL COILS

COIL COMPANY

HEAT EXCHANGE | AIR HANDLING

PROTECTIVE COATING

We use "Fin-KOTE", an 8th generation E-Coat designed for extreme environments. This coating has a high-edge build for improved life, high flexibility for bending and improved handling, and corrosion protection. Immersion E-Coat provides a complete, uniform coating, even in corners, on edges, and in hard to reach spaces. The applied coating contains very little water, which virtually eliminates runs or sags, allowing parts to be handled almost immediately.



EXISTING COIL REPLACEMENT

Coil Company can help with replacement of all major OEM manufactured coils, including, but not limited to: Carrier, Trane, McQuay, York, Aaon, Advantix, Modine and more.

QUALITY & CRAFTSMANSHIP

Coil Company replacement coils are designed as an upgrade and improvement to the original manufacturer's heat exchangers (Microchannel or Fin/Tube type). While many OEM's use foreign made or "automotive" quality coils or thin wall fin/tube, Coil Company builds in longevity. The heat exchanger Upgrade feature is due to thicker tube walls, a more robust design to withstand thermal cycling and E-Coating to assure long life corrosion protection.

As a primary supplier to major HVAC & Refrigeration Original Equipment Manufacturers, Coil Company leads the industry in Microchannel Coil design, quality, and Customer Service.

UNMATCHED SERVICE

We have found a way to quickly and effectively recreate coils and pride ourselves in being able to complete the jobs that others won't touch. We will always take the time to look at the whole problem so that you don't replace equipment without having a true understanding of why the original might have failed and what can be provided in replacement to increase longevity.

Have any questions or need any additional information? Contact us today at 800.523.7590 - We are here to help!

Coil Company | Coil Company, P.O. Box 84 Thornton, PA 19373 | Visit us Online at www.coilcompany.com

CUSTOM AND OEM REPLACEMENT

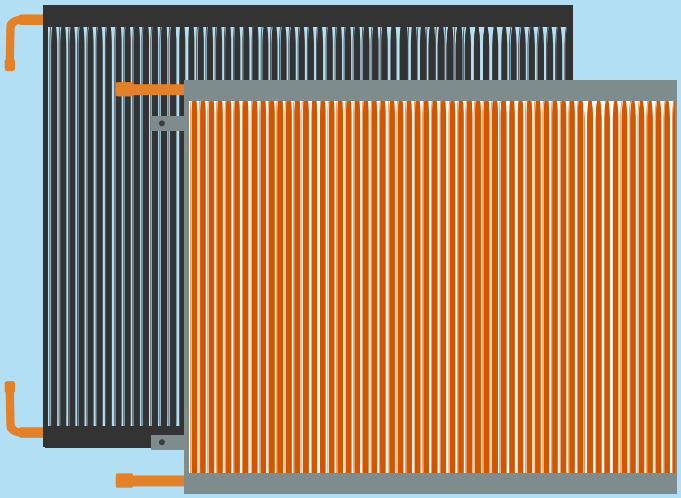
MICROCHANNEL COILS

MICROCHANNEL COILS STOCK & CUSTOM BUILT

Coil Company offers alternative replacement condenser coils for Aaon, Carrier, McQuay, Modine, Trane and York OEM units. These microchannel replacement coils are designed as near-perfect drop-in, with easy mount brackets, higher quality material, E-coating and a 5-year limited warranty.

KEY FEATURES

- USA Made – High Quality
- Proven Performance and Robust Design
- 100% Factory Leak Tested
- E-coating Protection Standard
- Thicker Tube Walls for Longer Service Life
- Low Flux Manufacturing Method – Provides Lower Corrosion Potential
- Available from Stock or 5-6 weeks
- Limited Five Year Warranty
- Low Refrigerant Pressure drop for improved performance



CUSTOM BUILT MODELS AVAILABLE

- Aaon RN030 & RN040
- Carrier RAP040
- Carrier RAP050 & RAP060
- Carrier 50P030
- McQuay RPS042
- McQuay RPS110
- York YC240 & YC300
- York ZF078 & ZF090
- York ZF120
- York J10ZF
- Modine MPR20 & MPR26
- Trane SAHL25

IN-STOCK MODELS AVAILABLE

- Carrier 30RB & Carrier 30XA
- York YLAA & York YVAA
- Advantix OA, DH, CC, PL & RS

Have any questions or need any additional information? Contact us today at 800.523.7590 - We are here to help!

Coil Company | Coil Company, P.O. Box 84 Thornton, PA 19373 | Visit us Online at www.coilcompany.com

NEW AND REPLACEMENT
SECTIONAL COILS

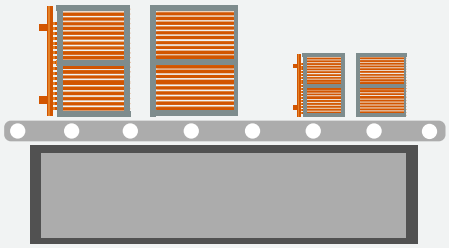
COIL COMPANY
HEAT EXCHANGE | AIR HANDLING

APPLICATION

The sectional coils from Coil Company are comprised of two or more sections connected by a gasketed junction plate. These coils are suitable for use with water, propylene glycol, or ethylene glycol. The coils are leak tested as a unit at Coil Company at a pressure of 150 PSIG. The maximum operating pressure recommended for these coils is 75 PSIG

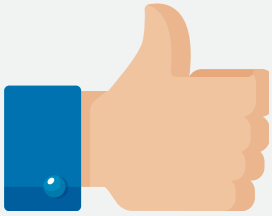
INSTALLATION

Sectional coil installation should follow the same guidelines as standard water or glycol coils with the restriction that the coil is installed level with the coil ends and each section junction firmly supported. Failure to adequately support the end or the junctions may result in leaks at the junction plates. If sectional coils are to be stacked then each individual coil will need to be adequately supported and the coil ends and the junction plates. It is important that the lower coils not carry the weight of the coils above.



ASSEMBLY

The sectional coils will ship from the plant fully assembled when possible. This is done to ensure no damage occurs to the tube extensions at the junctions, as well as, to keep contaminants from getting into the coil. Disassembly may be required at the job site.



TOTAL SATISFACTION

Coil Company will not settle for anything less than perfection. With every order protected by a warranty and backed by a team that guarantees expectations are met; our customers can rest easy knowing that they are working with the best in the business.

Whether you need replacement coils for an existing HVAC/Heat exchange system or a totally new design, we have the expertise and the equipment to meet your needs. Our cutting- edge coil sizing/selection program is the most intuitive and "easy to use" sizing software in the industry. Our software quickly generates performance charts and drawings to match your specification needs! Standard and custom designs available.

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NEW AND REPLACEMENT

SECTIONAL COILS

STANDARD SECTIONAL COIL

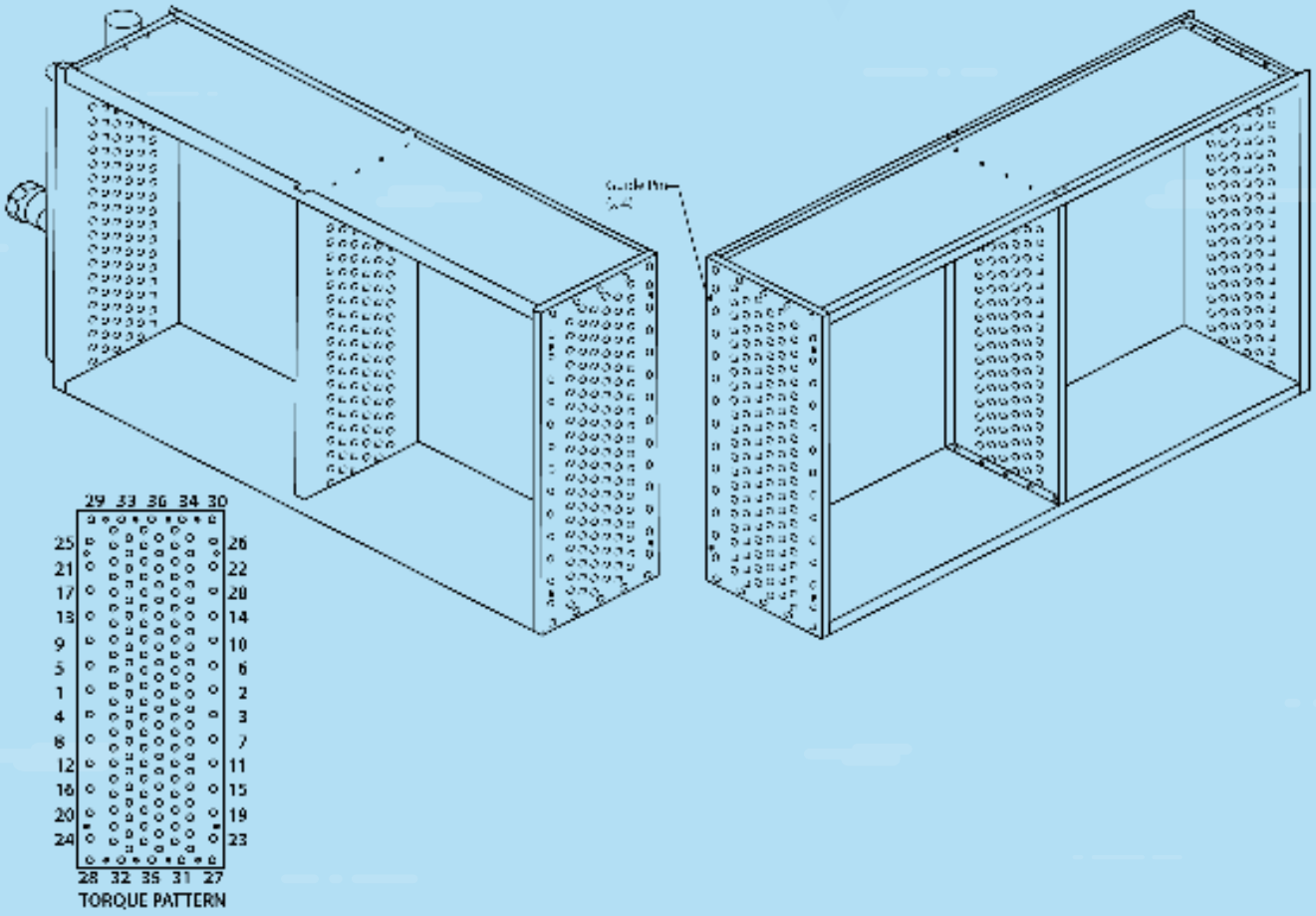

Figure 1 Representative Drawing of Sectional Coil Assembly With Torque Pattern

DESIGN SPECS

This design incorporates a front-header end and a back-return bend end that are sealed together in the middle of the length of coil. Essentially, this gives two sections that are about half the length of the original coil. There are matching tube sheets at one end of both pieces, as well as gaskets, that allow for a fluid-tight connection where the two sections meet.

CUSTOM AND OEM REPLACEMENT

COIL COATING

FinKOTE2
Premium Solution for Corrosion Protection

COIL COMPANY
HEAT EXCHANGE | AIR HANDLING

PRETREATMENT

Parts are cleaned and pretreated with a conversion coating to prepare the parts for electro-coating. This process guarentees a perfect final coat that is able to withstand corrosive environments where conventional coils would breakdown and fail.

ELECTRO-COAT

Direct current is applied between the parts and an electrode. Paint is attracted by the electric field to the part where the current is deposited. This process allows for a durable and longer lasting bond that is optimal for areas that are unable to be painted conventionally.

CURE

Paint is thermally cross-linked and cured to the surface. Our curing process allows for a total dry and hardened exterior in a short period of time. With the heat application and curing process you can rest assured that your coating will provide adequate protection and increase longevity.

RECOVERY

Every coil and all its parts are rinsed to reclaim deposited paint solids, ensuring a perfect coating with no leftover residue or product waist. Any debris or foreign material could effect performance and result in possible system failure. Perfection and complete customer satisfaction is our number one priority.

FinKote2 is the premium coating system for the HVAC industry. Years of ineffectual coatings in the HVAC market prompted the development of FinKote as a way to address those shortcomings. Finkote is a high edge build e-coating system that effectively coats both microchannel and tube and fin coils in AC units. Aluminum, copper, and steel coils can now be protected from corrosion, particularly in cases of high UV exposure, coastal installations, and offshore projects — anywhere with a highly abrasive environment that will cause premature wear on coils. FinKote2 is the most advanced currently available e-coat system in the HVAC industry.

FinKote2 now includes a standard 6 Year Warranty!

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CUSTOM AND OEM REPLACEMENT

COIL COATING

COIL COMPANY

HEAT EXCHANGE | AIR HANDLING

FinKOTE2

Premium Solution for Corrosion Protection

FinKOTE2 PERFORMANCE TESTING

TEST	SPECIFICATION	RESULTS
SWAAT run to fail	ASTM G85 A3	289 Days (6936 hrs)
30 Day SWAAT + Adhesion	ASTM G85 A3, ASTM D3359	Pass, 4B
2400 hr Cyclic corrosion + Burst	ASTM G85 A2	Pass, 2100 psi
Water resistance	ASTM D870-09	Pass, 260 hrs, no flaking or chipping
Chipping resistance	ASTM D3170	Pass, 7A
Steam resistance	ASTM D714	Pass, 48 hr, #6 or better
Humidity resistance	ASTM D2247	Pass, 600 hrs, no blistering or gloss loss
UV & QUV resistance	ASTM G53-88, D4587, D523	1000 hrs, no loss
Chemical resistance		48 hr immersion resistant to over 200+ chemicals
Heat transfer		<3%
Thickenss	ASTM 376	.8 - 1.2 mil (E-COAT) 1.8 - 4 mil (total)
Flexibility	ATSM D4145, ATSM 522	2T, 5/8" mandrel
Impact resistance	ASTM D2794-93	120 in. lbs, no cracking or chipping
Adhesion	ASTM 3359	5B

ADDITIONAL TOP - COATS AVAILABLE :

FinKOTE Zx

Extreme Environment Coating Systems

FinKOTE Rx

Advanced Anti-Microbial Protection

CUSTOM AND OEM REPLACEMENT

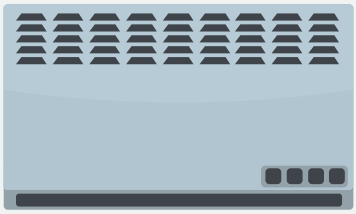
DIRECT DRIVE HORIZONTAL & VERTICAL FAN COIL

COIL COMPANY

HEAT EXCHANGE | AIR HANDLING

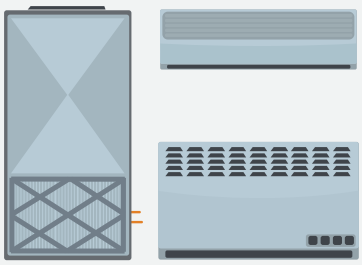
HORIOZONTAL FAN COIL

These affordable, compact units are perfect for installation in hotels, apartments, schools, and other multi-office buildings as they take up minimal space, offering a quiet operation and simplified maintenance. Offered in a variety of designs including low silhouette styling, telescoping frames, and exposed or concealed units with removable access panels. High-static models also available.



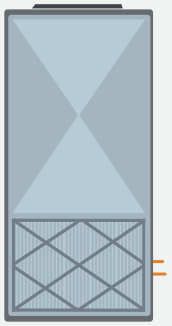
VERTICAL FAN COIL

Vertical units are easily installed and maintained and are great for heating and cooling in hospitals, office buildings, dormitories, hotels, and large industrial applications. They can be installed exposed or concealed with insulated removable access panels for sound control and easy maintenance.



ARRANGEMENTS

Paint is thermally cross-linked and cured to the surface. Our curing process allows for a total dry and hardened exterior in a short period of time. With the heat application and curing process you can rest assured that your coating will provide adequate protection and increase longevity.



VERTICAL - UTILITY/CLOSET

High-static, high performance, ducted vertical-cased units with a choice of bottom, front or rear return. These units are primarily used in vertical floor-mounted or hideaway applications. The unit is furred into partition walls or hidden in closets, utility rooms, and other concealed locations with a ducted discharge.

From design-build to large project retrofit, Coil Company has almost every type and size covered when it comes to direct-drive fan coil units. As one of most experienced manufacturers in the industry of the smaller, high demand units, we not only provide you with the broadest range of design options to suit your installation or exactly match a replacement, but we have your unit when you need it. Vertical and horizontal fan coils, ceiling, wall and room mounted units can be designed for most any need or requirement. Special control systems and valve packages included.

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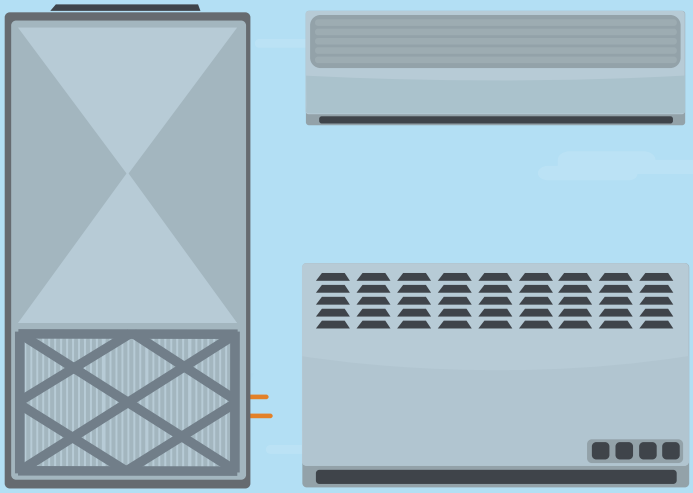
DIRECT DRIVE HORIZONTAL & VERTICAL FAN COIL

COMMON APPLICATIONS

- Hotels and Motels
- Apartments
- Condominiums
- Hospitals & Health Facilities
- College Dormitories
- Classrooms
- Closets and Utility Rooms

STANDARD FEATURES

- Heavy-gauge galvanized steel cabinet insulated with 1/2" thick neoprene-coated fiberglass
- 1/2" O.D. coils with copper tube and aluminum fins
- Drain pan is powder-coated epoxy with a 1/8" thick closed-cell insulation with primary and secondary drain connections
- Coils are 100% underwater pressure tested to 350 PSI with a 300 PSI working pressure
- Three speed, 115/1/60 PSC motor with quick-connect plug



- Controls and motors are factory-wired and terminated in a junction box for single-point power supply
- One-inch fiberglass, throwaway filter
- Individually tagged, crated and shipped as scheduled for installation
- ETL and AHRI certified

CUSTOM OPTIONS

INDOOR AND OUTDOOR UNITS

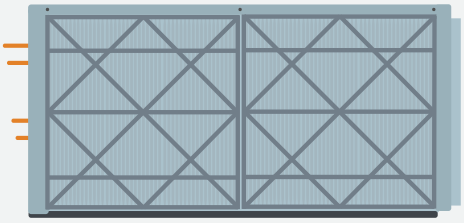
Soft-white, powder-coated epoxy cabinet	Cabinet – Deluxe, Front-Discharge, Flush, Recessed and custom colors	Different Grilles Patterns
Drain pans – stainless-steel, and double-wall	Controls – wide selection of factory-mounted valves and controls	ECM Motors
Insulation – fiberglass, foil-face, elastomeric and double-wall (solid and perforated) in ½" and 1" thicknesses	Mixing Boxes	Ultraviolet Lights
Coils – copper fins/tubes, phenolic-coated, stainless-steel end plates	Filters – 2" thick throwaway, washable and metallic	Slope top and low boy design
Systems – Two or four-pipe; Hydronic cooling/heating, Steam, Direct-expansion (DX) and/or Electric Heat	Electric Strip Heat from 1 to 9 kW	

CUSTOM AND OEM REPLACEMENT

BELT DRIVE HORIZONTAL & VERTICAL FAN COIL

COIL COMPANY

HEAT EXCHANGE | AIR HANDLING

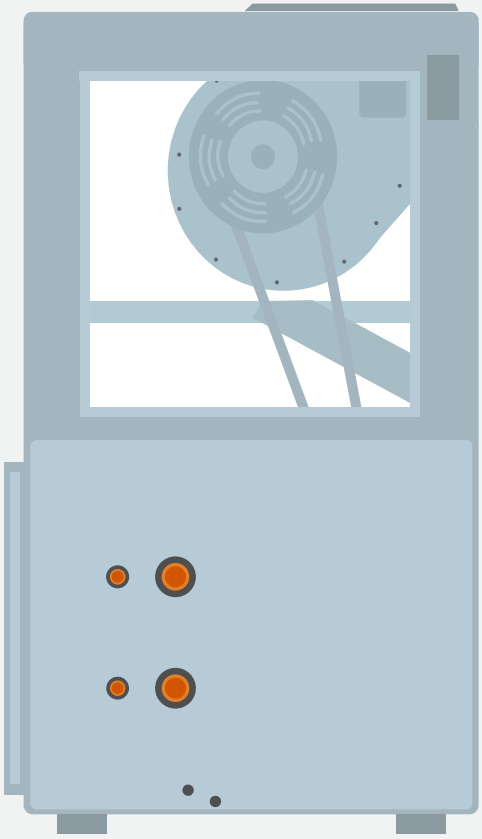


HORIZONTAL & VERTICAL

The horizontal and vertical belt drive units offer an economical, well-constructed, and efficient alternative to a larger, more expensive central-station air handler. These draw-through designs are available for indoor applications and are equipped with blowers that can handle high static applications. Multiple designs are available for both concealed and exposed units with access doors on both sides, for easy maintenance and cleaning.

QUICK SHIPMENT

We have decades of design and manufacturing experience in the coil and air handling business, We provide you with your products fast. The Coil Company quick Ship Program will guarantee you can meet deadlines. Our Belt-Drive Air Handling Units come with standard shipping of seven to 12 weeks with expedited shipments of two, four, and six weeks. Availability is limited based on design, size, and materials.



UNIT TYPES

- Light to medium-duty
- Up to 1.5" external static pressure
- Ranging from 800 to 12,000 cfm (2 – 30 tons)
- Two or four-pipe, Hydronic cooling/heating, Steam, Direct-Expansion (DX) and/or Electric Heat
- Galvanized steel or painted cabinets
- Horizontal or vertical configurations

When the application calls for cooling capacities or external static pressures that cannot be met with standard, high-performance direct-drive fan coil units, or large central-station units, the belt-drive air handlers are the perfect economical fit. They are great for straight forward hroizontal or vertical applications with a simple design.If the space requires less than 1.5" of external sstatic pressure for the fan or the ductwork, the belt-driven air handler fits the bill.

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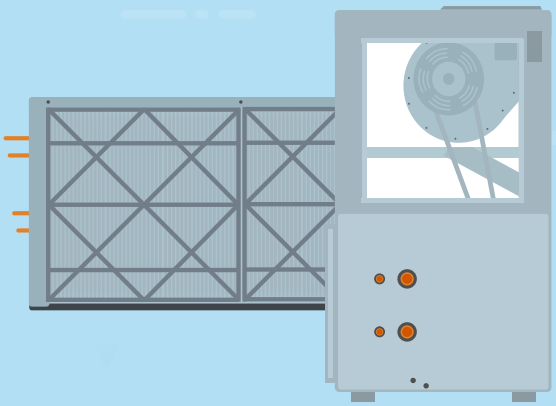
BELT DRIVE HORIZONTAL & VERTICAL FAN COIL

COMMON APPLICATIONS

- Hotels
- Apartments
- Condominiums
- Office Buildings
- Military Locations
- Government Facilities
- Schools & Universities
- Shopping Centers
- Pharmaceutical Centers
- Industrial



STANDARD FEATURES

- Heavy-gauge galvanized steel cabinet insulated with 1/2" thick neoprene-coated fiberglass
- 1/2" O.D. coils with copper tube and aluminum fins
- Drain pan is powder-coated epoxy with a 1/8" thick closed-cell insulation with primary and secondary drain connections
- Coils are 100% underwater pressure tested to 350 PSI with a 300 PSI working pressure
- Controls and motors are factory-wired and terminated in a junction box for single-point power supply
- Two-inch, throwaway filter
- Individually tagged, packaged and shipped as scheduled for installation
- ETL and AHRI certified
- Belt-driven, draw-through design with forward-curved and dynamiclally balanced blowers

CUSTOM OPTIONS

INDOOR AND OUTDOOR UNITS

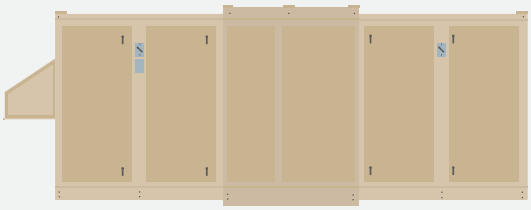
Soft-white, powder-coated epoxy cabinet	Cabinet – deluxe, weatherproof, double wall and Top or Bottom Supply	Different grille patterns
Drain pans – stainless-steel, and double-wall	Controls – wide selection of factory-mounted valves and controls	Motors – severe-duty, high-temp, ODP, TEFC; 115, 208, 230, 277, 460, 575 voltages
Insulation – fiberglass, foil-face, elastomeric and double-wall (solid and perforated) in ½" or 1" thickness	Mixing boxes - with dampers, modulation and three position econmizers	Ultraviolet lights
Coils – copper fins/tubes, phenolic-coated, stainless-steel end plates	Filters – washable, metallic and V-bank	Custom paint
Systems – two or four-pipe; hydronic cooling/heating, steam, direct-expansion (DX) and/or electric heat	Electric resistant heaters from 1 to 65kW	Condensate float switch Condensate pups

NEW AND REPLACEMENT

MODULAR AIR HANDLING

COIL COMPANY

HEAT EXCHANGE | AIR HANDLING

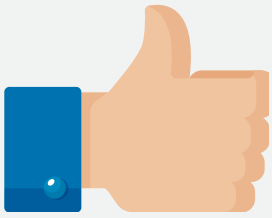


UNIT TYPES

- Ranging from 1,500 to 50,000 cfm
- Blow-Through, Draw-Through, Cooling and Heating Only, Ventilation Only, and Multizone
- Indoor & Outdoor Units
- Medium to Heavy Duty
- Standard Double Wall

QUICK SHIP-

We have decades of design and manufacturing experience in the coil & air handling business. We provide you with your products fast. The Coil Company Quick Ship Program will guarantee you can meet deadlines. Standard Ship: 7-12 weeks Expedited Ship: 2-3 & 4-5 weeks (availability limited, based on design, size, and materials)



UNMATCHED QUALITY

Coil Compnay will not settle for anything less than perfection. With every order protected by a warranty and backed by a team that guarantees your expectations are met; you can rest easy knowing that you're working with the best in the business.

Coil Company has been an industry leader in building air handlers for replacement and add-on applications for decades. We bring a proven unit design and the newest technology to deal with the special requirements of the existing facility. Matching existing footprints, shipment, and job site breakdown allows even the tightest units to be replaced. Many times an antiquated design can be replaced rather than refurbishing the existing one. Coil Company can create the perfect fit.

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NEW AND REPLACEMENT

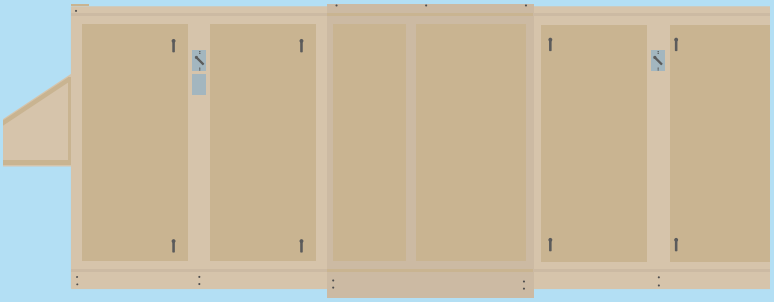
MODULAR AIR HANDLING

COMMON APPLICATIONS

- Hospitals
- Government Facilities
- Office Buildings
- Schools
- Supermarkets
- Power Plants
- Warehouses
- Retail Centers

STANDARD FEATURES

- Custom Modular Design
- Double-Wall Construction
- Lightweight Foam-Injected Panels
- Preheat Coil Access Between Coils
- Extended Coil Connections
- Easy Access to Fan/ Motor and Drive
- Gasketed Frame Channel Construction
- Low-Leak Dampers
- Double-Slope Drain Pans



CUSTOM OPTIONS

INDOOR & OUTDOOR UNITS

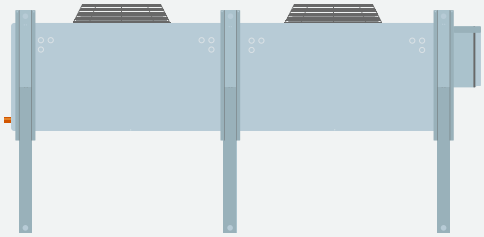
Variable incremental feature for flexible cabinet sizing	Integral face bypass dampers	Galvanized or painted cabinet
Multiple section depths	Energy recovery sections	Variable base rail heights
Various casing and drain pan materials	Flushed-mounted filter gauge	Electric heaters
Mixing boxes / economizers	Hinged access doors with full grip handles	Ultra violet lights
Sound attenuators	Starters and inverters (VFDs)	Multiple face areas per unit
Multiple blower options	Humidifier manifold	Multiple section, curb-ready base
Filters in side load and or / front-loading configurations	Sections to accommodate special components	Single piece, utilized curb-ready base
HEPA filters in final location	Disconnect switches	Variable height roof curbs
Gas-phase filtration	Blenders and air mixers	Variable depth piping vestibules

NEW AND AFTERMARKET

FLUID COOLERS AND REMOTE AIR COOLED CONDENSERS

COIL COMPANY

HEAT EXCHANGE | AIR HANDLING



UNIT TYPES

- Horizontal & Vertical Series
- Inline & Double Fan Configurations
- 1 to 14 Fan Sizes
- Direct Drive
- Galvanized Steel Construction (G90 Frame & Cabinet)

APPLICATIONS

- Supermarkets
- Commercial Refrigeration Warehouse/ Distribution
- Power Plants
- Air Conditioning Systems

QUICK SHIPMENT

We have decades of design and manufacturing experience in the coil and air handling business. We provide you with your products fast. The Coil Company Quick Ship Program will guarantee you can meet deadlines.
Standard Ship: 4-5 weeks Expedited Ship: 1-2 weeks (availability limited based on design, size, and materials)

Our fluid coolers and remote air-cooled condenser line of horizontal and vertical units have been designed to meet the needs of the new installation market while having various options for the replacement market. The environment and application should be considered to ensure the appropriate cooler or condenser unit is installed. We have alternative materials for casings and frames with unlimited coil options to include corrosive resistant coatings.

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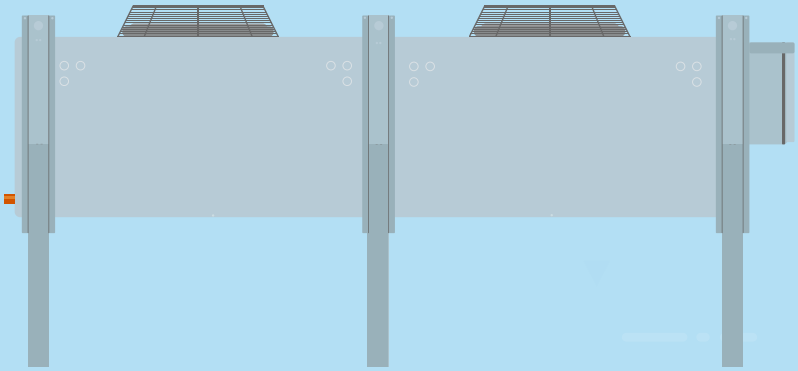
NEW AND AFTERMARKET

FLUID COOLERS AND REMOTE AIR COOLED CONDENSERS



STANDARD FEATURES

- 3/8" and 1/2" O.D. copper tubes with aluminum fins
- 5/8" O.D. copper tubes also available for fluid coolers
- Two section manifolding for dual fan width units
- ETL listed
- High efficiency aluminum fan blades and welded steel hubs
- TEAO VFD compatible low RPM motors
- 12 - gauge motor rails
- NEMA 3R weatherproofing enclosure with easy access
- Units tested at 550 PSIG remote condensers tested with nitrogen charge and shipped with nitrogen holding charge
- Fully baffled fan sections
- Venturi - formed panels for optimum air flow

OPTIONAL FEATURES

(Some features apply to remote condensers only)

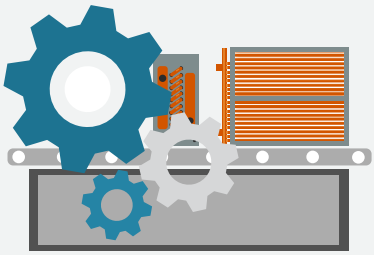
Variable fin per inch selection aimed at cleanability and higher efficiency	Control terminal blocks
Numerous multi-circuit and sub-cooling capability	Heavy duty tube and fin construction
Head pressure or ambient temperature fan cycling controls	Baked on corrosion resistant coatings
Individual or paired motor fusing	Polyester coated fin stock
Fused / Non-fused disconnect switch	Stainless steel cabinet
24V or 120V Control Circuits	Extended height legs for better ground clearance

SHIPPING SCHEDULES

COIL COMPANY
HEAT EXCHANGE | AIR HANDLING

CUSTOM PRODUCT

Whatever your coil needs, we can build it! At Coil Company we pride ourselves in being the oldest and largest replacement business in the industry. Our staff of experts have decades of custom coil and HVAC experience that has helped customers get their new or existing HVAC systems up and running faster than our competition.

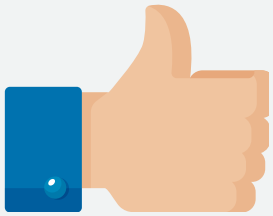


EXPEDITED PRODUCTION

The equipment we build is specially made to meet your exact engineering requirements, but we also understand time critical projects require quick turn around. Our expedited production program allows us to offer coil shipments in as little as 10, 5, 3 and 1 working days guaranteed.

FAST SHIPPING

Being one of the oldest companies in the industry has its perks. If you have a tight deadline and time is of the essence - we can deliver. We are able to meet the toughest deadlines while maintaining a quality that is unmatched by any other.



TOTAL SATISFACTION

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SHIPPING SCHEDULES

COIL COMPANY
HEAT EXCHANGE | AIR HANDLING

- The Products You Need Tailored To Your Specs and Shipped When you Need Them
- System and Coil Failure Analysis
- Extensive OEM Designs
- Modular Air Handling Unit Easy Install
- Perfect Retrofit For Todays Air Handling
- All Central Station Air Handlers Available Shipped in Sections
- Warranty Protected and Satisfaction Guaranteed
- Made to Your Order
- Tracking Available
- Premium Shipping

SHIPPING SCHEDULES

EQUIPMENT	DESCRIPTION	STANDARD SHIPMENT	EXPEDITED SHIPMENT
Duct Booster Hot Water Coils	1/2", 5/8" Flanged Or Slip and Drive	3-5 Work Day (qty. up to 10) 2-3 Weeks (More than 10)	Request Availability
Insulated Coil Section with Integrated Drain Pan	Coil sections DX or Chilled Water Single or Double Wall	4-5 Weeks for Single Wall 8-10 Weeks for Double Wall	Request Availability
New and Replacement Steam, HW, CW, DX, and Condenser Coils	3/8", 1/2", 5/8" & 1" Copper Tube/ Alum/Copper Fin Galv./SS Casing	4 Weeks	5 & 10 Working Days (Check with Large Orders) 2 & 3 Work Day (Based on Materials in stock)
Industrial Coils	Aluminum, SS, Carbon Steel and Cupro Nickel	4-8 Weeks (Based on materials)	Request Availability
Coatings	"Fin-Kote" Electrocoating	Add 1-2 Weeks to Coil Shipments	Request Availability
Replacement Tube Bundles	U TUBE & Straight Tube, Steam Water, Water Water, Alt. Materials	Add 1-2 Weeks (Some alternative materials may add longer lead times)	Request Availability
Shell & Tube Heat Exchangers	U TUBE & Straight Tube, Steam Water, Water Water, Alt. Materials	Add 3-4 Weeks (Some alternative materials may add longer lead times)	Request Availability (Based on materials in stock)
Direct Drive Units - Fan Coil Units	Horizontal Ceiling Vertical Wall Concealed & Exposed	7-12 Weeks (Varies during year)	2-4 Weeks (Varies during year)
Direct Drive Fan Coil Units	Vertical Utility / Closet	7-12 Weeks (Varies during year)	2-4 Weeks (Varies during year)
Belt Drive Air Handling Units	Single Wall 600-12000 CFM Horizontal and Vertical	7-12 Weeks	2-4 Weeks (Availability limited based on size and materials)
Central Station Air Handling Units Indoor	Double Wall, Multi-Zone, Variable Sizing Horizontal & Vertical	7-12 Weeks (Varies during year)	2-3 Weeks 4-5 Weeks (Availability based on design, size & material)
Central Air Handling Units Outdoor	Double Wall Variable Sizing with or without curb	7-12 Weeks (Varies during year)	2-3 Weeks 4-5 Weeks (Availability based on design, size & material)
Fluid Coolers and Remote Air Cooled Condensers	Direct Drive Single Fan to 12 Fan Design	4-5 Weeks	Request Availability (Based on materials in stock)

COIL COMPANY

HEAT EXCHANGE | AIR HANDLING

Coil Company's mission is to provide our customers quality expertise in the replacement coil industry. Our experienced sales engineers are not interested in replacing a problem with another problem. Coils that fail prematurely have a reason. If we can find the reason, then most of the time we can offer an arrangement or alternative construction that provides more efficiency and longevity. When it comes to building coils for any application, Coil Company has the capability to meet your requirements. Our number one goal is for our customers to feel informed and reassured that they're in the right hands.

When Coil Company first started out , we saw a need for experts in the replacement and retrofit industry and wanted to provide a solution to that need. Over 50 years later, we are proud to say that we have found and perfected that solution. Since Coil Company first came to be; our products, marketing techniques, and technology have all adapted and changed, but one thing that has stayed the same is our commitment to helping our valued customers.

Have any questions or need any additional information? Contact us today at 800.523.7590 - We are here to help!

Coil Company | Coil Company, P.O. Box 84 Thornton, PA 19373 | Visit us Online at www.coilcompany.com