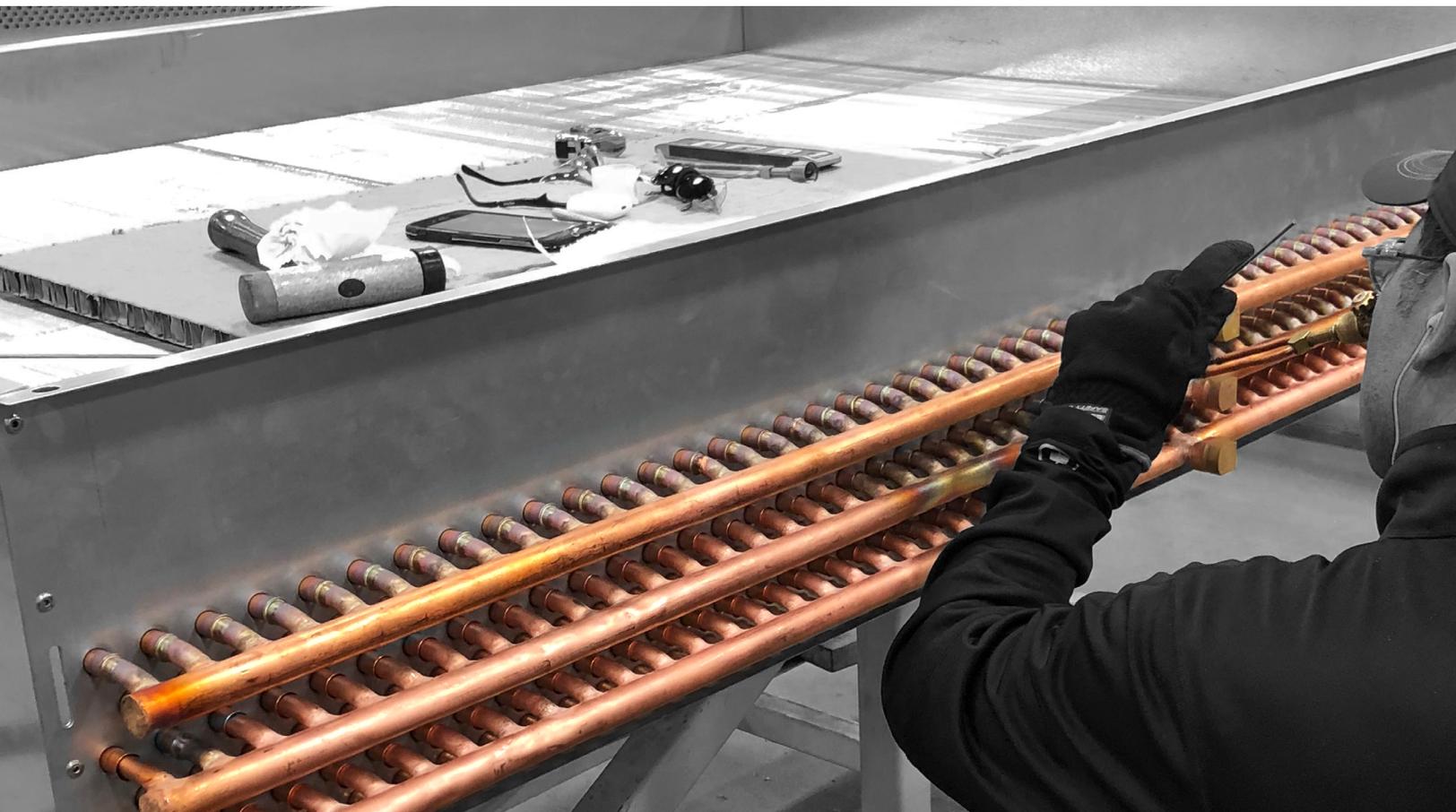




REPLACEMENT | CUSTOM | OEM

HVAC COILS



FORM | FIT | FUNCTION

 24/7 SITE VISITS	 ENGINEERING SUPPORT	 QUICK SHIP OPTIONS
------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------



FORM FIT FUNCTION GUARANTEE

Even beyond heating and cooling system parts, the most important service that we provide is our Form, Fit & Function Guarantee.

When we perform a site visit to personally troubleshoot a problem and specify a replacement part for your heating and cooling system, we guarantee that the equipment we provide will fit accurately and work perfectly. And that's a commitment that not many firms in our industry can make.



COONEY COIL & ENERGY | HVAC COIL OFFERINGS

SERVICES & CAPABILITIES



ON-SITE MEASUREMENTS

Our team offers site visits to personally troubleshoot issues with your HVAC system at no cost to you.

Plus, we stand by our measurements with our form, fit, function guarantee.



CUSTOM ENGINEERING

Facing challenges with system performance or in need of troubleshooting?

Our engineers and selection experts are here to help with any issue your project may be facing.



QUICK-SHIP PROGRAM

Have an emergency and need a coil fast? Cooney Coil has you covered with our quick-ship program.

Give us a call us at **(610) 783-1136** for expedite options and availability.

COILS

Coils is what we do! We have over a decade worth of experience with replacement HVAC coils. If you need a custom replacement coil or a direct fit OEM replacement, Cooney Coil & Energy can help.



FREEZE BLOCK™

Stop worrying about frozen and split coils! Freeze Block™ coils are backed by a 30-month freeze protection warranty and trusted by 1,000's of facilities across North America.



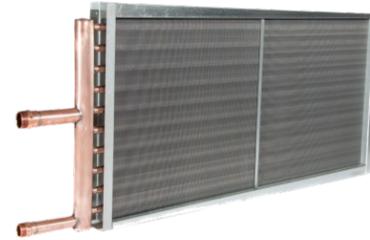
SMART COIL

The industry's only Smart Coil is designed to notify a facility's building automation system that a freeze has occurred to prevent coil damage.



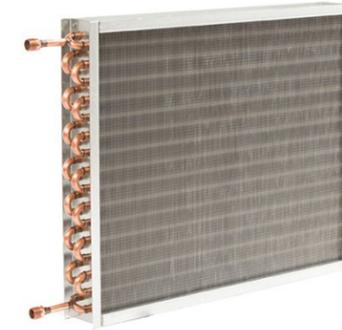
FLUID

Hot water, chilled water, glycol, and process applications. Counter-flow circuiting designed for your specific application while minimizing pressure drop.



STEAM

Standard steam coils or steam distributing aka "non-freeze" coils for process, pre-heat and modulating steam applications. Pitched casings ensure optimal removal of condensate.



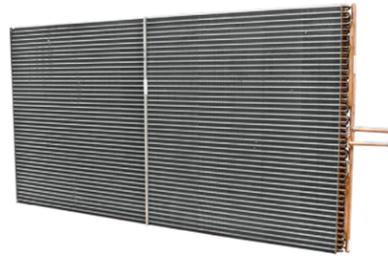
BOOSTER

Designed for hot water or low pressure steam. Pre-engineered 1 and 2 row options for lower lead time and quick shipping options.



EVAPORATOR

Standard, interlaced, multi-circuit configurations and face split designs available to support your HVAC system for optimal performance and minimal air pressure drops.



CONDENSER

Designed for your precise refrigerant application. Single refrigerant circuit, integral sub-cooler and multiple face-split options available.



MICROCHANNEL

Custom replacement microchannel coils and drop-in replacements available for Carrier and York chillers. Our coils are made in the USA and built to last.



SECTIONAL

Don't let space restrictions limit your ability to replace a coil. These modular coils are manufactured to specified lengths with heavy duty end plates that are bolted together in the field.



COATINGS

Our advanced coil coatings extend coil lifespan, boost performance, and enhance cleanability. Perfect for high UV exposure and corrosive environments like medical facilities, industrial plants, and coastal areas.

APPLICATIONS

At Cooney Coil, our team has decades of experience with a wide array of coil applications in the pharmaceutical, healthcare, institutional, commercial and industrial markets. No matter how big or small the job is, our coil experts are here to help!

- Air Handlers
- Boiler Systems
- Central Heating
- Chilled Water Systems
- Clean Rooms
- Data Centers
- District Heating
- Food Processing
- Hot Water Systems
- Process Heating & Cooling
- Transit Systems

CERTIFICATIONS



MATERIALS

All of our coils are made with the highest quality products, made right here in America.

FIN & TUBES

FLUID | CONDENSERS | EVAPORATORS

Tube Diameter	Tube or Fin Material	Aluminum	Copper	Cupro-Nickel 90/10	Carbon Steel	Stainless Steel 304 & 316
5 MM	Tube		●			
	Fin	●	●			
5/16"	Tube		●			
	Fin	●	●			
3/8"	Tube		●	●	●	●
	Fin	●	●			●
1/2"	Tube		●	●	●	●
	Fin	●	●	●	●	●
5/8"	Tube	●	●	●	●	●
	Fin	●	●		●	●
7/8"	Tube	●	●	●	●	●
	Fin	●	●		●	●
1"	Tube		●	●	●	●
	Fin	●	●		●	●

STEAM | STEAM DISTRIBUTING

Tube Diameter	Tube or Fin Material	Aluminum	Copper	Cupro-Nickel 90/10	Carbon Steel	Stainless Steel 304 & 316
5/8"	Tube		●	●	●	●
	Fin	●	●	●	●	●
7/8"	Tube		●	●	●	●
	Fin	●	●	●	●	●
1"	Tube		●	●	●	●
	Fin	●	●	●	●	●

HEADERS

- Type L Copper
- Type K Copper
- Carbon Steel (Schedule 40 or 80)
- Cupro-Nickel (Schedule 40)
- 304 Stainless (Schedule 40 or 80)
- 316 Stainless (Schedule 40 or 80)
- Aluminum (Schedule 40)

CASING

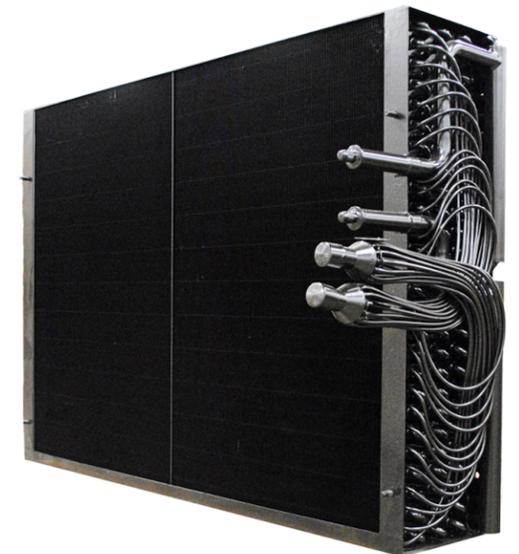
- Aluminum (.063, .090, .100, .125)
- Carbon Steel (10,12,14,16ga)
- Copper (.0647 (48oz)
- Copper (.091 (67oz)
- Copper (.125 (96oz)
- Galvanized Steel (8,10,12,14,16,18,20ga)
- 304 Stainless Steel (10,12,14,16,18,20ga)
- 316 Stainless Steel (10,12,14,16,18,20ga)

COATINGS

Coil coatings can help to extend the lifespan of your coil, while improving clean-ability and performance. Coated coils are ideal for protecting coils in corrosive environments and coils with high UV exposure such as pharmaceutical and medical facilities, industrial manufacturing plants, and coastal environments.

Not sure what coating is right for your job? Give our experts a call at (610) 783-1136!

- Epoxy Polymer (E-Coat) with UV Top Coat
- Epoxy Polymer (E-Coat)
- Baked on Phenolic
- Finkote 2
- Finkote 2 UV Top Coat
- FinkoteCc
- FinkoteHp
- FinkoteZx
- Heresite
- Heresite UV
- ElectroFin
- ElectroFin UV
- Blygold Anti-Corrosive
- Blygold Anti-Microbial
- Black Poly Coated Fin
- Iridite
- More Options Available Upon Request



FREEZE BLOCK™ + SMART COIL

Failures happen. Prevent freeze damage with our patented Freeze Block™ Coils + Smart Coil System.



STOP THE RUPTURE

Freeze Block™ Coils are designed to prevent split coils and have been wind tunnel tested to -74F.

COIL OPTIONS

Freeze Block™ technology is available for new and replacement fluid, and steam coils.

WARRANTY

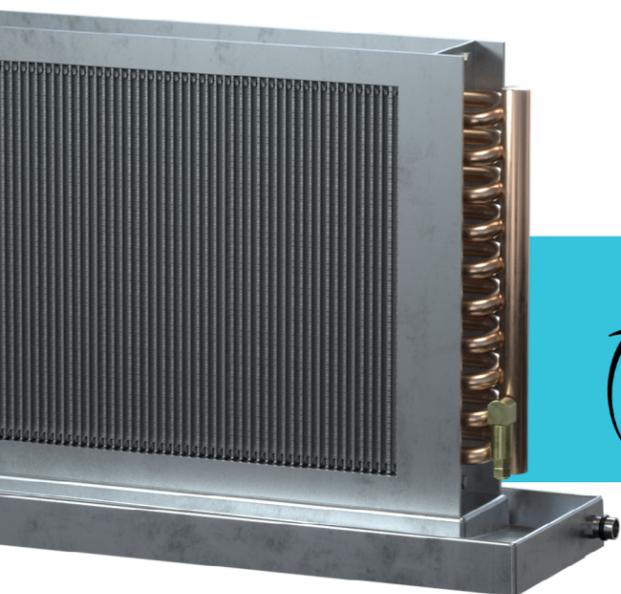
All Freeze Block™ coils are backed by a standard 30-month freeze protection warranty.

SMART COIL

Make it a Smart Coil for remote monitoring through any BMS and a 48-month freeze protection guarantee.

ENGINEERING + SPECS

- Available for steam, hot water and chilled water coils
- All coils and valves are factory assembled and tested prior to shipping
- Climate and wind tunnel tested to -74° F
- Valve temperature setting: 35° F to open
- Valve pressure setting: 200 PSI
- 30-month warranty against freeze damage
- 48-month warranty with Cooney Smart Coil System
- Steam coils supplied with factory installed vacuum breaker, pitched case and distributing tube center clips for optimal condensate removal
- Face & bypass coils supplied with Freeze Block™ Valve, LCP vacuum breaker, and flex hose for condensate outlet
- All Freeze Block™ coils are manufactured within AHRI guidelines



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DOWNLOAD THE FREE WHITEPAPER
**WHY HVAC COILS FREEZE
 & HOW TO PREVENT FAILURE**

FREEZE BLOCK MATERIALS

Tube OD Options	1/2" Die 16
	5/8" Die 1 & 2
Tube Material	Copper
Tube Wall	1/2" OD tube / .022" min, .016" not available
	5/8" OD Tube / All options
Fin Material/	Aluminum / All options
	Copper / All options
Fin Height	Maximum 48" *Anything over 48" will need to be reviewed by Cooney Coil.
Fin Length	Maximum 144" *Anything over 144" will need to be reviewed by Cooney Coil.
Rows	1, 2, 4, 6, 8, 10, 12
Circuiting	1 row: half
	2 row: full
	4 row: full or double
	6 row: full / *Can do double but would make it opposite end connections
	8 row: full or double
	10 row: full / *Can do double but would make it opposite end connections
	12 row: full or double
Header Material	Standard Type L
	Type K Copper
	Cupro-Nickel

COONEY COIL & ENERGY
EVOLVING THE FRONTIER OF ENERGY TRANSFER



A PARTNER YOU CAN TRUST.



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