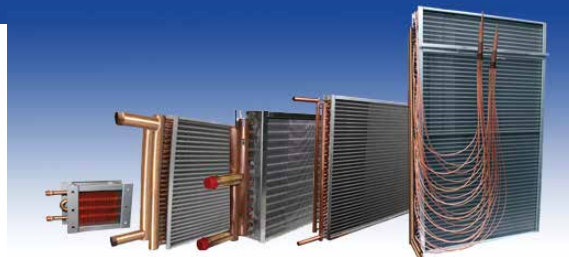

Custom Cooling and Heating Coils

For OEM, New and Replacement Applications

- Chilled Water
- Hot Water
- Steam
- DX
- Booster



Innovative Custom Coil Solutions

Ventrol® Quality and Reliable Coils



Since 1998, Ventrol Air Handling Systems Inc. has served its customers as a reliable manufacturer of custom-engineered cooling and heating coils. Why settle for a catalog answer when Ventrol can provide innovative solutions designed and manufactured for your specific application?

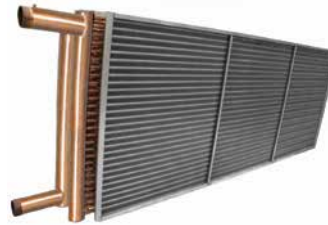
Whether it is a unique coil size, special material of construction, flexibility in delivery, or demanding performance, Ventrol's engineers have the experience and know-how to design a solution for you. Flexibility and value are what bring customers back to Ventrol.

Quick Ship Program

Ventrol can manufacture custom replacement coils or new coils to meet even the most demanding timelines. Whether the need is in days or weeks, take confidence that Ventrol can deliver a solution on time and on spec.



Coil Types



Evaporator (DX) coils ▶

- Air conditioning, dehumidification and refrigeration applications
- For use with a wide variety of refrigerants
- Multiple circuit arrangements are available such as face split, row split or intertwined circuiting
- Coils come with distributor leads and distributor

◀Hydronic (WC) coils

- For cooling, heating and general heat transfer applications
- Use with water or thermal fluids such as ethylene or propylene glycol

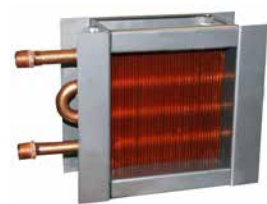


◀Steam (SS) coils

- Heating and drying applications
- Standard or steam distribution types
- Low temperature / pressure steam (≤ 15 psig)

Booster (WC/BC) coils ▶

- Ideal for duct mounting
- 1 or 2 row
- Low flow applications



(WC shown)

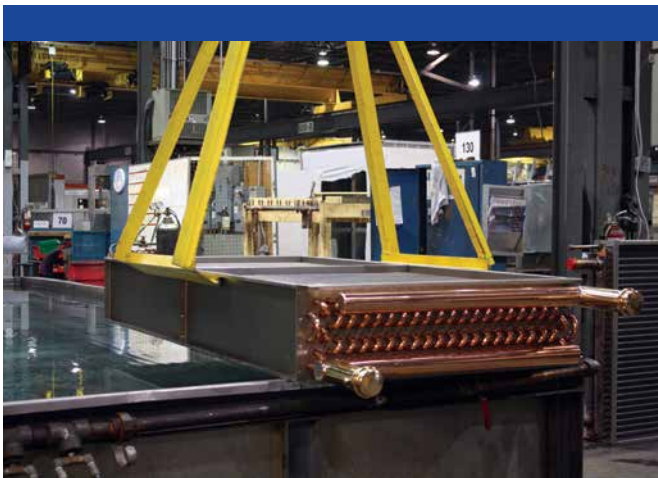
Performance You Can Trust

AHRI Certified™ Performance

Ventrol standard coil performance is certified to AHRI Standard 410. To maintain its certification, Ventrol submits coils to an independent testing laboratory for the purpose of verifying performance. Specifying AHRI Certified™ performance gives you the confidence the coil will perform as scheduled. AHRI Certified coil performance is also useful during the verification process in building certification programs like LEED®.



Ventrol engineers can design a coil to operate in a wide range of fluid pressures and temperatures. Every coil that Ventrol manufactures is subjected to under water dry air pressure testing to 500 psig to confirm manufacturing integrity. Standard operating pressure ratings are 250 psig for hydronic and evaporator coils and 15 psig for steam coils. Higher pressure ratings are available.



Every coil is submerged in a tank of water and pressurized with dry air to check for leaks.

Quality Guarantee

Ventrol warrants to the original buyer that the Ventrol coils will be free of defects in material and workmanship for 12 months following installation or 18 months following ship date, whichever occurs first, under normal use and regular service and maintenance. See the full warranty on our website www.ventrolcoils.com.



Custom Materials

Higher operating pressure and temperature limits are available. Options to meet your operating conditions include:

- Copper tubes 1/2" and 5/8"
- Aluminum or copper fins
- Galvanized or stainless steel casings



Operating in corrosive environments can decrease the life of a coil. This is why Ventrol offers solutions to help protect your investment. Solutions such as coil protective coatings and treatments that include:

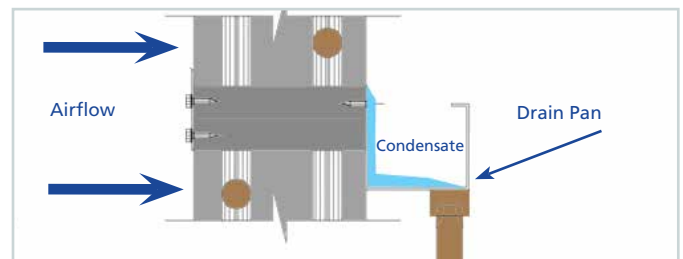
- Heresite®
- ElectroFin®
- Blygold®
- Other coating types available upon request.



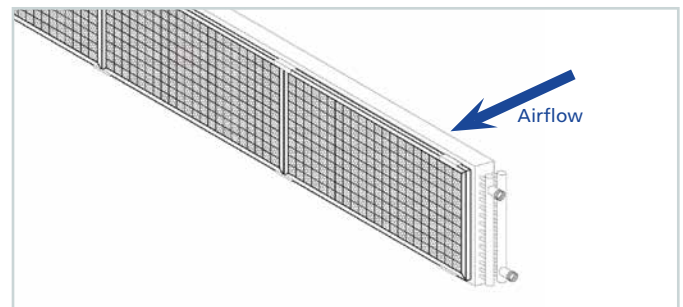
Coil Accessories

Other coil accessories available from Ventrol include:

- Coil rack for stacking and securing multiple coils
- Drain pan for the collection and removal of condensate
- Mist eliminator to help prevent moisture carryover downstream



Intermediate drain pan for removal of condensate from coil banks.



Mist eliminators to help prevent moisture carryover downstream.

Ventrol Flexibility and Value

Standard Lead Time

Standard shipping lead time is 3 to 4 weeks, except for special tube/fin material requirements.

Quick Ship Lead Time Options

The following reduced shipping lead times are available:

- 2 weeks
- 5, 4, 3, or 2 working days
- **24 hours**

Quick Ship Guarantee

Ventrol guarantees shipment of equipment on **confirmed ship date** or it will reduce the net price by 2% for every work day late up to five days.

SMART Coil Selection and Ordering Capabilities

Visit the Ventrol website at www.ventrolcoils.com to make your **SMART** coil selections and to place your order.



Coil Construction Options

Tube OD Diameter	5/8" (16 mm)	1/2" (13 mm)
Finned Length	6" to 240" (152 to 6096 mm)	7.5" to 240" (191 to 6096 mm)
Finned Height	6" to 99" (152 to 2515 mm)	7.5" to 100" (191 to 2540 mm)
Fins / Inch	6 to 14	8 to 14
Fin Material / Thickness	Aluminum: 0.008" or 0.010" (0.20 or 0.25 mm) Copper: 0.006", 0.008" or 0.010" (0.15, 0.20, or 0.25 mm)	Aluminum: 0.006" (0.15 mm) Copper: 0.006" (0.15 mm)
Fin Surface	Corrugated	Sine Wave
Tube Material / Thickness	Copper: 0.020", 0.025", 0.035" or 0.049" Copper: (0.51, 0.64, 0.9 or 1.25 mm)	Copper: 0.017" or 0.025" Copper (0.43 or 0.64 mm)
Rows	1 to 6, 8, 10, 12 or 14	
Header Material/ Connection Type	Hydronic/Steam coils: Header in Copper/Connections in Red Brass Schedule 40 (MPT), Victaulic Groove or Sweat Available DX Coils: Header in Copper/Liquid Connections Brass O.D. Sweat	
Casing Material	Galvanized, 304 or 316 Stainless Steel - 14 and 16 GA Options	

Contact the Coil Professionals

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