

Bulletin: 07-18

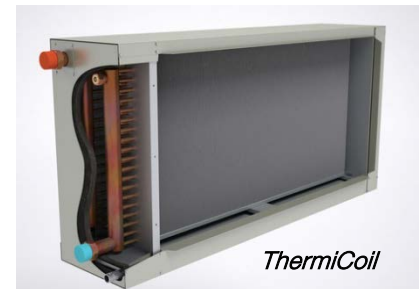
TO: All Greenheck Representatives  
FROM: Nancy Geisendorfer  
Sr. Application Engineering Specialist  
DATE: February 13, 2018  
SUBJECT: Introducing ThermiCoil®



We are excited to announce our insulated coil section, ThermiCoil®. These coil sections are typically mounted in ductwork to provide additional cooling without a costly HVAC unit upgrade. Its use is similar to a reheat coil, but adds a boost of cooling versus heating.

ThermiCoil is well-suited for facilities with rigorous indoor environmental quality requirements and offers several advantages including:

- Insulation not exposed to airstream; discourages mold growth.
- Sloped drain pan for condensate drainage and improved air quality.
- Stainless steel construction resists rust.



Additional information can be found in the attached ThermiCoil catalog. The catalog is also located on the coils page on [www.greenheck.com](http://www.greenheck.com).

Generate incremental revenue by including replacement coils in your product portfolio. Greenheck's Quick Build program ensures your coils will be manufactured to your specifications and shipped to meet your time requirements. Coil types offered include DX, hot water, chilled water, steam and condenser. Coils are available in custom sizes and various construction material options.

Please contact me with any questions at 715-574-8406 or [Nancy.Geisendorfer@greenheck.com](mailto:Nancy.Geisendorfer@greenheck.com).

# ThermiCoil® Insulated Coil Section



## ADVANTAGES

- Insulation is not exposed to airstream; discourages mold growth.
- Integral dual-sloped drain pan for drainage of condensate and improved indoor air quality.
- Stainless steel drain pan and coil supports to resist rusting from condensate.
- Better quality and reliability than field-built coil boxes.
- Ease of installation through attaching ductwork directly to the ThermiCoil® casing flanges.
- Optional heating coils can be added for dehumidification.
- Wide range of custom sizes.

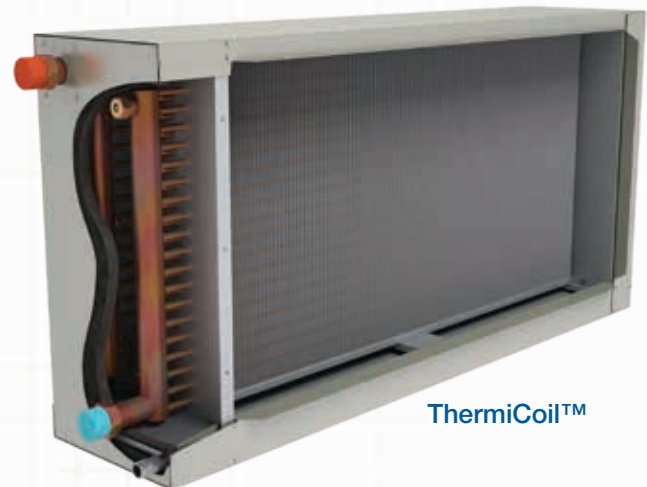
ThermiCoil® coils with insulated casings are suitable for refrigerant and hydronic applications and can accommodate a wide range of airflows. They address the needs of building professionals with rigorous indoor air quality standards.

## Applications

ThermiCoil coils are often applied to provide additional cooling to an existing HVAC system. They can provide incremental cooling capacity without an expensive upgrade to rooftop or air handling units. ThermiCoil insulated coils are well-suited for schools, restaurants, health care and pharmaceutical manufacturing facilities, and many other types of buildings as well.

## Custom Size Options

Greenheck offers ThermiCoil in a broad range of custom sizes and options, so you can match it exactly to your needs. Intermediate drain pans, multiple coils, and other special options are also available. Every coil is leak-tested under water with 450 PSIG dry nitrogen for quality assurance.



## Standard Box Construction:

- 16- and 18-gauge galvanized sheet metal housing (unpainted)
- 1 inch insulation, 4.2 R-Value
- 18-gauge stainless steel drain pan
- 1 inch stainless steel MPT drain pan connection
- Offset fin pack to maximize performance and drainage
- 1-1/2 inch duct flanges on entering and leaving air side of coil housing
- 5 inch connection stub-outs on all coil models
- Double-pitched drain pan to prevent standing water
- Individual connection covers and gaskets minimize airflow through casing connection holes

## ThermiCoil Options:

- Double-wall construction
- Stainless steel housing
- Prepainted (gray) and caulked

## Custom Sizes Available:

- **5/8 Inch Tube Diameter**  
Fin height = 12 to 54 inches in 1-1/2 inch increments  
Fin length = up to 90 inches
- **1/2 Inch Tube Diameter**  
Fin height = 10 to 55 inches in 1-1/4 inch increments  
Fin length = up to 90 inches
- **3/8 Inch Tube Diameter**  
Fin height = 10 to 55 inches in 1 inch increments  
Fin length = up to 90 inches
- **5/16 Inch Tube Diameter**  
Fin height = 10 to 55 inches in 1 inch increments  
Fin length = up to 90 inches

## About Greenheck

Greenheck specializes in manufacturing competitively priced, precision-engineered HVAC heating and cooling coils that always fit and are always on-time. Coil types offered include DX, hot water, chilled water, steam, and condenser.

Our team of experienced application specialists are only a phone call away and ready to respond to any questions you may have.

## Quick Build Program

At Greenheck, our Quick Build (QB) program ensures your coils will be manufactured to your specifications and shipped to meet your time requirements. We work together as a team to match the exact measurements and the performance requirements you need.

Our efficient system can design and manufacture a custom coil for you in 1-, 3-, 5-, 10-, 15- and 25-day turnarounds; *ThermiCoil as soon as 3-days*. Contact your local Greenheck Representative for more information on our Quick Build program or to order a coil.



## Selection Software

Greenheck's software is easy-to-use as well as comprehensive. Already a well-accepted software tool among the customer base, the program now includes expanded size ranges and a fast-track capability for manufacturing coils that building professionals demand today.



*To guarantee your coil is going to perform as required, check for AHRI Certification.*

## Our Commitment

*As a result of our commitment to continuous improvement, Greenheck reserves the right to change specifications without notice.*

Specific Greenheck product warranties are located on [greenheck.com](http://greenheck.com) within the product area tabs and in the Library under Warranties.



*Prepared to Support  
Green Building Efforts*