



## INSULATED CABINET COIL

### 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 Insulated Cabinet Coil casing flanges.
- ◆ Optional heating coils can be added for dehumidification.
- ◆ Wide range of custom sizes.

Insulated Cabinet 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

Insulated Cabinet 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.

Insulated Cabinet Coils are well-suited for schools, restaurants, health care and pharmaceutical manufacturing facilities; and many other types of buildings as well.

### CUSTOM SIZE OPTIONS

Capital Coil offers our Insulated Cabinet Coil 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.



# INSULATED CABINET COIL

## STANDARD BOX CONSTRUCTION:

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

## CUSTOM SIZES AVAILABLE:

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

## INSULATED CABINET COIL OPTIONS:

- ◆ Double wall construction
- ◆ Stainless steel housing
- ◆ Pre-painted (gray) and caulked

## QUICK SHIP PROGRAM

Our guaranteed Quick Ship program can design and manufacture a custom coil for you in 3, 5, or 10 days. You get your coil when you need it!

## SELECTION SOFTWARE

Our coil selection program is finished and available for download. This state-of-the-art program is "Windows based" and extremely user friendly. All you have to do is click the link below, sign up on our website, and a link for download and activation code will be e-mailed to you shortly thereafter. This program is completely free and available to everyone.

## ABOUT CAPITAL COIL & AIR

Capital Coil & Air is the leading manufacturer of commercial OEM HVAC replacement and custom design/build booster coils, fan coils, condenser coils, and DX Coils. We have over a decade of experience in the industry to assist you and consult with you in your coil selection process. The last name Jacobs has been an industry standard-bearer for more than half of a century, and will continue to lead the way in the HVAC manufacturing business for decades to come.

Capital Coil & Air has extensive experience working with a wide array of commercial clients that include: engineers, mechanical contractors, government facilities and organizations, state & local municipalities, private and public sector companies and corporations, and public & private schools and universities.

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