

# Indoor Air Handlers, Fan Coils and Coils



Greenheck offers a wide range of products with the ability to heat, cool and/or filter air for commercial, educational, institutional, residential and multistory buildings. Our products incorporate premium quality construction features such as double-wall construction, low profile/condensed housing sizes, stainless steel insulated drain pans, internal neoprene or spring isolation, high-efficiency filters and energy efficient motors. These construction features ensure better indoor air quality and the energy efficiency preferred by owners and engineers for LEED- or “green-” type projects. Whether your project calls for horizontal, vertical or low profile installations, we have the product to fit your needs. We also have a comprehensive line of booster and custom-built coils for your HVAC heating and cooling requirements.

## Indoor Air Handlers and Fan Coils

Greenheck’s indoor air handling and fan coil series, models MSCF, LFC and VFC provide tempered supply air for schools, office buildings, medical facilities, hotels, and many other commercial applications. These units are designed for horizontal or vertical installations, and are ideally suited for retrofit applications as well as new installations. Each model is offered in various sizes to meet a wide range of performance requirements and all are designed with premium quality construction features for years of trouble-free operation.

### Model MSCF

Model MSCF incorporates an ultra-low profile and modular design allowing for a highly configurable indoor air handler that is ideally suited for retrofit applications as well as new installations in schools, medical facilities, office buildings, and many other commercial applications. The forward-curved and backward-inclined wheel options offer increased performance capabilities for higher static pressure applications. The unit design provides for easy access to components, double-wall construction, and internal neoprene or spring isolation. Model options include: mixing boxes (with or without filters and dampers), plenums (12 or 24 in.), coils (hot water, steam, chilled water, and direct expansion), and filters (2 or 4 in. 30%, 65%, or 95% efficiencies). Ultra-low profile housings ranging from 11 to 26 inches. Capacities range from 400 to 6,000 cfm (679 to 10,194 m<sup>3</sup>/hr) and 4 in. wg (995 Pa)

Catalog: *Indoor Air Handling Units — IAH Series (MSCF)*



## Model LFC

Model LFC incorporates an ultra-low profile, condensed housing design that provides a lower cost alternative to the MSCF unit, while still allowing for customizable options. This blower coil unit is ideally suited for horizontal installations with limited space constraints. The unit design provides for easy access to components, double-wall construction, and internal neoprene or spring isolation. Two forward-curved wheel options are available for low or high pressure applications providing a wide performance range and quiet operation. Capacities range from 400 to 5,000 cfm (679 to 8,495 m<sup>3</sup>/hr) and 4 in. wg (995 Pa)

Catalog: *Indoor Air Handling Units — IAH Series (LFC)*



## Model VFC

Model VFC is a belt drive unit with a forward-curved wheel designed for vertical installations. This fan coil is ideal for concealed applications where a small footprint is required. The unit construction includes a steel double-wall cabinet with hinged access to the blower section. Capacities range from 400 to 4,000 cfm (679 to 6,796 m<sup>3</sup>/hr) and 3.5 in. wg (871 Pa)

Catalog: *Indoor Air Handling Units — IAH Series (VFC)*



## Model VFCD

Model VFCD is a direct drive unit with a forward-curved wheel designed for vertical installations. This fan coil is ideal for concealed applications where a small footprint is required. Unit construction includes a steel double-wall cabinet with hinged access to the blower section. Capacities range from 400 to 4,000 cfm (679 to 6,796 m<sup>3</sup>/hr) and 2 in. wg (498 Pa)

Catalog: *Indoor Air Handling Units — IAH Series (VFCD)*



## Custom Coils

Greenheck specializes in manufacturing competitively priced, quality engineered replacement and OEM coils. Every coil we build is leak tested with 450 PSIG of dry nitrogen to guarantee 100% quality assurance. And just to be sure you get the performance you expect, our coils are tested in accordance with AHRI Standard 410-2001. Coils are constructed with copper tubes in  $\frac{3}{8}$ ,  $\frac{1}{2}$ , and  $\frac{5}{8}$  OD with aluminum or copper fins and galvanized, stainless steel, or copper casings. Insulated coil sections and protective coatings are also available.

### Coil Types:

- Chilled Water
- Hot Water
- Heat Reclaim
- DX Evaporator
- Condenser
- Standard Steam
- Non-Freeze Steam Distributing
- Booster/Duct Mounted

Catalog: *Greenheck Coils*

