

# Blower-Coil Units

## A Complete Direct Drive Solution



### Model HDD

Available in sizes 08-40

### Owners

The direct drive fan combined with an efficient EC motor will provide years of quiet, trouble free operation. The direct drive design eliminates belts, which means less down time and maintenance costs. The EC motor provides accommodation for changing airflow based on future needs. Single and dual blower arrangements allow for flexibility when configuring for sound and performance.

### Contractors

Units are shipped completely assembled and are factory set for the selected operating point. The direct drive fan and EC motor are easily adjusted with potentiometers, eliminating complicated setup menus. Each unit includes a model specific calibration curve to expedite the test and balance process. All units, with or without electric heat, are cETLus listed and labeled. Standard wiring allows for single point power connection and all wiring is in compliance with NEC, ensuring safety and quality. All of these features along with our hinged access doors, base rails, same side motor handing, and optional piping packages allow for the quickest and easiest installation in the industry.

### Designers

Enviro-Tec direct drive blower coils feature class leading airflow, coil capacity, and pressure capabilities, while eliminating drive losses, belt maintenance, and complicated VFDs. Units are shipped factory set to your design point, but can be easily field adjusted to account for changing site conditions. EC driven fans are offered with multiple motor control options. Units are designed to exceed the stringent quality standards of the institutional market, while remaining cost-competitive in the light-commercial segment. Our blower coils are ASHRAE 62.1 compliant and contribute to an ASHRAE 90.1 compliant building.

## Extended Operating Range

- 250 CFM – 5000 CFM
- 0.5" – 3.0" TSP

## Multiple Motor Control Options

- Single speed  
(field adjustable)
- Proportional (0-10VDC)
- Four speed  
(field adjustable)

## Single and Three Phase Motors

- 1 $\phi$ : 120V, 208V, 230V, 277V
- 3 $\phi$ : 208V, 230V, 480V

## Improved Control Access

- Exterior speed control
- Fast and intuitive balancing

## Construction

- Optional 1" double wall construction (Model HDD)
- 1" supply duct collars
- Left and right hand arrangement

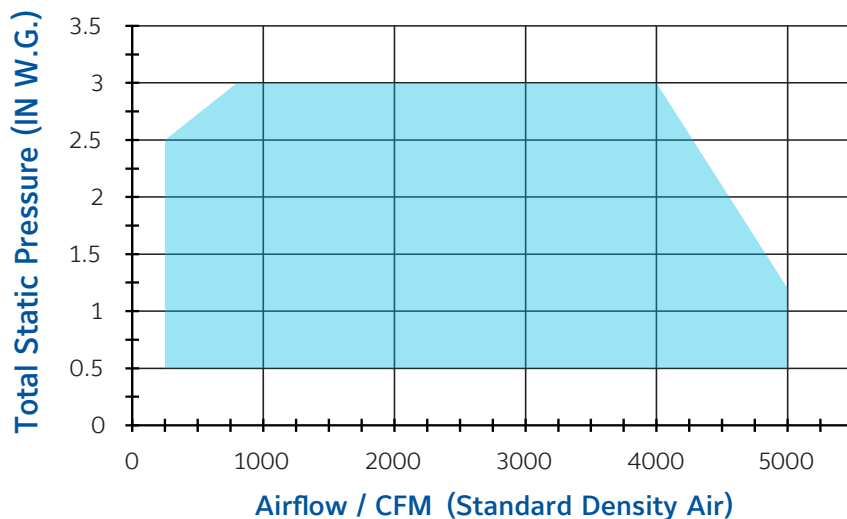
## Piping Packages

- 2-way and 3-way on/off, modulating, or proportional control valves
- Fixed and adjustable flow control devices
- Y-strainers and P/T ports



Model VDD  
Available in sizes 08-40

## Direct Drive Blower Coil Operating Range



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