



# PreciseLine® Large Capacity Blower Coil



600 to 5000 cfm

*Precisely conditioned air in a smaller, more affordable package*



No two buildings are created equal. Loads, fresh air, delivery requirements, and other design obstacles are clever problems that call for clever solutions.

If you are searching for an HVAC solution that is a definitive fit for your space's air handling needs, turn to Daikin's PreciseLine large capacity horizontal blower coil. To affordably condition air to precise levels up to 5000 cfm, Daikin engineers designed a unit to match a building's air handling demand at a blower coil price point.

This unit goes beyond delivering savings at the time of purchase. The efficiency and savings carries over the life of the unit as a result of double-wall foam construction that is standard and drives high energy efficiency and budget-minded performance. The precisely engineered cabinetry also improves indoor air quality, providing your building occupants a safer, cleaner, healthier environment.

Throttle is nothing without control. Fully modulating 0-10V fan motors, modulating valve packages, modulating fresh air supply dampers, and modulating electric heat allow for unmatched thermal comfort as well as energy efficiency.

The unit is designed for optimal flexibility to meet the varying needs of customers in different climates and spaces. With included hydronic cooling and the option for either hydronic or electric heating, we're able to offer a more compact unit to meet the demands of your building and help you maximize your space. When noise mitigation is a top priority, PreciseLine's sound attenuation packages lower the sound pressure and improve the sound quality. The transition plenum in this package allows the unit to be tucked away into the tightest of your building's spaces.

Designed for nearly any space, PreciseLine's lightweight construction provides the modularity of an air handler in a system that is nimble, responsive and modern. Air can be conditioned for a larger space in a smaller package at an affordable price.

## Energy efficiency for year-over-year savings

- This attention to construction isn't just improving the quality of the air, but the bottom line of your energy bill, as well. The double-walled construction reaps substantial gains to the R-value in addition to eliminating thermal bridging. Thermal bridging occurs where heat can easily transfer across a boundary—by eliminating those gaps, PreciseLine offers a more energy efficient, environmentally friendly solution for optimal cooling.
- When the outside air is at the right temperature and humidity, PreciseLine's economizer can be introduced for free cooling, bringing the right air inside right when you need it.
- The modulating electric heat option helps the unit operate most efficiently, avoiding energy-wasting cycling between each stage.



## Breathe easy with improved indoor air quality

- Double-wall construction takes the importance of indoor air quality (IAQ) to the next level. As industry experts have attested, clean indoor air is the new 'clean water,' and Daikin is prioritizing its importance with the new PreciseLine blower coil. With added protection to minimize pathogens, contaminants, and fiberglass strands, the



double-wall construction of this unit allows easy cleaning access for occupants of schools and medical facilities that rely on clean, healthy air.

- A variety of MERV filter sizes allows you to customize your solution for your space.
- PreciseLine's mixing box option allows the introduction of outdoor air, providing better recirculation of room air and better IAQ.

## Ease installation and maintenance

- Our fully-integrated, lightweight unit makes installation, position, and connecting quick and easy. Engineered with lightweight, rigid panels, the design and construction means your service calls run as smoothly as possible. The service technician can assess the unit freely and easily during routine maintenance, freely accessing the slide-out fan and coil around the mounting system.
- With factory-installed controls, avoid the expense and complexity of a controls contractor. The unit is ready and programmed to work for you and your building immediately upon installation.



## PreciseLine unit dimensions (inches)

Unit Size	Main Cabinet (L x W x H)	Mixing Box* (L x W x H)	Plenum* (L x W x H)
6	43 x 24 x 18	30 x 15 x 18	30 x 24 x 18
8	43 x 29 x 18	30 x 20 x 18	30 x 29 x 18
10	46 x 37 x 18	30 x 28 x 18	30 x 37 x 18
12	46 x 37 x 18	30 x 28 x 18	30 x 37 x 18
16	46 x 45.50 x 18	30 x 36.5 x 18	30 x 45.5 x 18
18	46 x 54 x 18	30 x 45 x 18	30 x 54 x 18
20	46 x 54 x 18	30 x 45 x 18	30 x 54 x 18
30	38 x 49 x 26	30 x 49 x 26	30 x 49 x 26
40	41 x 54 x 30	30 x 54 x 30	37 x 54 x 30
50	41 x 61 x 32	30 x 61 x 32	37 x 61 x 32

\*Optional



## Expanded and Efficient Motor Options

Ditch belt-drive losses and dial in savings with PreciseLine's expanded/optional fan motor horsepower and voltages.

Our standard direct-drive 0-10V modulating fan motors will yield increased occupant comfort and efficiency.



## Supplemental Heat

Modulating electric heat is greater than staged. The modulating electric heat control option modulates the heater so that it can operate most efficiently, avoiding energy-wasting cycling between stages.



## Indoor Air Quality

Fiber-free air. The double-wall, foam injection cabinet construction keeps glass fibers from the insulation out of the air-stream.

A breath of fresh air — the Daikin PreciseLine unit comes with an optional mixing box that can introduce outdoor air rates required by ASHRAE 62.2.



## Sound Levels

Quiet is comfort. PreciseLine's optional discharge plenum is available with a sound attenuation package.



## Performance

Push through the resistance with the PreciseLine's high-static capability. Daikin's direct-drive fully modulating fans are capable of overcoming 1.5" of static pressure.

Keep your setpoint locked in with fully modulating accessories. The modulating electric heat control option, modulating cooling/heating valves, and fan control keep your space conditioned accurately based on BTUs, CFMs, or any combination of the two.



## Installation/Maintenance

Factory-installed valve basic or deluxe packages reduce installation time and are fully accessible from the unit's side access.

Tool-less top, bottom and side filter access keeps routine unit maintenance short and simple.



## Cooling Options

An optional 8-row hydronic cooling coil provides cooling with warmer entering water temperatures.

Standard and high capacity direct expansion coils provide cooling when chilled water is not available.

For more information about our HVAC systems with advanced technologies, contact your local Daikin Applied sales office or visit [www.DaikinApplied.com](http://www.DaikinApplied.com) to find an office near you.