

When the application calls for cooling capacities or external static pressures that cannot be met with standard or high performance direct drive fan coil units & large central station units are a financial challenge, our belt drive air handlers are the perfect economical fit for your needs. They are great for simple, straight forward applications where the design is pretty plain vanilla for a horizontal or vertical application. The best applications for these units are when there is a space that requires less than 1.5" of external static pressure on the fan for ductwork, grilles and doesn't require a custom arrangement.



800-USA-COIL



WWW.USACOIL.COM



MADE IN USA

## UNIT TYPES

- Light to medium duty
- Up to 1.5" external static pressure
- Ranging from 800 to 12,000 cfm (2 - 30 tons)
- Two or four-pipe, Hydronic cooling/heating, Steam, Direct-Expansion (DX) and/or Electric Heat
- Galvanized steel or painted cabinet
- Horizontal or vertical configurations

## HORIZONTAL & VERTICAL BELT DRIVE UNITS

Our horizontal & vertical belt drive units offer an economical, well-constructed & efficient alternative to both a large and more expensive central station air handler, along with features you won't find in a lower capacity direct drive unit. These draw-through designs are available for indoor applications and are equipped with blowers that can handle high static applications. Multiple designs for both concealed and exposed units with access doors on both sides of the units for easy maintenance and cleaning.



*Products and specifications subject to change without notice.*

## OPTIONS

- Different insulations
- Valves and controls
- 1 to 10 row coils
- Mixing boxes
- Filter options
- Construction options
- Double wall

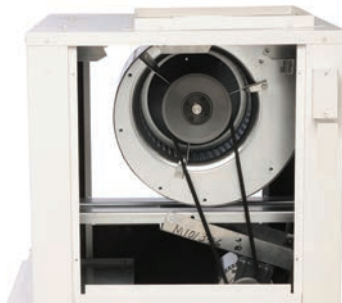
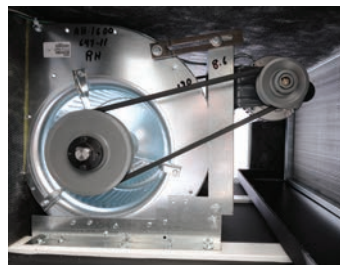
## APPLICATIONS

- Hotel Space
- Apartments
- Condominiums
- Hospital & Medical Facilities
- Nursing Homes
- Office Buildings
- Military locations
- Government facilities
- Schools & Universities
- Shopping Centers
- Pharmaceutical & Technology
- Industrial Space

## QUICK SHIPMENT OPTIONS

USA Coil & Air applies more than 50 years of design and manufacturing experience in the coil and air handling business along with a sincere dedication to providing you with the right products fast. The USA Coil & Air Quick Ship Program helps assure that you can meet deadlines.

Our Belt Drive Air Handling Units come with a standard ship of 7-12 weeks with expedited shipments of 2, 4 & 6 weeks – availability limited, based on design, size and materials.



## DESCRIPTIVE INFORMATION:

### CABINET

Heavy-gauge galvanized steel insulated with ½" thick, three pound density, neoprene coated fiberglass

### COILS

½" OD copper tube with aluminum fins (12 FPI) equipped with manual-air vent. Coils are 100% underwater pressure tested at 350 PSI with a 300 PSI working pressure

### DRAIN PAN

Galvanized and powder coated epoxy with a 1/8" thick closed-cell insulation and has primary and secondary drain connections

### BLOWER & ASSEMBLY

Belt-drive, draw-through design with forward-curved and dynamically balanced blowers. Adjustable, variable-pitch drive sheave and cast-iron pulley keyed to motor shaft

### CONTROLS & MOTORS

Controls & motors are factory-wired and terminated in a junction box for single-point power supply

### FILTER

Two-inch thick, flat, 30 percent pleated efficiency filter, with spring loaded clips on each side of access door for easy maintenance without the use of tools.

### CERTIFICATION

All horizontal and vertical series units are certified in compliance with AHRI and ETL; 100% factory tested.

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