

BLOWER COILS: Horizontal & Vertical Standard



Providing you robust solutions for your building applications.

For applications that require more robust air equipment solutions, your answer may lie with Krueger Blower Coils. With greater capacities and a wide range of options, these products can complement a variety of air distribution systems. For more information on these or other Krueger products, contact your local Krueger Representative. They are industry experts with years of experience and will be there to help answer questions, assist with selections, and remain your trusted partner through to the end of your project.



KBH Horizontal Blower Coil

CFM Range
600 - 4,000

Max ESP
Up to 3.0"

Max Coil Rows
Up to 8 rows

This model features a horizontal configuration using a belt drive blower.



KBV Vertical Blower Coil

CFM Range
600 - 4,000

Max ESP
Up to 3.0"

Max Coil Rows
Up to 8 rows

This model features a vertical configuration using a belt drive blower.

BLOWER COILS:

Horizontal & Vertical Standard



STANDARD FEATURES*

Construction

- Galvanized-steel cabinet construction, 18-gauge minimum.
- 1" thick, fiberglass insulation; mechanically fastened for added security.
- 1" supply-duct collars.
- Gasketed, removable, access panels; sized for easy handling.
- G90 galvanized-steel drain pan with 1-1/8" O.D. copper-pipe outlet.
- Left-hand and right-hand arrangement.

Coils

- AHRI Standard 410-certified and labeled.
- 1/2" O.D. seamless copper tubes.
- Manual air-vent plug on all water coils.
- 300 psig working pressure at 200°F. Copper sweat connections.
- 0.016" tube-wall thickness on water and evaporator coils.
- High-efficiency, aluminum-fin surface for optimizing heat transfer, pressure drop, and carryover.
- Mechanically-expanded copper tubes, leak tested to a minimum 450 psig air pressure under water.
- Evaporator coils are factory-sealed and charged with a minimum of 5 psig nitrogen or refrigerated dry air.

Filter Rack and Filters

- Hinged side access. Flat-filter rack.
- Standard-size, 2" nominal, throwaway filters.

Fan Assemblies

- Forward-curved, double-width, double-inlet (DWDI) fans, statically and dynamically balanced. Solid-steel shafting.
- Ball bearings with a minimum design average life (L50) of 100,000 hours.

Fan Motor and Drive

- Open-drip-proof (ODP) motors.
- 1,750 RPM, single-speed, 60 Hz, single-phase motors with inherent thermal protection.
- Three-phase motors. Rigid-mount, adjustable motor base.
- Standard cross-section, V-belt drive with 1.2 service factor.
- Adjustable-pitch motor pulley and fixed-pitch blower pulley.

Electrical Components

- Fan motor wired and terminated to junction box.
- cETL listed in compliance with UL/American National Standards Institute (ANSI) Standard 1995.

Electric Heat

- Flanged construction for direct unit mounting, in blow-through config.
- Listed for zero-clearance installation.
- Meets NEC requirements.
- Ni-chrome wire in ceramic insulators.
- Stainless-steel element terminals and hardware.
- Element support brackets on maximum 3-1/2" centers.
- Solid cover with continuous full-height hinge.
- Over-temperature protection.
- Internal wiring rated for 105°C min.
- Airflow switch. Incoming-line-power distribution block.
- cETL listed in compliance with UL/ANSI Standard 1995.
- Single-point-power connection.
- Heater factory-mounted to unit with cETL listing as an assembly.

OPTIONAL FEATURES*

Construction

- Stainless-steel drain pan with 1", male-pipe-thread (MPT), galvanized pipe outlet.
- External, rubber-in-shear or spring-type, vibration isolators; hangers or floor mount.
- Fan-discharge arrangements.
- Scrim-reinforced, foil-faced insulation meeting American Society for Testing and Materials (ASTM) C1136 for mold, mildew, and humidity resistance.
- Hinged access panels with lift-and-turn fasteners.
- Base rails with rigging slots; factory-assembled and installed.
- Auxiliary (secondary) drain connections.

Coils

- 3, 4, and 6-row chilled-water or R-22 direct-expansion (DX) coils.
- 1 and 2-row hot-water.
- Heating coil in preheat or reheat position.
- Coil connections for opposite handing.
- Stainless-steel coil casings.
- 0.025" tube-wall thickness on water and evaporator coils.
- Auto air vents on water coils.
- Double-circuit DX coils (intertwined with 50-50 split).

Filter Rack and Filters

- 2" pleated filter.
- Spare throwaway or pleated filters.
- High-efficiency filter rack with 2" and 4" filters.

Inlet Damper Section

- Factory-assembled and installed.
- Heavy-gauge, galvanized-steel, formed-blade dampers.
- Low-leak dampers with extruded-vinyl blade seals and flexible-metal jamb seals.
- Parallel-blade operation.
- Interconnecting damper linkage.

Electrical Components

- Motor wiring in conduit.
- Motor starter (contactor with overload for three-phase; contactor for single-phase), factory-installed (mounted and wired).
- Door-interlocking disconnect switch (non-fused or fused).
- Hand-off auto (HOA) switch.
- Main fusing.
- Frequency inverters.

Select and specify Krueger Blower Coils
with our K-Select Selection Software!

* See individual models for each individual set of available features.