

BLOWER COILS: Modular



Providing you design flexibility to meet stringent requirements.

Krueger's KBM Modular Blower Coil is your solution for maximum flexibility and performance. With a wide selection of options, you can easily configure the unit to meet even the most stringent requirements of your building application. 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.



KBM Modular Blower Coil

CFM Range
600 - 10,000

Max ESP
Up to 3.5"

Max Coil Rows
Up to 10 rows

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

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STANDARD FEATURES*

Construction

- Modular design facilitates retrofit.
- Galvanized steel cabinet construction.
- 1" thick fiberglass insulation, glued and pinned in place.
- Gasketed, removable access panels sized for easy handling.
- Left and right hand arrangement.

Fan Assembly

- Single forward-curved fan sections.
- Statically and dynamically balanced.
- Solid steel shafting.
- Ball bearings with a minimum design average life (L50) of 100,000 hours.
- Fan decks with internal vibration isolation.

Fan Motor and Drive

- Single speed ODP motors.
- 1750 RPM single speed, 60 Hertz.
- Single phase motors with inherent thermal protection.
- Three phase motors.
- Standard cross section "V-belt" drive with 1.2 service factor.
- Adjustable pitch motor pulley and fixed pitch blower pulley.

Coils

- 1/2" O.D. seamless copper tubes.
- G60 steel coil casings.
- Collared aluminum fins.
- Manual air vent plug on all water coils.
- 300 PSIG Working Pressure at 200°F.
- Copper ODM sweat connections.
- 0.016" tube-wall thickness on water and evaporator coils.

Filters and Filter Rack

- Hinged side access flat filter rack.
- 2" pleated filters (30%).

Electrical

- Fan motor wired and terminated to junction box.
- All units cETL listed in compliance with UL/ANSI 1995.

Electric Heat Section

- Draw Thru or Blow Thru configurations.
- Factory mounted electric heater with single point power connection, ETL listed as an assembly.

OPTIONAL FEATURES*

Construction

- Double wall (solid or perforated) cabinets.
- Stainless steel IAQ drain pan with stainless steel male pipe threaded connection.
- Fan discharge arrangements.
- Scrim reinforced foil faced insulation.
- Hinged access panels with lift and turn fasteners.
- 4" Base rails with rigging slots factory assembled and installed.
- Access panels on all sections.

Fan Motor and Drive

- Direct drive plenum fans with internal rubber-in-shear (RIS) isolation.
- TEFC motors.
- High efficiency motors.
- Two-speed motors with contactors.
- Variable frequency drives, factory installed (mounted and wired).
- Motor starter (contactor with overload for three phase; contactor for single phase), factory installed (mounted and wired).

Coils

- 3, 4, 6 and 8 row chilled water or DX coils.
- Up to 4 rows hot water.
- Heating coil in preheat or reheat position.
- Coil connections opposite handing.
- Stainless steel coil casings.
- 0.025" tube-wall thickness.
- Auto air vents.

Filters and Filter Rack

- 4" high efficiency pleated filters (65, 85, and 95%).
- Mixing box with filter sections (flat or v-bank filter arrangements).

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.
- Medium and large inlet plenums with v-bank or flat filters.
- Parallel blade operation.
- Interconnecting damper linkage.
- Damper actuator (modulating from 100% OA to 100% RA).

Additional Modules

- Face and bypass with medium and small coils.
- Economizer sections.
- Discharge plenums.
- Access sections.

Electrical

- Motor wiring in conduit.
- Single phase fan control package.
- Three phase fan control package.
- Door interlocking disconnect switch (non-fused or fused).
- Fusing (main or per stage).
- Hand off auto switch (HOA).
- Frequency inverters.
- Electric heat interlock relay.
- Relays, transformers, etc.

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

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