

BLOWER COILS: Vertical, Small Footprint



Providing you solutions and support for small spaces.

When facing space limitations, Krueger's Small Footprint Blower Coils may be just the solution! These products offer many of the same features of standard sized units, but with a more compact design to fit into tight spaces. 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.



KSL

Small Footprint, Vertical Blower Coil with Bottom Return

CFM Range
800 - 3,000

Max ESP
Up to 2.0"

Max Coil Rows
Up to 6 rows

This model features a vertical configuration with a bottom return and a belt drive blower.



KSB

Small Footprint, Vertical Blower Coil with Rear Return

CFM Range
800 - 3,000

Max ESP
Up to 2.0"

Max Coil Rows
Up to 6 rows

This model features a vertical configuration with a rear return and a belt drive blower.

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STANDARD FEATURES*

Construction

- Galvanized-steel cabinet construction, minimum 18 gauge
- 1"-thick, 1.6-lb/ft,3 scrim-reinforced, foil-faced insulation, glued, taped and pinned in place
- 1" supply duct collars
- Gasketed, removable access panel sized for easy handling
- Galvanized-steel drain pan with 1-1/8" ODM copper pipe outlet
- Left- and right-hand arrangement

Fan Assembly

- Forward-curved (double-width, double-inlet) 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

- NEMA-design ODP motors
- 1750 RPM, single-speed, 60 Hertz
- 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

Coils

- AHRI Standard 410-certified and labeled
- 1/2" O.D. seamless copper tubes
- Collared and corrugated 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
- High-efficiency, aluminum-fin surface for optimizing heat transfer, pressure drop, and carryover

Filters and Filter Rack

- Top-access, flat-filter rack (KSB)
- Front-access filter rack (KSL)
- Standard-size, 2" nominal, throwaway filters

Electrical

- Fan motor wired and terminated to J-box
- All units ETL-listed in compliance with UL/ANSI Standard 1995

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

OPTIONAL FEATURES*

Construction

- Stainless-steel drain pan with 1" MPT galvanized pipe outlet
- External rubber-in-shear or spring-type vibration isolators, floor mount
- Fan-discharge arrangements
- Discharge plenum w/dbl.-deflection discharge grille
- Access panel with lift-and-turn fasteners
- Double wall access panel w/lift-and-turn fasteners
- Return plenum with removable panels (VB only)
- Base rails with rigging slots, factory-assembled and installed

Fan Motor and Drive

- TEFC motors
- High-efficiency motors

Coils

- 4 and 6-row chilled-water or R-22 DX coils
- 1 and 2-row hot-water coils
- Hot-water coil in preheat or reheat position
- Stainless-steel coil casings
- 0.025" tube-wall thickness on water and evaporator coils
- Auto air vents on water coils

Filters and Filter Rack

- Side-access filter rack (KSB)
- 2" pleated filter (MERV 6)
- Spare throwaway or pleated filters

Inlet-Damper Section (VR rear-return unit)

- 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

- 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) (with main fusing)
- Hand-off-auto switch (HOA)
- Main fusing

Electric-Heat Section

- Factory-mounted electric heater with single-point power connection, ETL-listed as an assembly

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