

FAN COILS: Horizontal High Performance



Providing you product support for a wide range of solutions.

Every building application is different and so too are their requirements, which is why Krueger offers a wide variety of Fan Coil solutions. From horizontal to vertical or concealed to exposed, you are sure to find the product that meets your needs. 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.



KHGE

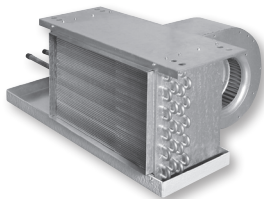
Horizontal High-Performance Fan Coil Unit, Exposed Cabinet

CFM Range
600 - 2,000

Max ESP
Up to 0.90"

Max Coil Rows
Up to 8 rows

Special features include stamped louver supply and return grilles and a powder coat finish.



KHGH

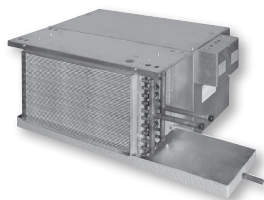
Horizontal High-Performance Fan Coil Unit, Concealed Ceiling

CFM Range
600 - 2,000

Max ESP
Up to 0.95"

Max Coil Rows
Up to 8 rows

This model is a low cost option and uses the ceiling space as the return plenum.



KHGP

Horizontal High-Performance Fan Coil Unit, Concealed with Plenum

CFM Range
600 - 2,000

Max ESP
Up to 0.90"

Max Coil Rows
Up to 8 rows

Special features include a built-in plenum for ducted return air and an optional telescoping bottom access panel.

FAN COILS: Horizontal High Performance



STANDARD FEATURES*

Construction

All Units

- AHRI Standard 440-certified and labeled.
- Galvanized-steel construction.
- 1/2" thick fiberglass insulation.
- 1 1/2" duct discharge collar.
- Four-point hanger mounting brackets.

Plenum Units

- Integral filter rack with 1" throwaway filter.
- Integral rear-ducted return.

Exposed Units

- Stamped louver supply-air and return-air grille.
- Durable powder-coat paint.
- 18 gauge bottom-panel construction.

Coils

- Cooling: 3 or 4-row chilled water or DX, heat-pump compatible
- Heating: 1 or 2-row hot water - reheat or preheat position.
- 3/8" O.D. seamless copper tubes.
- 0.012" tube-wall thickness.
- High-efficiency, aluminum-fin surface for optimizing heat transfer, pressure drop and carryover.
- Left-hand or right-hand, same or opposite-side connections.
- Access to entering and leaving air sides for cleaning.
- Removable for service.
- Manual air vents.

Drain Pans

- Single-wall, galvanized-steel, externally insulated - fire-retardant and antimicrobial.
- Positively sloped to drain connection.
- Removable, field-reversible.
- 7/8" O.D. primary-drain connection.

Fan Assemblies

- Forward-curved, DWDI, centrifugal-type blowers.
- 115-volt, single-phase, three-tap PSC motors.
- Quick-disconnect motor connections.
- Removable fan/motor deck for service.

Electrical

- cETL listed for safety compliance.
- Electrical junction box for field-wiring terminations.
- Terminal block for field connections.

Electric Heat

- ETL-listed as an assembly for safety compliance.
- Integral electric-heat assembly with removable elements for easy service.
- Automatic-reset primary and back-up secondary thermal limits.
- Single-point-power connection.
- Bottom-hinged electrical enclosure.

Select and specify Krueger Fan Coils
with our K-Select selection software!

* See individual models for their exact set of available features.

OPTIONAL FEATURES*

Construction

All Units

- Foil-faced fiberglass insulation.
- Elastomeric, closed-cell-foam insulation.

Plenum Units

- Bottom return.
- 1" pleated filters (MERV 8).
- Spare 1" throwaway filters.
- Telescoping-bottom panels.

Exposed Units

- 1" pleated filters (MERV 8).
- Double-deflection discharge grille.
- Ducted supply and/or return.

Coils

- Automatic air vents.
- Stainless-steel coil casings.
- 1/2" O.D. seamless copper tubes.
- 0.016" tube-wall thickness.

Drain Pans

- Stainless-steel construction with external insulation.
- 5/8" O.D. secondary-drain connection.
- Auxiliary drip pans, galvanized or stainless-steel.

Fan Assemblies

- 208-230, 220 & 277-volt, single-phase, three-tap PSC motors.

Electrical

- Bottom-hinged-cover electrical enclosure.
- SCR fan-speed controller.
- Fan-relay packages.
- Silent, solid-state fan relays.
- Toggle-disconnect switch.
- Condensate-overflow switch (drain pan).
- Main fusing.
- Unit and remote-mounted, three-speed fan switches.

Electric Heat

- Manual-reset, secondary thermal limits.
- Door-interlocking disconnect switches.
- Main fusing.
- Field-installable with ETL-listed kit.
- Silent relay/contactors.

Piping Packages

- Factory-assembled — shipped loose for field installation.
- 1/2" and 3/4", 2-way and 3-way, normally closed, two-position, electric, motorized valves.
- Isolation ball valves with memory stop.
- Fixed-flow and adjustable-flow control devices.
- Unions and P/T ports.
- Floating-point, modulating control valves.
- High-pressure, close-off actuators (1/2" = 50 PSIG; 3/4" = 25 PSIG).

Thermostats

- Remote-mounted analog, digital-display, or programmable.
- 2-pipe and 4-pipe control sequences.
- Automatic and manual changeover.
- Integral, three-speed, fan switches.