

FAN COILS: Vertical Standard



Providing you solutions for comfortable, efficient environments.

Different spaces require different products to ensure occupant comfort and energy efficiency. With Krueger's wide variety of Fan Coil solutions available, you are sure to find a product that is a perfect match for your 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.



KVFS

Vertical Standard Fan Coil Unit, Slant Top Cabinet

CFM Range
250 - 1,250

Max Coil Rows
Up to 4 rows

Special features include a slanted top surface and a powder coat finish.



KVFF

Vertical Standard Fan Coil Unit, Flat Top Cabinet

CFM Range
250 - 1,250

Max Coil Rows
Up to 4 rows

Special features include a flat top surface and a powder coat finish.



KVFH

Vertical Standard Fan Coil Unit, Concealed Floor

CFM Range
250 - 1,250

Max Coil Rows
Up to 4 rows

This model is a ducted unit with the option for a recessed wall panel.

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STANDARD FEATURES*

Construction

All Units

- AHRI Standard 440 certified and labeled.
- Galvanized steel construction.
- Insulation, KVFF / KVFS: elastomeric closed cell foam.
- Integral filter rack with 1" throwaway filter.

Concealed Units

- Top supply with duct collar.

Exposed Units

- Top stamped louver supply grille.
- Durable powder coat paint.
- End pockets with removable panels.
- 18 gauge exterior panel construction.
- Flat top.
- Sloped top.

Coils

- Cooling - 3 or 4 row chilled water or DX, heat pump compatible.
- Heating - 1 or 2 row hot water – reheat 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 or right hand, same or [opposite - KVFFH only] end connections.
- Removable for service.
- Manual air vents.

Drain Pans

- Single wall, galvanized steel, externally insulated.
- Double sloped to drain connection.
- 3/4" M.P.T. auxiliary drain pan connection.
- Double wall plastic auxiliary drip pan.

Fan Assemblies

- Forward curved, DWDI centrifugal type.
- 115 volt, single phase, three speed PSC motors.
- Quick disconnect motor connections.
- Removable for service.

Electrical

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

Electric Heat

- Finned tubular element on all floor mounted units protects against electrical shock.
- 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.

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

OPTIONAL FEATURES*

Construction

All Units

- Manual and motorized outside air dampers.
- Spare filters.
- Wall boxes (KVFF / KVFS).
- Leveling legs.

Concealed Units

- Wall recessing panels (KVFF / KVFS).

Exposed Units

- Linear bar discharge grille, powder coated.
- 16 gauge front panel.
- Return air louver grille.
- 2" - 8" falsebacks (KVFF / KVFS).
- Extended end pockets (KVFF / KVFS).
- Tamper proof fasteners.

Coils

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

Drain Pans

- Stainless steel construction with external insulation.
- Double wall plastic auxiliary drain pan - extended length (KVFF / KVFS).
- Stainless steel auxiliary drain pan - extended length (KVFF / KVFS).

Fan Assemblies

- 208-230 & 277 volt, 60 Hz and 220 volt, 50 Hz motors.

Electrical

- SCR fan speed controller (high speed only); fan relay packages.
- Silent solid state fan relays (KVFF / KVFS).
- Toggle disconnect switch.
- Condensate overflow switch (auxiliary drain pan).
- Main fusing.
- Unit and remote mounted three speed fan switches.

Electric Heat

- Door interlocking disconnect switches; main fusing.
- Silent relay/contactors (KVFF / KVFS).

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.
- 4 pipe with 3-way valve.
- Fixed and adjustable flow control devices.
- Unions and P/T ports.
- Modulating control valves.
- High pressure close-off actuators (1/2" = 50 PSIG; 3/4" = 25 PSIG).

Thermostats

- Analog, digital display, or programmable.
- Unit and remote mounted, with integral three speed fan switch.
- 2 and 4-pipe control sequences.
- Automatic and manual changeover.

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