

COIL & FILTER DATA

COILS

Krueger offers hot water, chilled water, direct expansion (DX), and standard steam coils for specific application with all KHG Series A fan coil units. Strict on-site inspection before, during, and after installation guarantees the highest quality and performance available.

STANDARD FEATURES

- Cooling - 3, 4 or 6-row chilled water or DX
- Heating - 1, 2, 3 or 4-row hot water, or 1 or 2-row steam
- 8 total rows of cooling and heating coils maximum
- 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 connections
- Manual air vents

OPTIONAL FEATURES

- 1/2" O.D. seamless copper tubes
- 0.016" or 0.025" tube wall thickness
- Automatic air vents
- Stainless steel coil casings
- DX coils are heat pump compatible

Krueger offers a web-based fan coil rating and selection program for complete unit, coil, and sound selection. Contact your representative for more information.

NOMINAL COIL CONNECTION SIZES

UNIT SIZE	COIL TYPE						
	WATER				STEAM		
	1-ROW	2-ROW	3-ROW	4-ROW	6-ROW	1-ROW	2-ROW
06	5/8" (16)	5/8" (16)	7/8" (22)	7/8" (22)	7/8" (22)	5/8" (16)	7/8" (22)
08	5/8" (16)	5/8" (16)	7/8" (22)	7/8" (22)	7/8" (22)	5/8" (16)	7/8" (22)
10	5/8" (16)	5/8" (16)	7/8" (22)	7/8" (22)	7/8" (22)	5/8" (16)	7/8" (22)
12	5/8" (16)	5/8" (16)	7/8" (22)	7/8" (22)	7/8" (22)	7/8" (22)	7/8" (22)
14	7/8" (22)	7/8" (22)	1 1/8" (29)	1 1/8" (29)	1 1/8" (29)	7/8" (22)	1 1/8" (29)
16	7/8" (22)	7/8" (22)	1 1/8" (29)	1 1/8" (29)	1 1/8" (29)	7/8" (22)	1 1/8" (29)
18	7/8" (22)	7/8" (22)	1 1/8" (29)	1 1/8" (29)	1 1/8" (29)	7/8" (22)	1 1/8" (29)
20	7/8" (22)	7/8" (22)	1 1/8" (29)	1 1/8" (29)	1 1/8" (29)	7/8" (22)	1 1/8" (29)

NOTES: All dimensional data is outside diameter (O.D.), measured in inches (millimeters). See submittal drawings for connection locations. Connection sizes are for standard circuit coils. Consult factory for special applications. Direct Expansion (DX) suction header connection sizes are either 5/8" (16mm) or 7/8" (22mm). Refer to coil selection. DX coils include a fixed orifice distributor for multi-circuited coils. A DX coil with a single circuit requires no distributor. Thermal expansion valves (TXV's) are field supplied by others.

FACE AREA, FREE AREA, AND FILTER SIZES

UNIT SIZE	COIL FACE AREA	NOMINAL FILTER SIZES	1" THROWAWAY FACE AREA	1" PLEATED GROSS MEDIA AREA	2" PLEATED GROSS MEDIA AREA
06	1.46 [0.14]	(Qty 1) 16" x 16" (406 x 406)	1.62 [0.15]	4.0 [0.37]	5.4 [0.50]
08	1.94 [0.18]	(Qty 1) 16" x 20" (406 x 508)	2.04 [0.19]	4.8 [0.45]	6.8 [0.63]
10	2.33 [0.22]	(Qty 1) 16" x 25" (406 x 381)	2.57 [0.24]	6.0 [0.56]	8.5 [0.79]
12	2.82 [0.26]	(Qty 2) 16" x 16" (406 x 406)	3.23 [0.30]	8.0 [0.74]	10.4 [0.97]
14	3.31 [0.31]	(Qty 1) 16" x 16" -- and -- (Qty 1) 16" x 20" (Qty 1) (406 x 406) -- and -- (Qty 1) (406 x 508)	3.65 [0.34]	8.8 [0.82]	12.2 [1.13]
16	3.79 [0.35]	(Qty 2) 16" x 20" (406 x 508)	4.08 [0.38]	9.6 [0.89]	13.4 [1.24]
18	4.28 [0.40]	(Qty 1) 16" x 20" -- and -- (Qty 1) 16" x 25" (Qty 1) (406 x 508) -- and -- (Qty 1) (406 x 635)	4.61 [0.43]	10.8 [1.00]	14.3 [1.33]
20	4.67 [0.43]	(Qty 2) 16" x 25" (406 x 635)	5.14 [0.48]	12.0 [1.11]	17.0 [1.58]

NOTES: Face and free areas are in square feet [square meters]. Filter sizes are in inches (millimeters).