

MODEL

- KQFS-FA - Ultra quiet, fresh air, series fan powered terminal unit

FEATURES

- Additional fresh air inlet to provide pressure independent ventilation control
- 20 gauge casing construction
- Direct digital controls
- Easily removable access panel

MOTORS

- PSC Motors - Manually adjustable SCR speed controller
- EC Motors - Constant airflow, pressure independent
- Manual, 0-10VDC, 2-10VDC speed controller options for EC motors
- Multi-voltage: 120V, 208/240V, or 277V 1-phase

LINERS

- Dual Density Fiberglass - 1/2" or 1" thick
- Cellular - Fiber free, 1/2" or 1" thick
- Foil Encapsulated Fiberglass - 1/2" or 1" thick
- Steriliner - Foil faced duct board - 13/16" thick
- Sterilwall - Solid double wall with 1/2" or 1" thick dual density fiberglass
- Perforated double wall with 1/2" or 1" thick dual density fiberglass or foil encapsulated fiberglass

HOT WATER REHEAT

- 1/2" O.D. copper tubes (0.016" tube wall thickness)
- 0.0045" thick aluminum fins
- 10 or 12 FPI (fins per inch)
- 1, 2, 3, or 4 rows of heating
- Left-hand or right-hand coil connections
- Vent and drain option available
- AHRI 410 certified

ELECTRIC HEAT

- Up to 3 stages of electric heat
- Solid state relays available for silent operation
- Available with LineaHeat™, silent operating electronic proportional control
- Line voltage Options:
 - 120, 208/240, 277, 480 volt (with neutral), 1-phase
 - 208 volt, 3-phase, 3-wire
 - 480 volt, 3-phase, 4-wire (with neutral)



TERMINAL UNITS

KQFS-FA

COMPATIBLE OPTIONS AND ACCESSORIES

- Motor toggle disconnect switch
- Door interlocking disconnect switch
- Fan motor fuse
- Main line fuses
- Construction induction inlet filter

CERTIFICATIONS

- AHRI 880 certified sound performance data
- ETL Listed - Adherence to UL 1995 and CSA C22.2 No. 236

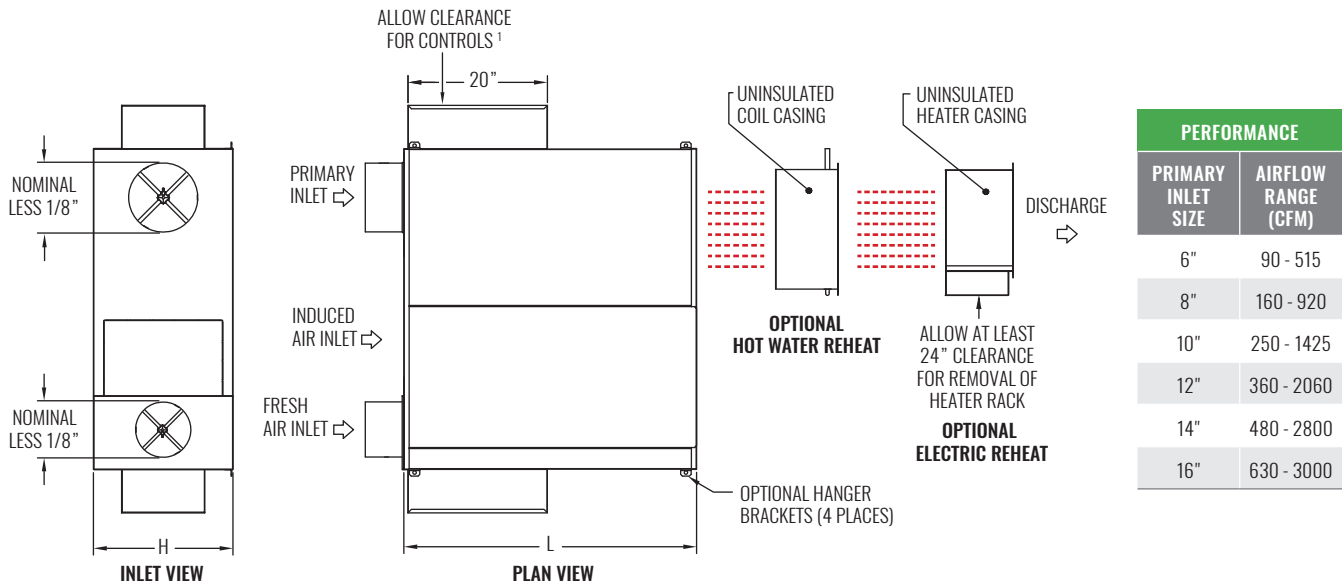
WEB SEARCH: KQFS-FA

KQFS-FA

Ultra Quiet Fan Powered Terminal Unit, Series Flow, Fresh Air



DIMENSIONAL DATA



NOTES: Left-hand unit with electronic control enclosure shown; right-hand is available. Hand is determined by primary inlet side. Discharge requires flanged duct; connection by others. See table below for dimensional references.

¹ Check NEC for unit clearance requirements.

PERFORMANCE AND DIMENSIONAL DATA

SIZE		PERFORMANCE				DIMENSIONS					
UNIT	AVAILABLE INLETS (in.)	FAN AIRFLOW RANGE (CFM)	NOMINAL FAN AIRFLOW (CFM)	RADIATED / DISCHARGE NC	MOTOR HP	L	W	H	BASE UNIT DISCHARGE	HOT WATER DISCHARGE	ELECTRIC HEAT DISCHARGE
PSC MOTOR											
2	6, 8	50 - 530	370	27 / 29	1/10	36 1/8"	36 1/8"	18 1/16"	14"x11"	17"x15 1/8"	14 1/2"x11 1/2"
3	6, 8, 10, 12	200 - 1110	800	34 / 28	1/4	36 1/8"	36 1/8"	18 1/16"	14"x11"	17"x15 1/8"	14 1/2"x11 1/2"
4	8, 10, 12	500 - 1400	1000	36 / 31	1/4	42 1/8"	46 1/8"	20 1/16"	14"x11"	17"x15 1/8"	14 1/2"x11 1/2"
5	10, 12, 14	800 - 1850	1300	35 / 29	1/2	42 1/8"	46 1/8"	20 1/16"	17"x15"	25"x17 5/8"	17"x15"
6	10, 12, 14, 16	1200 - 2600	1800	38 / 32	3/4	42 1/8"	46 1/8"	20 1/16"	17"x15"	25"x17 5/8"	17"x15"
7	10, 12, 14, 16	1250 - 3000	2100	43 / 35	1	42 1/8"	46 1/8"	20 1/16"	17"x15"	25"x17 5/8"	17"x15"
EC MOTOR											
3	6, 8, 10, 12	250 - 1050	750	32 / 26	1/2	36 1/8"	36 1/8"	18 1/16"	14"x11"	17"x15 1/8"	14 1/2"x11 1/2"
6	10, 12, 14, 16	500 - 2000	1400	32 / 27	1	42 1/8"	46 1/8"	20 1/16"	17"x15"	25"x17 5/8"	17"x15"
7	10, 12, 14, 16	600 - 2500	1750	36 / 32	1	42 1/8"	46 1/8"	20 1/16"	17"x15"	25"x17 5/8"	17"x15"

NOTES: Information shown is abbreviated. See website for complete information. Discharge sound power is the sound emitted from the unit discharge. Radiated sound power is the sound transmitted through the casing walls. All sound data is based on tests conducted in accordance with AHRI 880-11. NC application data is based on Sound Power levels (dB, re 10⁻¹² Watts) applied to AHRI Standard 885-08 Appendix E, as a function of flow rate shown. All data points listed are application ratings outside the scope of the Certification Program.

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