

MODEL

- KQFP - Ultra quiet, parallel fan powered terminal unit

FEATURES

- 20 gauge casing construction
- Pneumatic, analog, or direct digital controls
- Easily removable access panel

MOTORS

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

LINERS

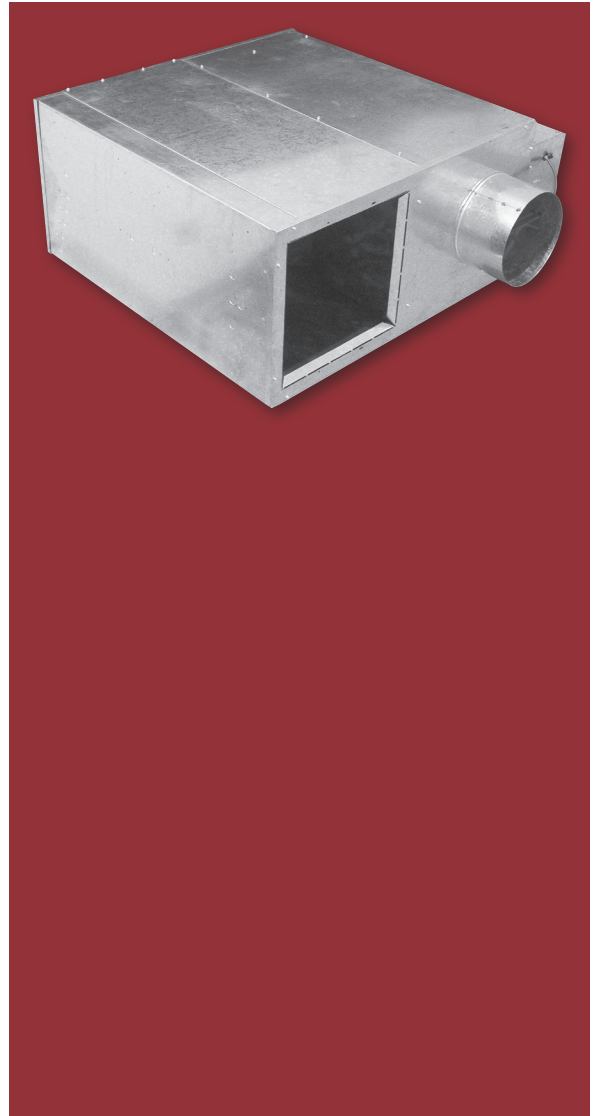
- Dual Density Fiberglass - 1/2" or 1" thick
- Cellular - Fiber free, 1/2" or 1" thick
- Foil Encapsulated Fiberglass - 1/2" or 1" thick
- Steriliner - Foil faced duct board, 13/16" thick
- Sterilwall - Solid double wall with 1/2" or 1" thick dual density fiberglass
- Perforated double wall with 1/2" 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
- Induced inlet and discharge mounting configurations
- 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)



COMPATIBLE OPTIONS AND ACCESSORIES

- Motor toggle disconnect switch
- Door interlocking disconnect switch
- Fan motor fuse
- Main line fuses
- Construction induction inlet filter
- MERV 8 induction inlet filter

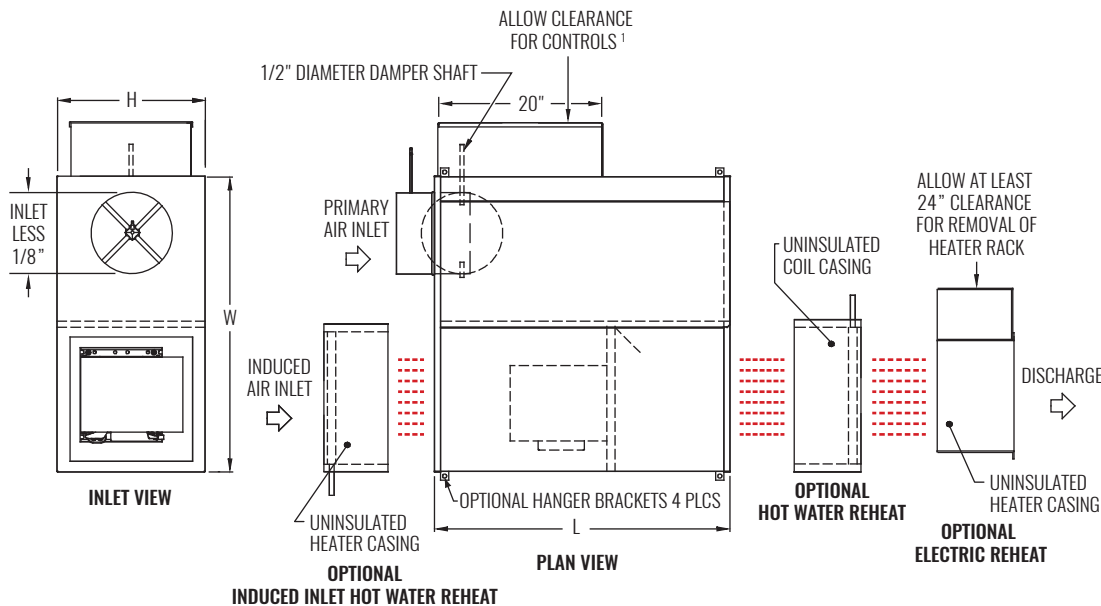
CERTIFICATIONS

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

WEB SEARCH: KQFP



DIMENSIONAL DATA



PERFORMANCE	
PRIMARY INLET SIZE	AIRFLOW RANGE (CFM)
6"	90 - 515
8"	160 - 920
10"	250 - 1425
12"	360 - 2060
14"	480 - 2800
16"	630 - 3660

NOTES: Left-hand unit with electronic control enclosure shown; right-hand is available. 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)	PRIMARY AIRFLOW (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	150 - 500	700	350	35 / 22	1/4	39 1/2"	36 1/8"	18 1/16"	14"x11"	17"x15 1/8"	14 1/2"x11 1/2"
3	6, 8, 10	160 - 800	1100	550	33 / 26	1/4	39 1/2"	36 1/8"	18 1/16"	14"x11"	17"x15 1/8"	14 1/2"x11 1/2"
4	6, 8, 10, 12	190 - 900	1260	630	33 / 22	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	480 - 1700	1600	800	35 / 21	1/2	42 1/8"	46 1/8"	20 1/16"	17"x15"	25"x17 5/8"	17"x15"
6	10, 12, 14, 16	500 - 1700	2000	1000	40 / 28	1/2	42 1/8"	46 1/8"	20 1/16"	17"x15"	25"x17 5/8"	17"x15"
7	10, 12, 14, 16	780 - 2000	2400	1200	42 / 27	3/4	42 1/8"	46 1/8"	20 1/16"	17"x15"	25"x17 5/8"	17"x15"
EC MOTOR												
3	6, 8, 10, 12	150 - 1000	1400	700	35 / 24	1/2	39 1/2"	36 1/8"	18 1/16"	14"x11"	17"x15 1/8"	14 1/2"x11 1/2"
7	10, 12, 14, 16	240 - 1600	2240	1120	41 / 26	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.