

KQFP Unit Capacities & Damper Leakage
KQFP, UNIT CAPACITIES

		KQFP with PSC Motor							
Unit Size	Inlet Size	Primary Airflow		Fan Airflow		Motor HP	Motor Amps		
		Max.	Min.	Max.	Min.		120V	208/240V	277V
2	6	515	90 or 0	500	150	1/4	2.6	1.5	1.1
	8	920	160 or 0						
3	6	515	90 or 0	800	160	1/4	3.1	1.7	1.3
	8	920	160 or 0						
	10	1430	250 or 0						
4	6	515	90 or 0	900	190	1/4	3.4	1.9	1.4
	8	920	160 or 0						
	10	1430	250 or 0						
	12	2060	360 or 0						
5	10	1430	250 or 0	1700	480	1/2	7.3	4.1	3.1
	12	2060	360 or 0						
	14	2800	480 or 0						
6	10	1430	250 or 0	1700	500	1/2	7.3	4.1	3.1
	12	2060	360 or 0						
	14	2800	480 or 0						
	16	3660	630 or 0						
7	10	1430	250 or 0	2000	780	3/4	9.5	5.8	4.4
	12	2060	360 or 0						
	14	2800	480 or 0						
	16	3660	630 or 0						

FAN POWERED TERMINAL UNITS

		KQFP with ECM Motor							
Unit Size	Inlet Size	Primary Airflow		Fan Airflow		Motor HP	Motor Amps		
		Max.	Min.	Max.	Min.		120V	208/240V	277V
4	6	515	90 or 0	1000	150	1/2	7.7	5.0	4.1
	8	920	160 or 0						
	10	1430	250 or 0						
	12	2060	360 or 0						
7	10	1430	250 or 0	1600	240	1	12.8	10.5	6.9
	12	2060	360 or 0						
	14	2800	480 or 0						
	16	3660	630 or 0						

NOTES: KQFP maximum primary airflow (CFM) is based on 1.00" WG differential pressure signal from inlet airflow sensor. Minimum recommended airflow (CFM) is based on 0.03" WG differential pressure of the inlet airflow sensor, or 0 CFM. 0.03" WG is equal to 15%–20% of the nominal flow rating of the terminal. Less than 15%-20% may result in greater than +/-5% control of box flow. Maximum/minimum fan airflow (CFM) is based on 0.25" WG external downstream static pressure. See page B2-38 and B2-39 for complete fan curves.

KQFP, DAMPER LEAKAGE DETAIL

Inlet Size	Damper Leakage		
	1.5" WG	3.0" WG	6.0" WG
	CFM	CFM	CFM
6	4	5	7
8	4	5	7
10	4	5	7
12	4	5	7
14	4	6	8
16	5	7	9

NOTES: Damper leakage is measured with the damper fully closed using an actuator. A precision low flow orifice is used upstream of the unit to measure the leakage rate as a function of the measured upstream static pressure. Leakage testing conducted in accordance with ASHRAE 130-2008.