

**QFV Unit Capacities & Damper Leakage**
**QFV, UNIT CAPACITIES**

Unit Size	Inlet Size	QFV with PSC Motor							QFV with Attenuator				
		Primary Airflow		Fan Airflow		Motor HP	Motor Amps			Primary Airflow		Fan Airflow	
		Max.	Min.	Max.	Min.		120V	208/240V	277V	Max.	Min.	Max.	Min.
2	6	515	90 or 0	400	200	1/10	1.6	0.9	0.7	515	90 or 0	400	200
	8	920	160 or 0							920	160 or 0		
3	8	920	160 or 0	600	300	1/10	2	1.2	0.9	920	160 or 0	600	300
	10	1430	250 or 0							1430	250 or 0		
4	10	1430	250 or 0	1050	480	1/4	3.2	1.9	1.4	1430	250 or 0	1050	480
	12	2060	360 or 0							2060	360 or 0		
5	12	2060	360 or 0	1500	860	1/2	7.3	4.1	3.1	2060	360 or 0	1500	860
	14	2800	480 or 0							2800	480 or 0		
6	14	2800	480 or 0	1800	930	1/2	10.1	5.1	4.2	2800	480 or 0	1800	930
	16	3660	630 or 0							3660	630 or 0		
7	16	3660	630 or 0	2200	1140	3/4	9.5	5.8	4.4	3660	630 or 0	2200	1140

NOTES: QFV 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 B2-78 and B2-79 for complete fan curves.

**QFV, 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.