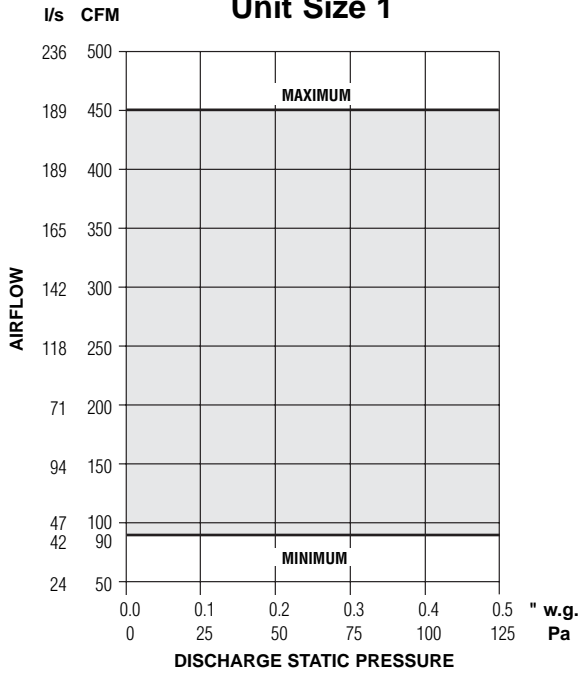


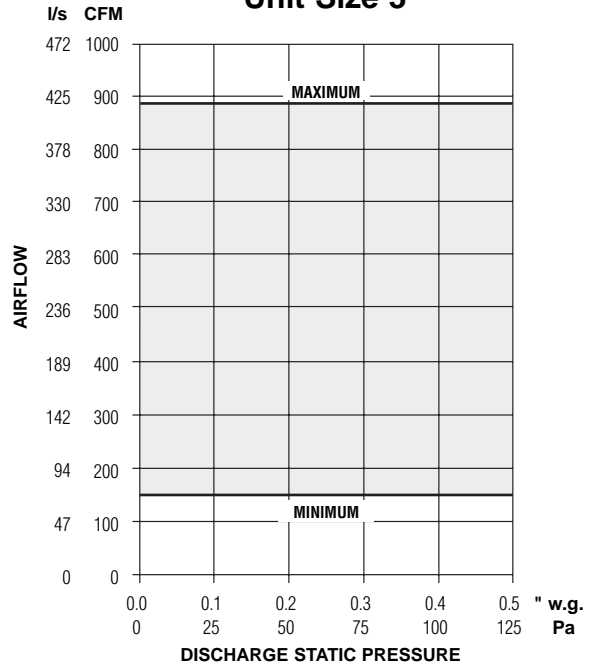
Model Series 38S • Underfloor Fan Powered Terminal Units • Series Flow Performance Data • Fan Curves – Airflow vs. Downstream Static Pressure

ECM "Brushless DC" Motors

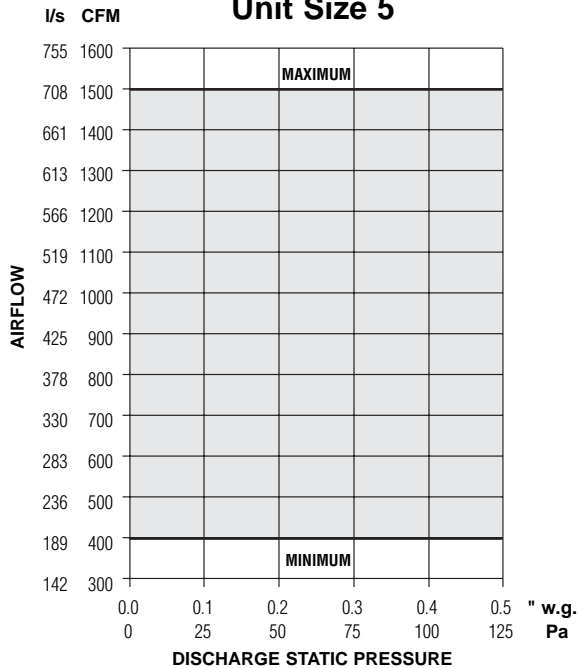
Unit Size 1



Unit Size 3



Unit Size 5



Electrical Data

Unit Size	ECM Motor FLA			
	Voltage	120/1/60	208/240/1/60	277/1/60
1	Watts	277	276	270
	FLA	3.7	1.9	1.9
3	Watts	420	450	410
	FLA	5.8	3.4	2.9
5	Watts	810	830	800
	FLA	12.6	5.7	5.9

FLA = Full load amperage

Notes:

- The fan curves for the ECM motor are unlike those for traditional PSC motors. The ECM motor is constant volume at factory or field set point and airflow does not vary with changing static pressure conditions. The motor compensates for any changes in external static pressure such as filter loading.
- Airflow can be set to operate on horizontal performance line at any point within shaded area using the solid state volume controller provided.
- Fan curves shown are applicable to 120/208/240 and 277 volt, single phase ECM motors. ECM motors, although DC in operation, include a built-in inverter.

D

UNDERFLOOR FAN POWERED TERMINAL UNITS