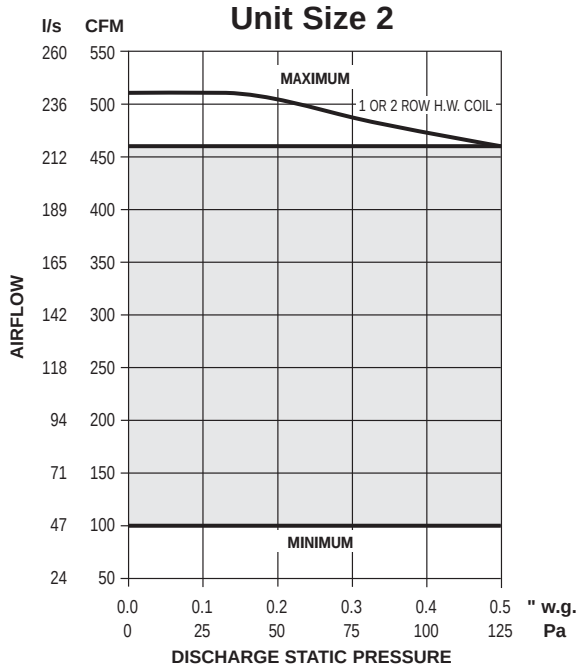
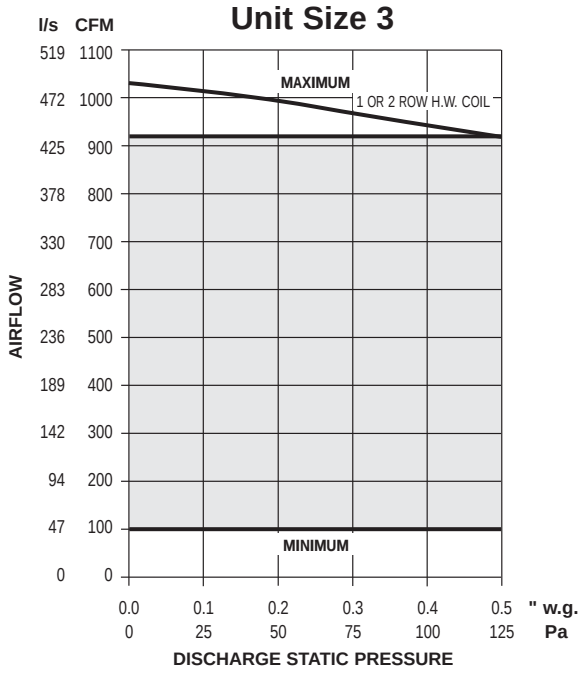
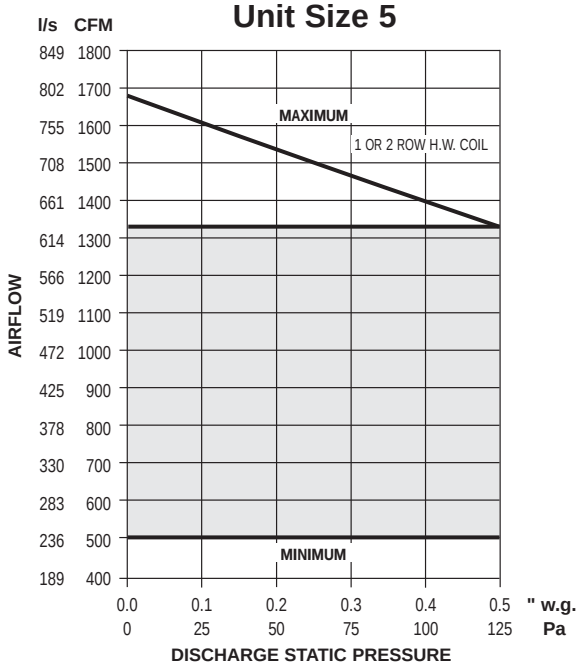
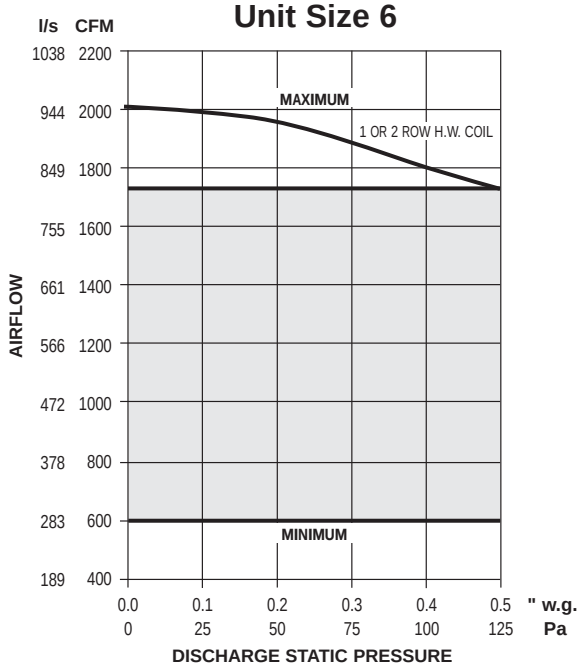
Performance Data

ECM Motor Option - Fan Curves – Airflow vs. Downstream Static Pressure
35N Series • Parallel Flow • EPIC Fan Technology®









Electrical Data

Unit Size	Motor H.P.	ECM Motor FLA		
		120/1/60	208/1/60	277/1/60
2	1/3	3.9	2.2	1.8
3	1/3	6.9	3.9	3.5
5	3/4	11.9	6.8	6.1
6	3/4	13.7	7.9	6.7

FLA = Full load amperage

NOTES:

- The fan curves for the ECM motor are unlike those for traditional PSC motors. The ECM motor is pressure independent and constant volume in operation at factory or field set point within the shaded area. Airflow does not vary with changing static pressure conditions. The motor compensates for any changes in external static pressure or induced air conditions 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 120/240, 208 and 277 volt, single phase ECM motors. ECM motors, although DC in operation, include a built-in inverter.