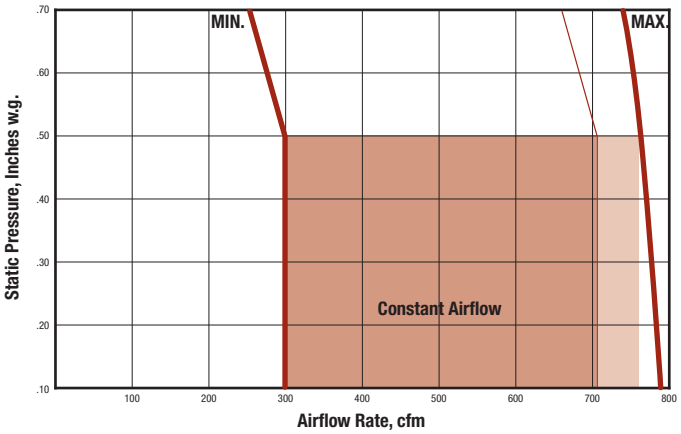
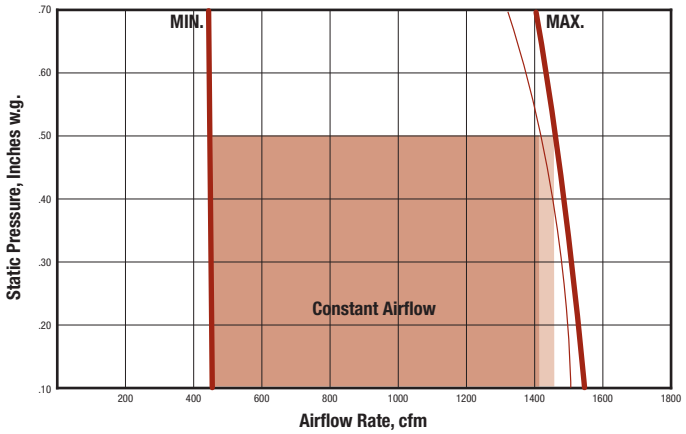
Performance Data

FDV - Fan Performance Curves – ECM Motor

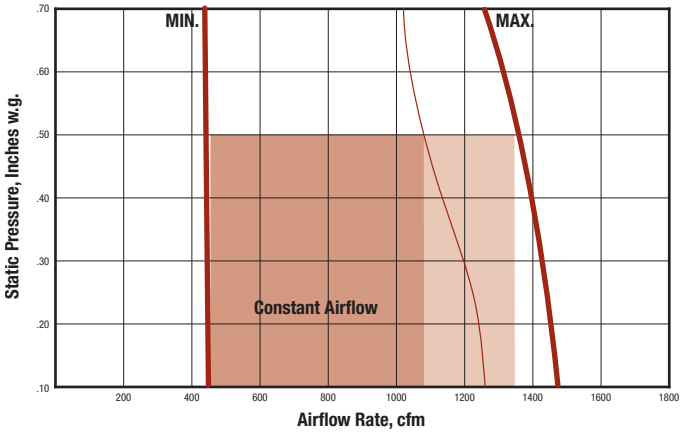
Unit Size 20 - No Coil, 1 and 2 Row Coil



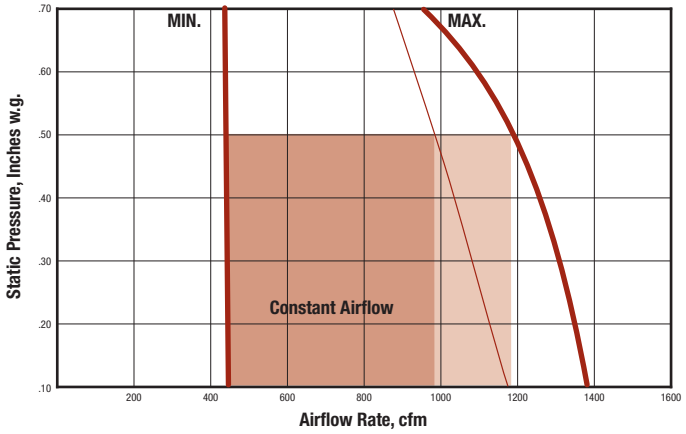
Unit Size 30 - No Coil



Unit Size 30 - 1 Row Coil



Unit Size 30 - 2 Row Coil



Legend

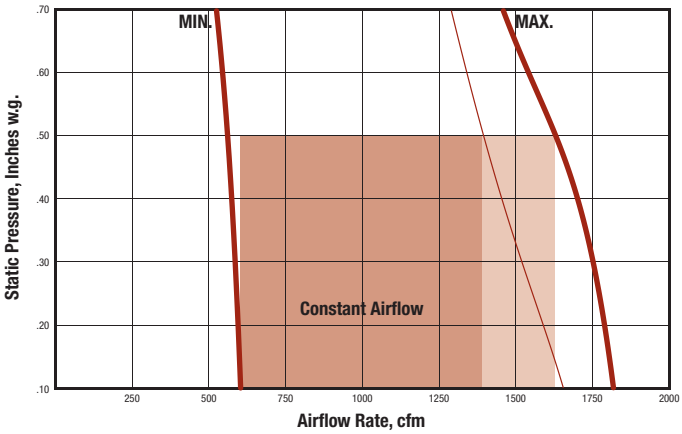
No Filter

With Filter (MERV8 or 13)

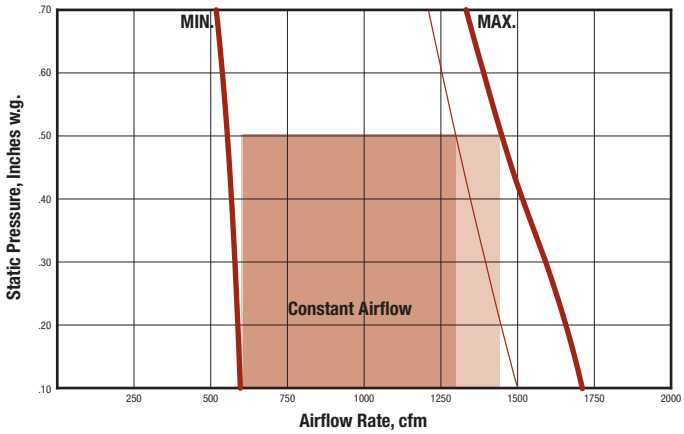
Performance Data

FDV - Fan Performance Curves – ECM Motor

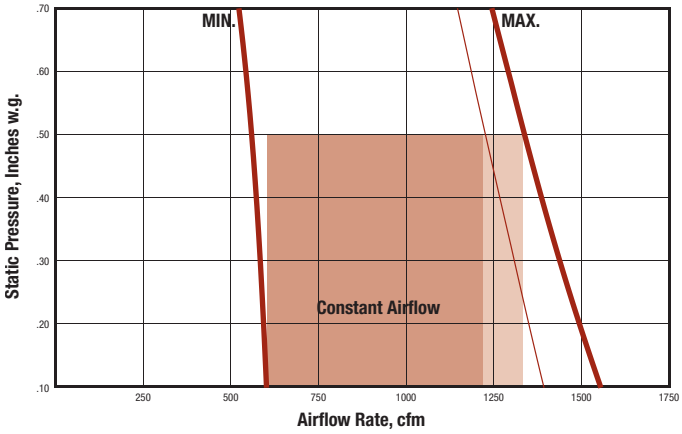
Unit Size 40 - No Coil



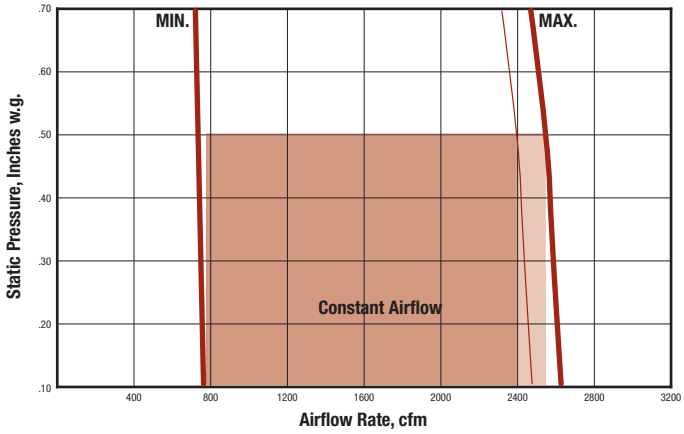
Unit Size 40 - 1 Row Coil



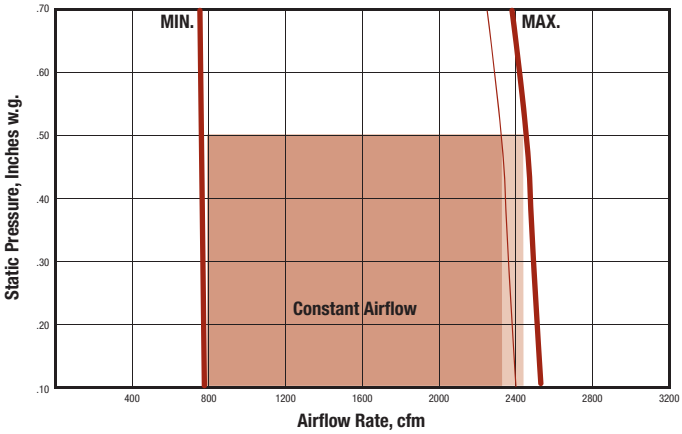
Unit Size 40 - 2 Row Coil



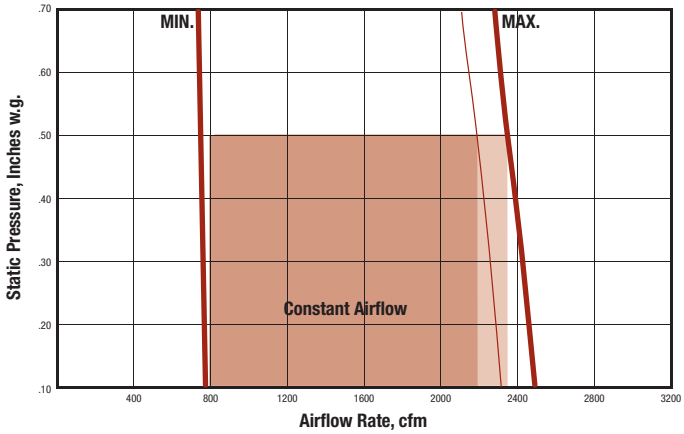
Unit Size 50 - No Coil



Unit Size 50 - 1 Row Coil



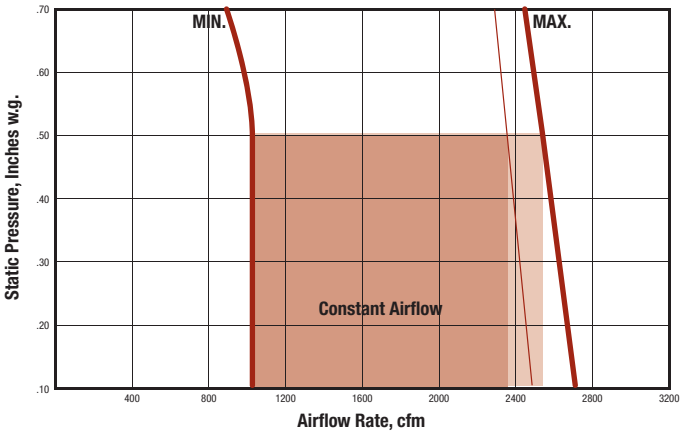
Unit Size 50 - 2 Row Coil



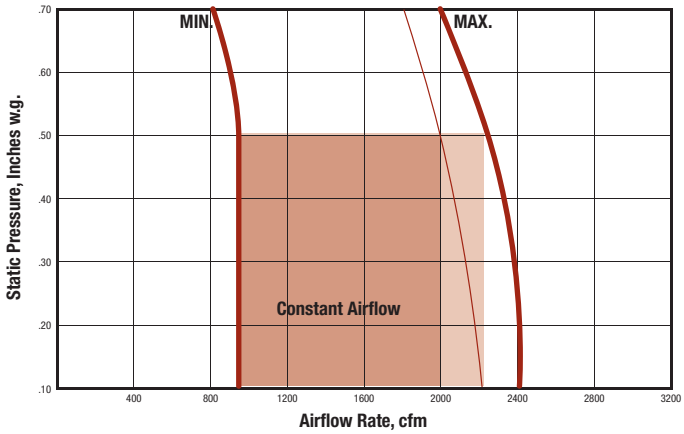
Performance Data

FDV - Fan Performance Curves – ECM Motor

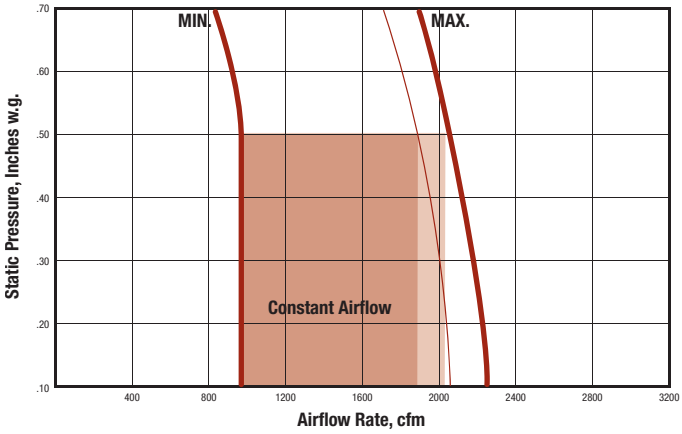
Unit Size 60 - No Coil



Unit Size 60 - 1 Row Coil



Unit Size 60 - 2 Row Coil



Caution to Contractors

Fan powered terminal units are not intended for use as temporary heat or ventilation during building construction. The terminal units are not designed nor equipped to operate in a dusty construction environment. Recirculating fan wheels can become coated with construction dust, resulting in an unbalanced wheel. This in turn can contribute to reduced motor life. Inlet air filters would provide little protection as they would quickly become plugged with construction dust.

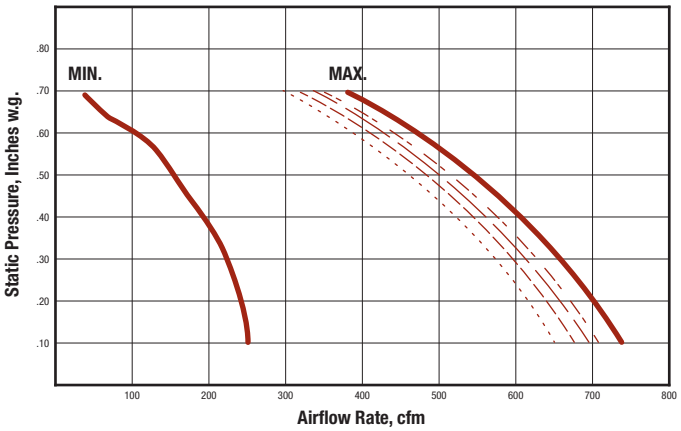
A fan powered terminal unit should never be operated if the downstream ductwork has not been installed. A minimum of 0.10 in. w.g. downstream static pressure resistance is required for safe operation of the recirculating fan motor. For terminal units with electric reheat a minimum discharge static of 0.2"w.g. is recommended for stable operation of heater controls.

Please Note: Price cannot warrant against unauthorized operation under conditions as outlined on this page.

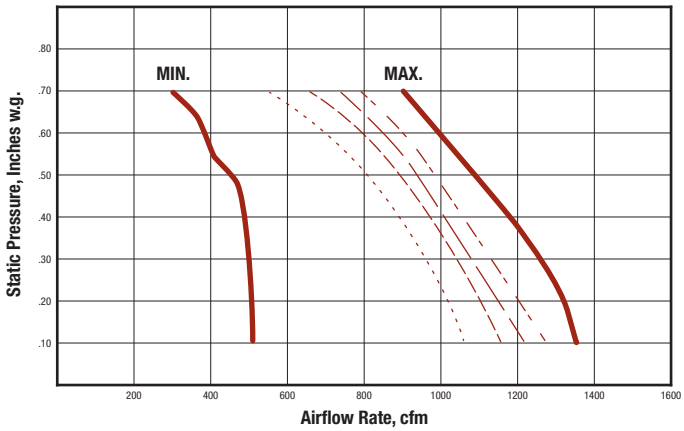
Performance Data

FDV - Fan Performance Curves – PSC Motor

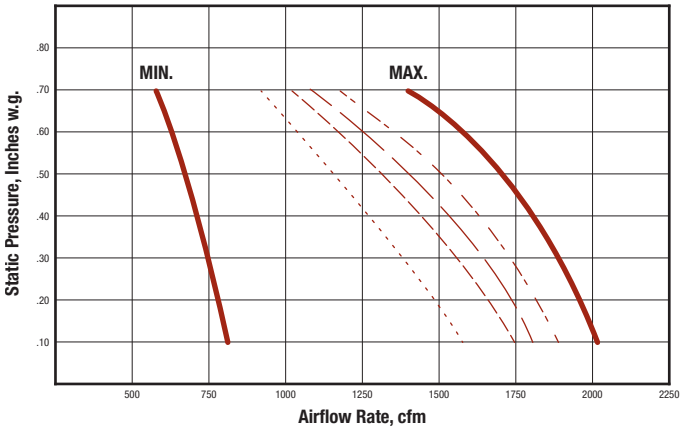
Unit Size 20



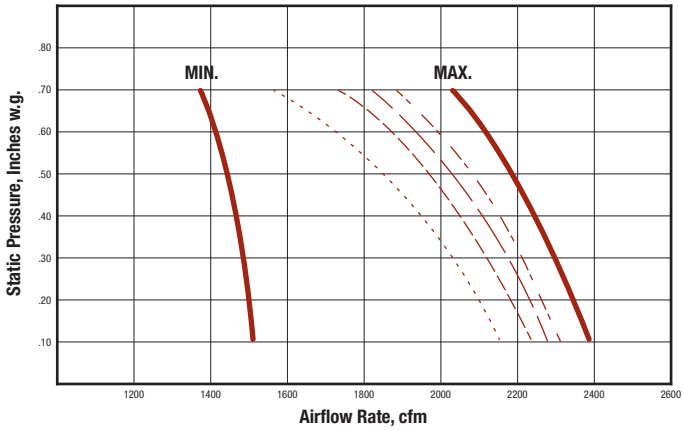
Unit Size 30



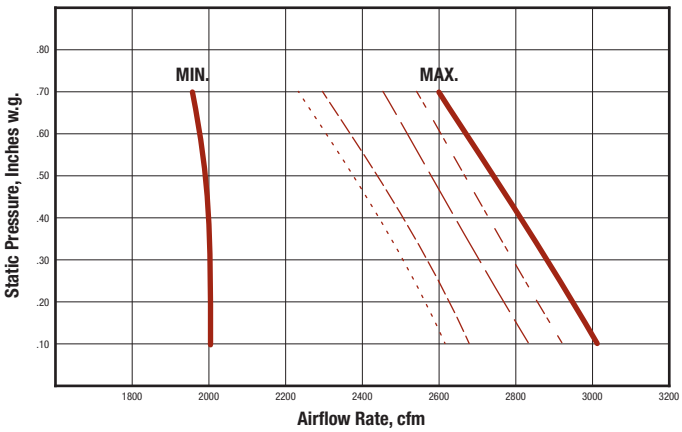
Unit Size 40



Unit Size 50



Unit Size 60



Note: Data obtained in accordance with AHRI Standard 880-2008.

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Please Note: Price cannot warrant against unauthorized operation under conditions as outlined on this page.

Maximum Flow

- No Coil or Electric Coil
- 1 Row Water Coil
- 2 Row Water Coil
- 1 Row High Capacity
- 2 Row High Capacity

Derate fan capacity by 10% when inlet filters are supplied

Performance Data

FDV - Recommended Air Volume Ranges

CP 101

Unit Size	L/s Min.*	L/s Max.	cfm Min.*	cfm Max.
6	31	212	66	450
8	62	378	132	800
10	104	637	221	1350
12	146	991	310	2100
14	207	1416	439	3000
16	268	1888	568	4000

Electronic or Digital Controls

Unit Size	L/s Min.*	L/s Max.	cfm Min.*	cfm Max.
6	31	212	66	450
8	62	378	132	800
10	104	637	221	1350
12	146	991	310	2100
14	207	1416	439	3000
16	268	1888	568	4000

Notes:

Factory calibrated controls must be selected within the above flow range limits. A minimum value of zero is also available.

The maximum flow setting of the controller must be equal to or less than the selected capacity of the recirculating fan.

On controls mounted by Price but supplied by others, the air volume ranges are guidelines only.

* Selection of airflow limits below the listed values is not recommended. Stability and accuracy may not be acceptable at lower than recommended airflow limits. The actual performance will vary depending on the terminal unit controls supplied.

Minimum air fl ow limit is based on min .02 in. w.g. differential pressure signal from airflow sensor. Selection of air fl ow limits below the listed values is not recommended. Stability and accuracy may not be acceptable at lower than recommended airflow limits. The actual performance will vary depending on the terminal unit controls supplied. Maximum airflow limit is based on max 1.0 in. w.g. differential pressure signal from airflow sensor.