

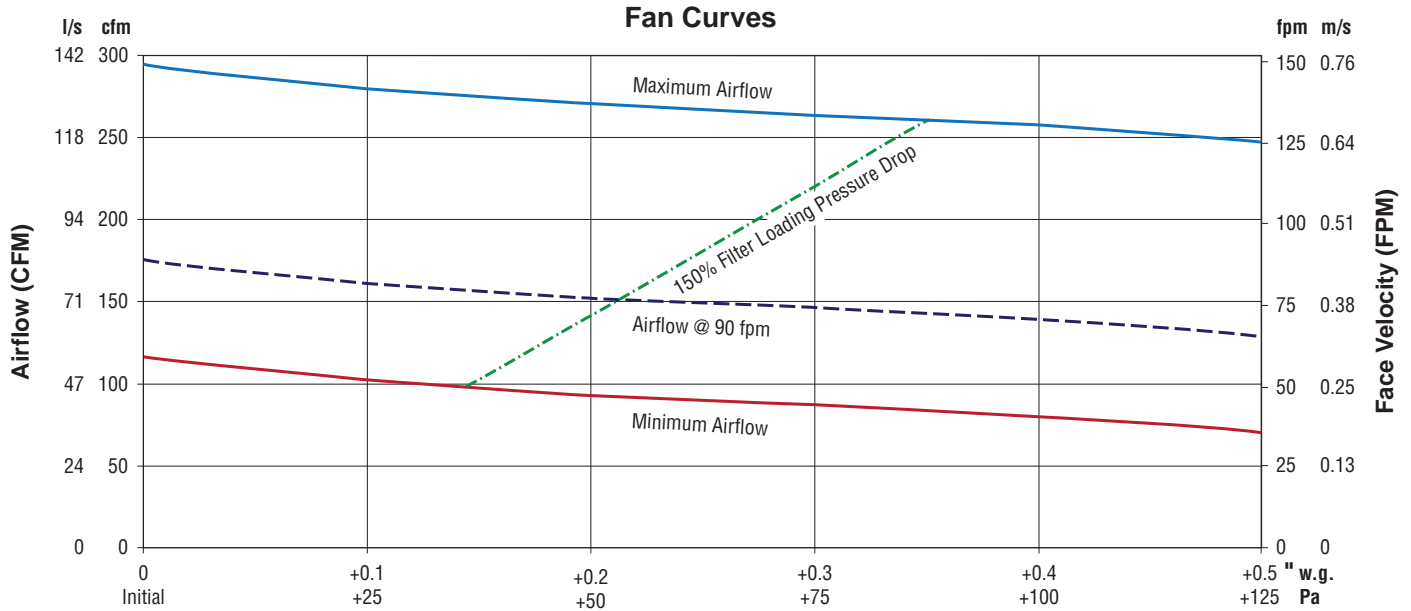
PERFORMANCE DATA:

92FFD SERIES • FAN PERFORMANCE CURVES

ECM • With HEPA Filter • 99.99% Minimum Removal Efficiency on 0.30 Micrometer Particle Size

Unit Size 24" x 24" (610 x 610)

120V, 208V, 240V and 277V

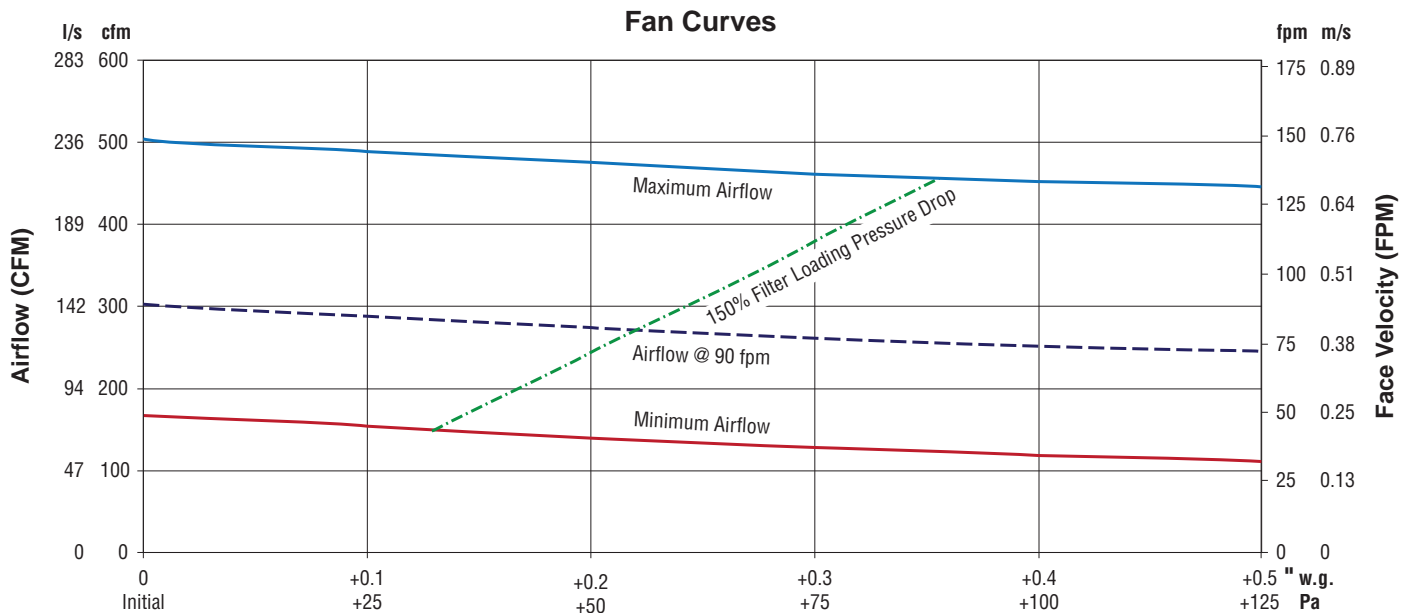


**Airflow @ Initial Filter Resistance
Loaded Filter Static (" w.g.) Coefficient***

1. A coefficient for factory supplied filter loading can be obtained from the provided line. IEST recommends the filter be replaced @ 150% of initial pressure drop.
2. For example: If initial filter resistance = .5" w.g., use the provided line to estimate the additional static pressure, @ indicated airflow, for a 150% loaded filter. Add the additional static pressure to the initial pressure drop, @ indicated airflow, to determine maximum allowable pressure drop.

Unit Size 36" x 24" (914 x 610)

120V, 208V, 240V and 277V



**Airflow @ Initial Filter Resistance
Loaded Filter Static (" w.g.) Coefficient***

1. A coefficient for factory supplied filter loading can be obtained from the provided line. IEST recommends the filter be replaced @ 150% of initial pressure drop.
2. For example: If initial filter resistance = .5" w.g., use the provided line to estimate the additional static pressure, @ indicated airflow, for a 150% loaded filter. Add the additional static pressure to the initial pressure drop, @ indicated airflow, to determine maximum allowable pressure drop.

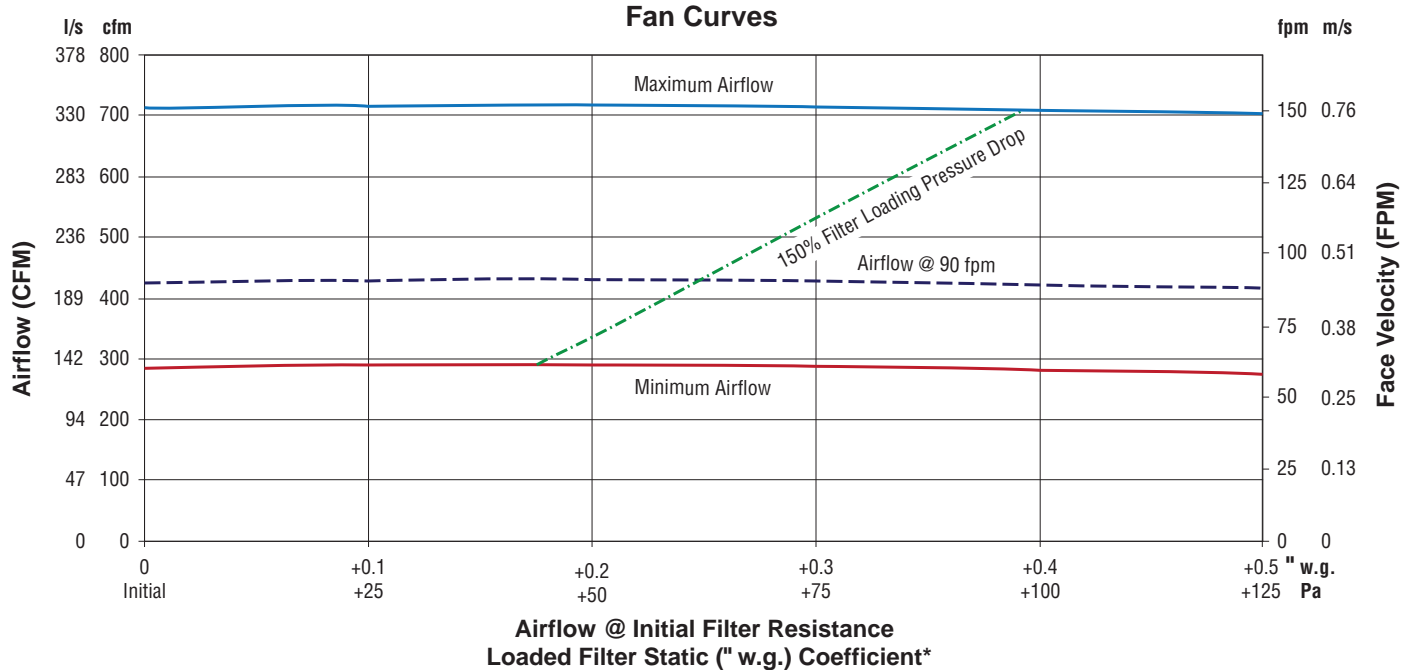
PERFORMANCE DATA:

92FFD SERIES • FAN PERFORMANCE CURVES

ECM • With HEPA Filter • 99.99% Minimum Removal Efficiency on 0.30 Micrometer Particle Size

Unit Size 48" x 24" (1219 x 610)

120V, 208V, 240V and 277V



1. A coefficient for factory supplied filter loading can be obtained from the provided line. IEST recommends the filter be replaced @ 150% of initial pressure drop.
2. For example: If initial filter resistance = .5" w.g., use the provided line to estimate the additional static pressure, @ indicated airflow, for a 150% loaded filter. Add the additional static pressure to the initial pressure drop, @ indicated airflow, to determine maximum allowable pressure drop.

PERFORMANCE DATA:

92FFD SERIES

ECM • With HEPA Filter • 99.99% Minimum Removal Efficiency on 0.30 Micrometer Particle Size

Nominal Unit Size	Voltage [V/PH/Hz]	Active Filter Area [sq. ft.]	Operating Range [fpm]	Max. Airflow [cfm]	Min. Airflow [cfm]	Airflow @ 90 fpm [cfm]	Amps @ 90 fpm	Watts @ 90 fpm	Initial Resistance @ 90 fpm [in. - w.g.]	Weight [lbs.]	Motor Heat Gain [BTU]	Sound @ 90 fpm [dBA]
24 x 24	120/1/60	1.96	50 - 160	310	100	176	1.20	75	0.45	60	257	50
24 x 24	208/1/60	1.96	55 - 170	330	105	176	0.65	71	0.45	60	242	50
24 x 24	240/1/60	1.96	55 - 170	330	105	176	0.65	71	0.45	60	242	50
24 x 24	277/1/60	1.96	60 - 170	330	115	176	0.65	74	0.45	60	253	50
36 x 24	120/1/60	3.37	45 - 170	575	160	303	1.20	73	0.45	70	248	47
36 x 24	208/1/60	3.37	45 - 165	555	155	303	0.70	76	0.45	70	259	47
36 x 24	240/1/60	3.37	45 - 165	555	155	303	0.70	76	0.45	70	259	47
36 x 24	277/1/60	3.37	50 - 160	535	165	303	0.60	77	0.45	70	261	47
48 x 24	120/1/60	4.77	25 - 145	685	120	429	2.00	131	0.45	90	446	51
48 x 24	208/1/60	4.77	25 - 145	705	125	429	1.05	117	0.45	90	401	51
48 x 24	240/1/60	4.77	25 - 145	705	125	429	1.05	117	0.45	90	401	51
48 x 24	277/1/60	4.77	60 - 145	700	280	429	1.05	124	0.45	90	422	51

NOTES:

1. All airflow tested in accordance with current version of IEST-RP-CC002.3 UNI DIRECTIONAL – FLOW, clean air devices.
2. Initial resistance refers to the static pressure associated with a clean filter at the corresponding face velocity.
3. Active filter area is based on factory supplied filter. Use of field supplied filters will result in different active filter areas.
4. Per IEST-RP-CC002.3, filters should be replaced once the internal static pressure has reached 1.5 times initial resistance at corresponding face velocity.