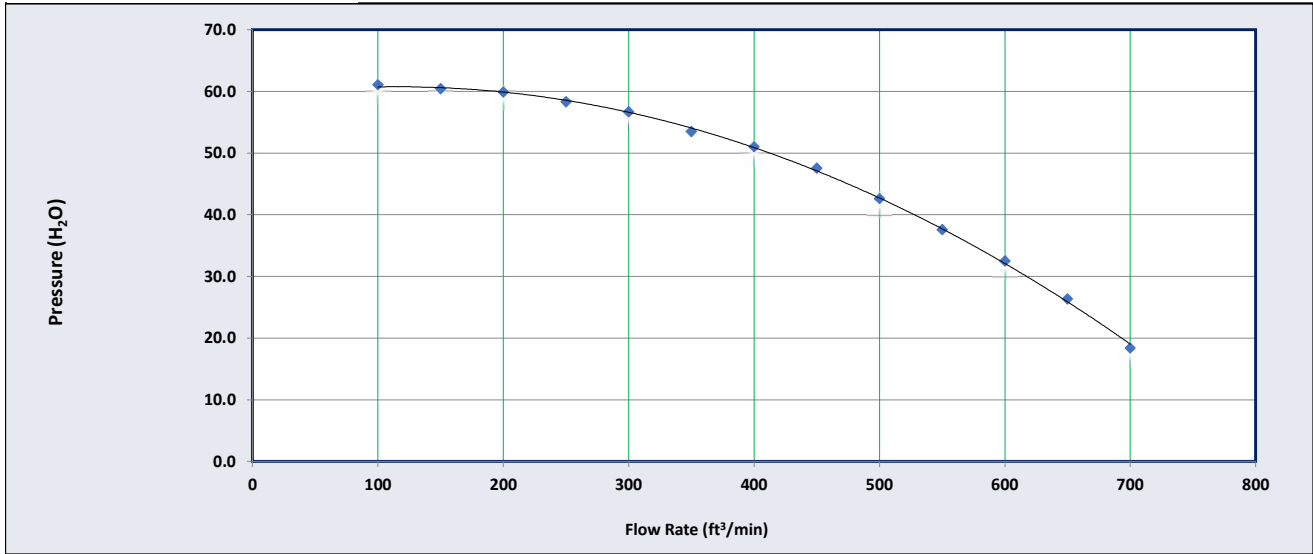




PX500 7.938/1.85

Blower Curve Based on Affinity Laws



7.938" Motor / Blower pulley ratio @ 60Hz

FLOW (CFM)	Pressure (in WC)	Brake HP	kW	FLOW (m3/hr)	Pressure (mbar)	Blower Speed (RPM)	Efficiency
100	61.1	3.04	2.27	170	152.0	14772	31.6%
150	60.4	3.31	2.47	255	150.4	14764	43.1%
200	59.9	3.69	2.75	340	149.0	14751	51.2%
250	58.3	4.04	3.01	425	145.1	14743	56.9%
300	56.7	4.32	3.23	510	141.1	14733	62.0%
350	53.5	4.59	3.42	595	133.1	14723	64.3%
400	51.0	4.83	3.60	680	126.9	14718	66.6%
450	47.6	5.04	3.76	765	118.3	14712	66.9%
500	42.6	5.24	3.91	850	106.1	14702	64.2%
550	37.6	5.39	4.02	934	93.5	14699	60.4%
600	32.5	5.59	4.17	1019	80.9	14694	55.1%
650	26.3	5.72	4.27	1104	65.5	14691	47.2%
700	18.4	5.79	4.32	1189	45.8	14688	35.1%

ACFM @ Inlet

Air: 1.20 kg/m³ (0.075 lbs/ft³) @ Sea Level @ 21.1°C (70°F)

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