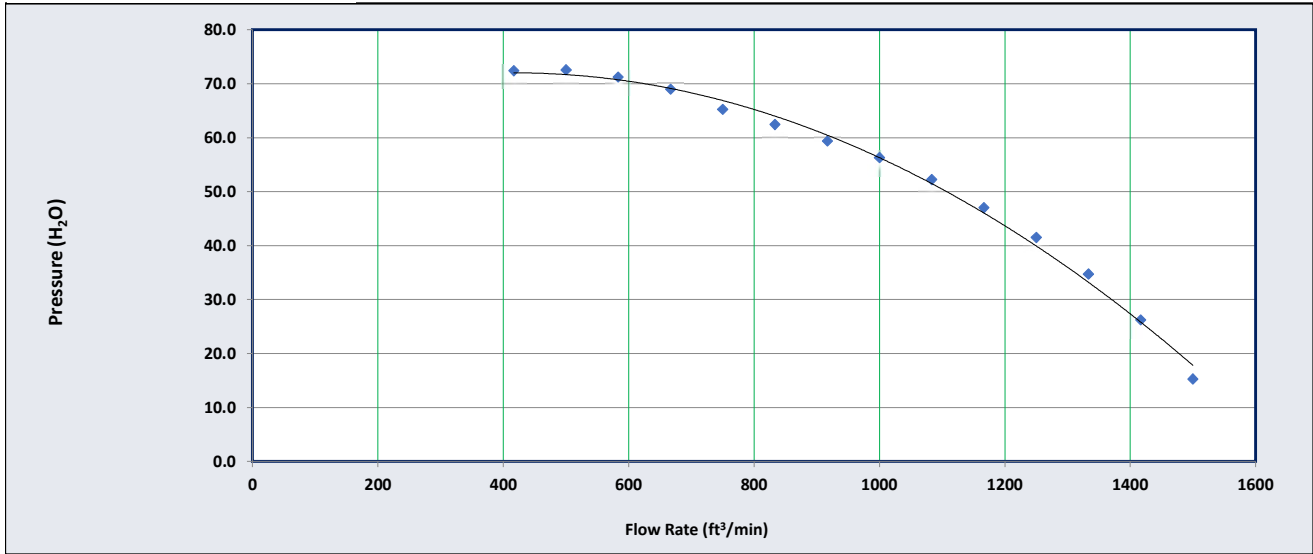




# PX-1000 7.938/1.85

## Blower Curve Based on Affinity Laws



Motor / Blower pulley ratio @ 60Hz

FLOW (CFM)	Pressure (in WC)	Brake HP	kW	FLOW (m <sup>3</sup> /hr)	Pressure (mbar)	Blower Speed (RPM)	Efficiency
417	72.4	7.15	5.33	708	180.1	14732	66.6%
500	72.5	8.10	6.04	850	180.5	14713	70.6%
583	71.2	8.94	6.67	991	177.2	14684	73.3%
667	69.0	9.65	7.20	1133	171.6	14664	75.1%
750	65.2	10.36	7.73	1274	162.3	14645	74.5%
833	62.4	11.02	8.22	1416	155.3	14623	74.4%
917	59.4	11.67	8.71	1558	147.7	14595	73.5%
1000	56.3	12.29	9.17	1699	140.1	14576	72.2%
1083	52.2	12.82	9.56	1841	130.0	14557	69.6%
1167	47.0	13.25	9.88	1982	117.0	14533	65.3%
1250	41.5	13.64	10.18	2124	103.3	14517	60.0%
1333	34.7	14.00	10.45	2265	86.4	14500	52.1%
1417	26.2	14.33	10.69	2407	65.2	14469	40.9%
1500	15.3	14.64	10.92	2549	38.0	14454	24.7%

ACFM @ Inlet

Air: 1.20 kg/m<sup>3</sup> (0.075 lbs/ft<sup>3</sup>) @ Sea Level @ 21.1°C (70°F)

10125 Carver Rd. Cincinnati, OH 45242  
 (513) 891-7474 • www.paxtonproducts.com