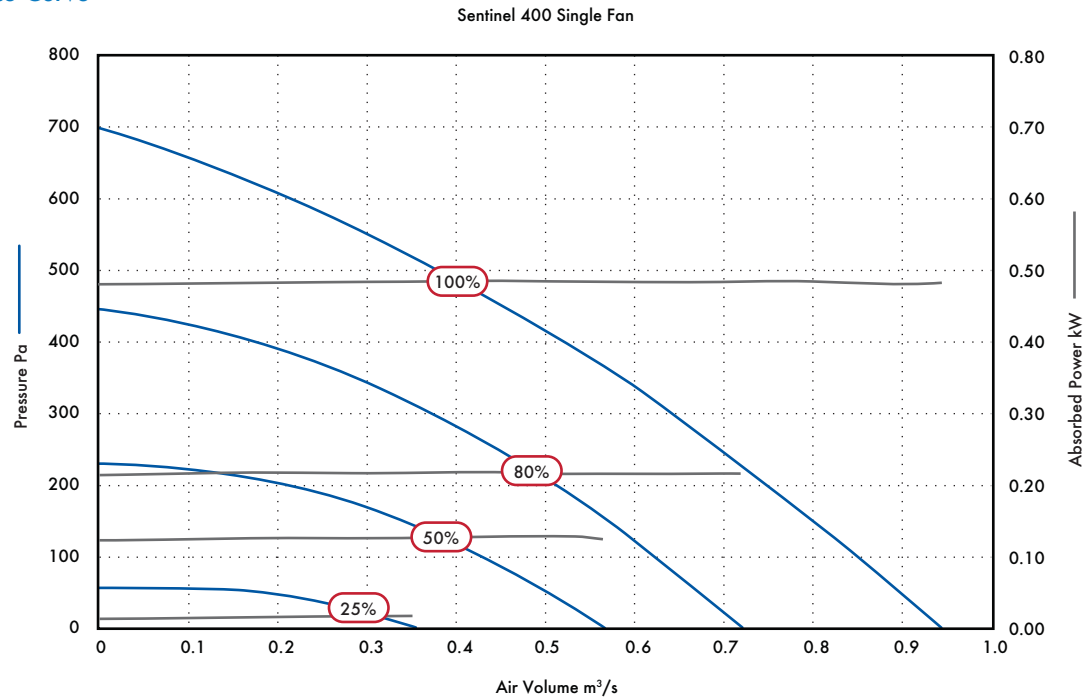


Vent-Axia Sentinel D-Box Single Fan

Performance Curve



Performance Guide

Speed	Phase	Airflow, m³/s @ Pa																	Amps
		0	25	50	100	150	200	225	250	300	350	400	425	450	500	550	600	F.L.C	
100%	1	m³/s	0.95	0.92	0.90	0.85	0.80	0.75	0.72	0.70	0.64	0.58	0.52	0.49	0.45	0.38	0.30	0.21	2.47
		kW	0.48	0.48	0.49	0.49	0.48	0.48	0.49	0.48	0.49	0.48	0.48	0.48	0.48	0.48	0.48	0.48	
		SFP	0.51	0.52	0.54	0.57	0.60	0.64	0.67	0.69	0.76	0.83	0.93	0.99	1.07	1.27	1.60	2.26	
80%	1	m³/s	0.72	0.70	0.67	0.62	0.57	0.51	0.48	0.45	0.37	0.29	0.17	0.10					1.80
		kW	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22					
		SFP	0.30	0.31	0.32	0.35	0.38	0.43	0.45	0.49	0.58	0.76	1.25	2.21					
50%	1	m³/s	0.57	0.54	0.50	0.43	0.34	0.21	0.09										0.59
		kW	0.12	0.13	0.13	0.13	0.13	0.13	0.13										
		SFP	0.22	0.24	0.25	0.30	0.37	0.59	1.43										
25%	1	m³/s	0.35	0.29	0.18														0.13
		kW	0.02	0.02	0.02														
		SFP	0.05	0.06	0.10														

Sound Data

Speed	Test Mode	Octave Band Frequency SWL								dB(A)
		63	125	250	500	1k	2k	4k	8k	@3m
100%	Inlet	78	86.2	86.7	74.6	69.9	66.3	60.9	53.1	57.1
100%	Outlet	77.7	87	92.3	80.5	79.4	75.6	70.3	62.8	64.3
100%	Breakout	76.8	84.9	84.8	78.9	74	68.5	60.6	51.9	65.3
80%	Inlet	72	80	79.9	74.1	69.2	63.7	55.7	47.1	55.5
80%	Outlet	72.8	82.2	87.5	75.6	74.6	70.8	65.4	58	59.4
80%	Breakout	73.2	81.4	81.9	69.7	65.1	61.5	56	48.3	52.2
50%	Inlet	61.8	69.8	69.7	63.9	59	53.5	45.5	36.9	45.3
50%	Outlet	62.6	72	77.3	65.4	64.4	60.6	55.2	47.8	49.1
50%	Breakout	62.9	71.2	71.7	59.5	54.9	51.2	45.8	38.1	42
25%	Inlet	46.8	54.8	54.7	48.8	44	38.4	30.5	21.8	30.3
25%	Outlet	47.6	56.9	62.3	50.4	49.4	45.5	40.2	32.7	34.3
25%	Breakout	47.9	56.2	56.7	44.5	39.8	36.2	30.8	23.1	27