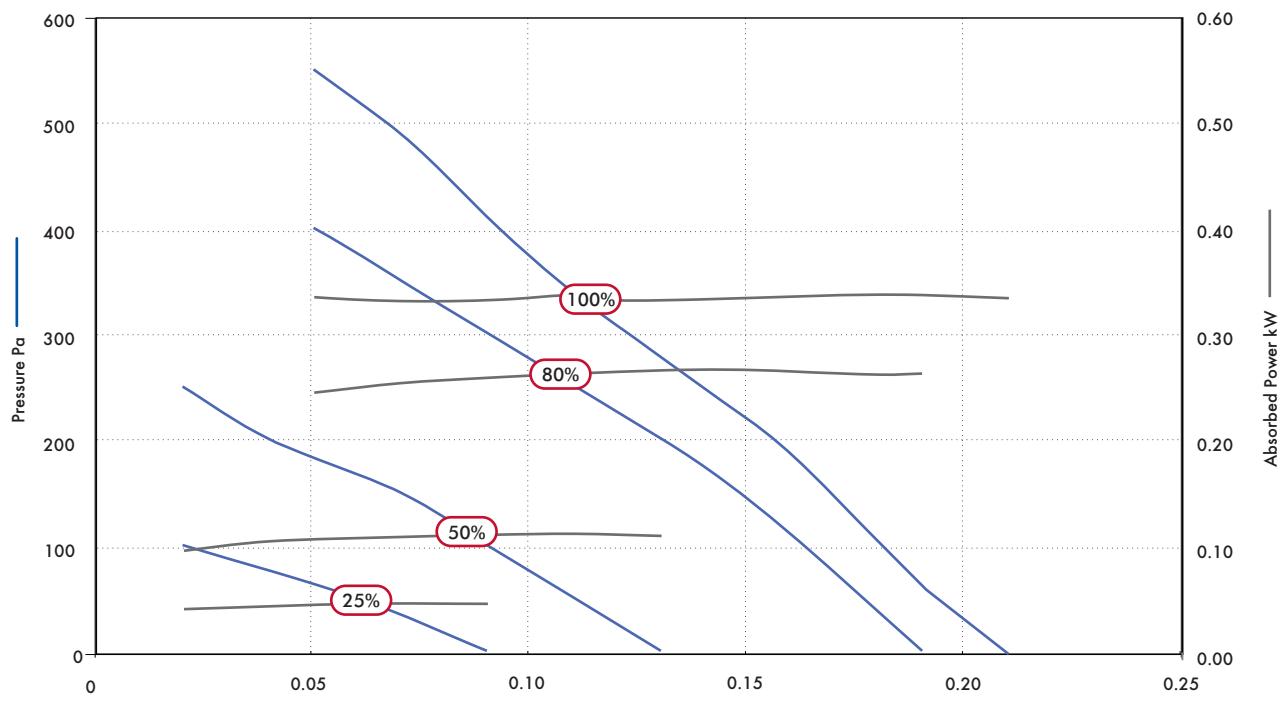


Sentinel Totus² D-ERV - Mini Model

Performance



Performance Guide

Speed	Air Volume m³/s												Fans F.L.C.	Supply Voltage	Frost Heater	Unit Rated Current			
	Airflow, m³/s @ Pa																		
m³/s	0	50	100	150	200	250	300	350	400	450	500	550							
100%	m³/s	0.21	0.19	0.18	0.17	0.16	0.14	0.12	0.11	0.09	0.08	0.07	0.05	2.5	230V/ 1/50Hz	2kW	12A		
	kW	0.33	0.34	0.34	0.34	0.34	0.33	0.33	0.34	0.33	0.34	0.33	0.34						
	SFP	1.59	1.77	1.87	1.98	2.10	2.38	2.77	3.06	3.69	4.19	4.70	6.70						
80%	m³/s	0.19	0.18	0.16	0.15	0.13	0.11	0.09	0.07	0.05	1.85	230V/ 1/50Hz	2kW	12A	1.85	230V/ 1/50Hz	2kW	12A	
	kW	0.26	0.26	0.27	0.27	0.27	0.26	0.26	0.25	0.25									
	SFP	1.38	1.46	1.66	1.79	2.05	2.39	2.88	3.63	4.90									
50%	m³/s	0.13	0.11	0.09	0.07	0.04	0.02	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8		
	kW	0.11	0.11	0.11	0.11	0.11	0.10												
	SFP	0.85	1.02	1.23	1.56	2.63	4.80												
25%	m³/s	0.09	0.06	0.02	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35			
	kW	0.05	0.05	0.04															
	SFP	0.51	0.77	2.05															

Performance Data from Lab Report Ref LR5100

Sound Data

Speed	Test Mode	Octave Band Frequency SWL								dB(A) @ 3m
		63	125	250	500	1K	2K	4K	8K	
100%	Intake	58	65	69	54	53	54	48	46	33
	Supply	55	59	55	50	49	53	37	36	
	Discharge	59	68	74	66	63	67	55	57	
	Exhaust	55	60	63	52	50	55	37	36	
	Breakout	55	53	55	47	43	46	33	31	
80%	Intake	58	63	69	54	53	52	45	45	31
	Supply	53	58	55	46	48	50	34	33	
	Discharge	59	67	74	64	62	65	53	55	
	Exhaust	55	59	60	50	48	52	34	34	
	Breakout	53	52	53	44	42	44	31	30	
50%	Intake	54	58	64	49	47	42	35	36	25
	Supply	49	53	53	39	40	38	26	29	
	Discharge	54	62	69	56	55	53	43	43	
	Exhaust	50	54	56	41	41	39	25	29	
	Breakout	50	48	49	38	35	33	24	27	
25%	Intake	47	52	48	39	37	30	26	29	17
	Supply	48	48	38	33	31	27	22	28	
	Discharge	49	59	51	48	44	41	30	30	
	Exhaust	48	50	39	34	31	28	23	29	
	Breakout	44	45	33	32	28	25	23	26	