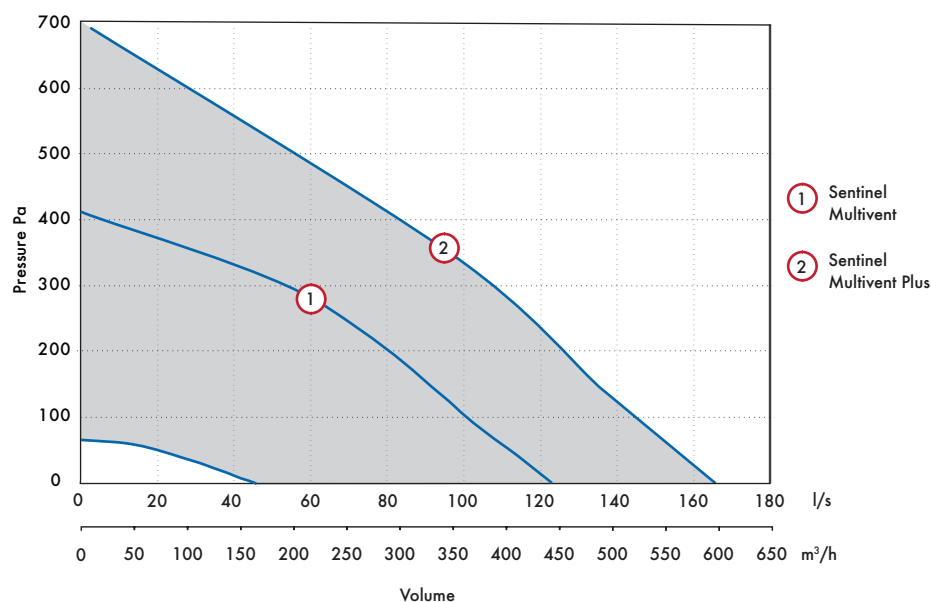


Performance Guide



Stock Ref	Model	Curve Ref	Inlet Duct dB(A)	FID l/s	Power Watts	SEC Class	SEC Class (inc. LDC)
437601 / 445655	Multivent	1 (max)	38	121	45	E	B
407001 / 407849	Multivent Plus	2 (max)	-	165	83	E	B

Sound Data (Sentinel Multivent Plus)

Speed %	Test mode	Octave band, Hz, dB SWL								SPL dB(A) at 3m
		63	125	250	500	1k	2k	4k	8k	
20	Inlet	45.0	46.0	43.9	34.1	27.4	22.8	23.1	29.7	20.5
	Outlet	45.0	40.9	45.2	39.5	33.0	26.7	23.0	29.1	29.5
	Breakout	43.9	37.4	36.5	35.5	26.7	22.6	23.7	30.2	19.0
40	Inlet	48.6	48.7	54.4	52.3	55.4	47.5	38.0	33.1	37.0
	Outlet	49.1	54.6	54.4	55.0	55.7	51.7	39.7	39.5	42.9
	Breakout	45.2	44.2	47.5	46.1	40.0	34.0	26.3	30.3	26.8
60	Inlet	48.6	48.7	54.4	52.3	55.4	47.5	38.0	33.1	37.0
	Outlet	57.1	55.9	65.2	63.3	64.8	64.5	53.7	55.5	52.2
	Breakout	49.0	49.7	58.0	53.7	48.4	46.4	36.4	33.3	34.9
80	Inlet	56.3	56.6	60.4	59.0	61.4	56.0	46.6	43.5	43.5
	Outlet	62.3	60.8	70.9	69.3	69.5	70.3	61.9	62.8	57.9
	Breakout	53.1	53.7	61.8	61.4	53.4	54.5	44.9	41.9	41.3
100	Inlet	54.1	55.5	59.4	61.8	62.7	58.9	49.7	45.8	45.3
	Outlet	63.1	61.8	67.8	72.7	70.5	71.5	62.9	64.4	59.0
	Breakout	56.5	54.3	60.8	65.6	54.0	54.6	46.3	42.3	43.7

Sound Data (Sentinel Multivent)

Speed		Induct sound power levels dB								dB(A) @ 3m
		63	125	250	500	1K	2K	4K	8K	
10%	Breakout	43.6	37	36.9	30.6	26.2	22.8	23.6	30.4	18.1
	Extract	43.8	39.9	36.1	30.4	24.6	21.8	22.	30.3	17.8
28%	Breakout	44	44.4	43.3	39	31.1	26.1	24.3	30.1	22
	Extract	42.2	40.1	42.2	40.5	32	23.3	23.4	30.5	22
46%	Breakout	45	42.8	46.7	44.1	38.8	35.6	26.7	30.6	25.8
	Extract	40.8	42.5	46.4	44.4	41	31.1	25.3	30.3	26
82%	Breakout	46.3	48.3	50	52.1	48.4	47.7	37.8	32.4	33.7
	Extract	46.7	49.6	48.9	54.3	51.8	42.7	38.1	34.2	36.1