

Sound Power Spectrum : FWE08F(A/B)T(N/T/V)5V1(-/R)

ESP=0Pa		Sound Power Spectrum (dB) : Whole casing									
Fan Speed				4		3		2		1	
				H		M		L			
1/3 Oct	1/1 Oct	1/3	1/1	1/3	1/1	1/3	1/1	1/3	1/1	1/3	1/1
100				57.4		54.0		51.9		47.8	
125	125			46.1	58.0	41.6	54.5	34.7	52.1	31.1	48.0
160				45.6		42.1		37.3		27.7	
200				45.2		45.1		33.2		27.2	
250	250			51.3	53.6	44.6	49.2	35.9	40.0	30.0	33.8
315				47.6		43.4		36.0		29.5	
400				47.3		44.3		35.0		28.4	
500	500			48.1	52.3	44.2	48.7	35.4	39.5	28.2	32.3
630				47.1		43.3		33.5		25.4	
800				44.5		40.3		29.7		21.1	
1000	1000			44.7	48.6	40.1	44.2	29.2	33.3	20.0	24.3
1250				41.8		37.1		25.5		16.1	
1600				41.7		36.3		24.7		15.9	
2000	2000			40.6	45.8	34.1	39.1	22.6	27.4	17.4	20.3
2500				40.8		31.1		18.4		11.3	
3150				38.1		28.0		14.4		8.5	
4000	4000			36.4	41.1	26.3	31.1	14.1	18.8	11.5	15.7
5000				33.0		23.7		13.5		12.0	
6300				31.2		20.5		11.5		11.1	
8000	8000			27.0	33.1	18.9	23.8	13.6	17.8	13.3	17.7
10000				23.4		16.9		13.6		13.9	
dB(A)				54.2		49.4		40.3		33.9	

  

ESP=0Pa		Sound Power Spectrum (dB) : Discharge									
Fan Speed				4		3		2		1	
				H		M		L			
1/3 Oct	1/1 Oct	1/3	1/1	1/3	1/1	1/3	1/1	1/3	1/1	1/3	1/1
100				45.0		44.1		31.1		25.5	
125	125			40.3	46.7	38.0	45.3	28.6	33.8	27.0	29.9
160				36.9		33.8		25.7		20.6	
200				36.5		34.4		23.5		18.3	
250	250			43.5	46.0	37.9	41.8	29.0	32.8	23.3	26.8
315				41.2		37.8		29.4		22.9	
400				42.5		39.6		30.0		23.6	
500	500			41.6	46.2	37.6	42.7	28.0	32.9	20.7	26.0
630				39.6		35.5		25.4		17.7	
800				37.6		33.5		23.1		15.0	
1000	1000			39.3	42.5	34.7	38.0	23.8	27.2	14.9	18.5
1250				35.2		30.7		19.1		9.5	
1600				36.0		31.0		19.2		9.6	
2000	2000			33.4	39.0	27.9	33.4	15.7	21.2	8.3	12.6
2500				32.4		24.7		11.2		3.9	
3150				30.2		21.3		7.6		3.3	
4000	4000			28.0	33.1	19.9	24.7	7.9	12.5	5.5	10.1
5000				25.7		18.1		7.8		6.6	
6300				23.6		15.4		7.0		6.6	
8000	8000			20.5	25.8	13.5	18.6	8.1	12.7	7.8	12.5
10000				15.7		11.9		8.6		8.5	
dB(A)				47.5		43.1		32.9		25.9	

  

ESP=0Pa		Sound Power Spectrum (dB) : Inlet and casing									
Fan Speed				4		3		2		1	
				H		M		L			
1/3 Oct	1/1 Oct	1/3	1/1	1/3	1/1	1/3	1/1	1/3	1/1	1/3	1/1
100				57.1		53.5		51.8		47.8	
125	125			44.7	57.6	39.2	53.9	33.5	52.0	29.0	49.9
160				45.0		41.4		37.0		26.8	
200				44.6		44.7		32.8		26.6	
250	250			50.6	52.7	43.5	48.4	34.9	39.1	29.0	32.9
315				46.4		42.0		34.9		28.5	
400				45.6		42.4		33.4		26.7	
500	500			47.0	51.1	43.1	47.4	34.5	38.4	27.3	31.1
630				46.2		42.5		32.8		24.6	
800				43.5		39.3		28.7		19.9	
1000	1000			43.2	47.4	38.6	42.9	27.7	32.0	18.4	23.0
1250				40.7		36.0		24.4		15.1	
1600				40.3		34.8		23.3		14.7	
2000	2000			39.7	44.8	32.9	37.7	21.6	26.2	16.8	19.5
2500				40.2		30.0		17.5		10.5	
3150				37.4		27.0		13.4		7.0	
4000	4000			35.7	40.3	25.2	30.0	13.0	17.6	10.3	14.3
5000				32.1		22.3		12.1		10.5	
6300				30.4		18.9		9.6		9.2	
8000	8000			25.9	32.2	17.5	22.2	12.1	16.2	11.8	16.1
10000				22.6		15.2		11.9		12.4	
dB(A)				53.2		48.3		39.5		33.1	