

Sound Power Spectrum : FWE05F(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				55.3		51.3		51.9		44.9	
125	125			44.0	55.9	39.0	51.8	34.7	51.1	28.2	45.1
160				43.5		39.4		37.3		24.8	
200				43.2		42.5		33.2		24.3	
250	250			49.3	51.5	42.0	46.6	35.9	40.0	27.1	30.9
315				45.5		40.8		35.9		26.6	
400				45.2		41.6		35.0		25.5	
500	500			46.0	50.2	41.5	46.0	35.4	39.5	25.3	29.4
630				45.0		40.6		33.5		22.5	
800				42.4		37.7		29.7		18.2	
1000	1000			42.6	46.5	37.4	41.5	29.1	33.2	17.1	21.4
1250				39.7		34.5		25.5		13.2	
1600				39.6		33.6		24.7		13.0	
2000	2000			38.5	43.8	31.5	36.5	22.6	27.3	14.5	17.4
2500				38.8		28.5		18.4		8.4	
3150				36.0		25.4		14.4		5.6	
4000	4000			34.3	39.0	23.7	28.5	14.1	18.8	8.6	12.8
5000				30.9		21.1		13.5		9.1	
6300				29.1		17.9		11.5		8.2	
8000	8000			24.9	31.0	16.3	21.1	13.6	17.7	10.4	14.8
10000				21.3		14.2		13.6		11.0	
dB(A)				52.1		46.8		40.3		31.0	

  

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				42.9		41.4		31.1		22.6	
125	125			38.2	44.7	35.3	42.7	28.6	33.7	24.1	27.0
160				34.8		31.1		25.7		17.7	
200				34.4		31.7		23.5		15.4	
250	250			41.4	43.9	35.3	39.1	29.0	32.7	20.4	23.9
315				39.1		35.2		29.4		20.0	
400				40.4		37.0		30.0		20.7	
500	500			39.5	44.1	35.0	40.0	27.9	32.9	17.8	23.1
630				37.5		32.9		25.4		14.8	
800				35.5		30.9		23.0		12.1	
1000	1000			37.2	40.4	32.1	35.4	23.8	27.2	12.0	15.6
1250				33.1		28.0		19.1		6.6	
1600				33.9		28.4		19.1		6.7	
2000	2000			31.3	36.9	25.3	30.7	15.6	21.2	5.4	9.7
2500				30.3		22.0		11.1		1.0	
3150				28.1		18.6		7.6		0.4	
4000	4000			25.9	31.0	17.3	22.1	7.8	12.5	2.6	7.2
5000				23.6		15.5		7.8		3.7	
6300				21.5		12.8		7.0		3.7	
8000	8000			18.4	23.7	10.8	16.0	8.1	12.7	4.9	9.6
10000				13.6		9.3		8.6		5.6	
dB(A)				54.4		40.5		32.8		23.0	

  

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				55.1		50.8		51.8		44.9	
125	125			42.7	55.5	36.6	51.3	33.5	52.0	26.1	45.0
160				42.9		38.7		37.0		23.9	
200				42.5		42.1		32.7		23.7	
250	250			48.5	50.6	40.9	45.7	34.9	39.1	26.1	30.0
315				44.4		39.4		34.9		25.6	
400				43.5		39.8		33.3		23.8	
500	500			44.9	49.0	40.4	44.8	34.5	38.4	24.4	28.2
630				44.1		39.8		32.7		21.7	
800				41.4		36.6		28.7		17.0	
1000	1000			41.2	45.3	35.9	40.3	27.6	32.0	15.5	20.1
1250				38.6		33.4		24.3		12.2	
1600				38.2		32.1		23.2		11.8	
2000	2000			37.6	42.7	30.3	35.1	21.6	26.1	13.9	16.6
2500				38.1		27.3		17.4		7.6	
3150				35.3		24.4		13.4		4.1	
4000	4000			33.6	38.2	22.6	27.4	13.0	17.6	7.4	11.4
5000				30.0		19.7		12.1		7.6	
6300				28.3		16.3		9.6		6.3	
8000	8000			23.8	30.1	14.8	19.6	12.1	16.1	8.9	13.2
10000				20.5		12.6		11.9		9.5	
dB(A)				51.1		45.6		39.5		30.2	