

Sound Power Spectrum : FWE06F(A/B)T(N/T/V)5V1(-/R)

ESP=0Pa		Sound Power Spectrum (dB) : Whole casing									
Fan Speed		5		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		54.3		54.8		57.6		54.2		53.0	
125	125	52.9	58.8	48.9	56.8	46.3	58.3	40.0	54.6	34.9	53.2
160		54.7		50.1		47.7		41.3		38.4	
200		53.8		49.7		47.5		43.2		34.2	
250	250	56.6	61.9	53.7	56.8	52.8	55.1	43.2	47.8	36.5	40.5
315		59.4		51.8		48.8		42.5		36.3	
400		54.7		50.2		48.2		42.3		35.3	
500	500	54.8	59.0	50.6	54.7	48.7	52.7	42.3	46.5	35.3	39.2
630		53.1		48.7		46.6		40.0		32.1	
800		51.0		46.5		44.0		36.7		28.1	
1000	1000	51.3	55.1	46.7	50.5	44.1	47.9	36.2	40.3	27.4	31.4
1250		48.2		43.2		40.5		32.5		23.1	
1600		47.5		42.4		39.6		31.2		21.8	
2000	2000	45.7	50.6	40.5	45.4	37.5	42.4	29.3	34.0	21.1	24.9
2500		43.4		37.9		34.5		25.2		14.4	
3150		41.3		35.4		31.6		21.5		11.3	
4000	4000	40.1	44.9	34.0	38.8	30.0	34.8	19.6	24.7	11.9	16.7
5000		38.7		32.2		27.8		17.8		12.5	
6300		36.5		29.7		25.0		16.0		12.7	
8000	8000	33.9	39.0	26.8	32.1	22.2	27.6	15.3	20.6	13.4	18.7
10000		30.2		23.3		19.6		16.2		15.2	
dB(A)		60.7		55.9		53.7		46.7		40.1	

ESP=0Pa		Sound Power Spectrum (dB) : Discharge									
Fan Speed		5		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		44.9		48.1		47.8		47.5		45.3	
125	125	47.9	50.9	43.2	49.8	40.7	48.9	34.2	47.8	28.9	45.4
160		44.8		39.8		38.3		31.4		25.3	
200		44.3		40.1		38.3		33.7		24.6	
250	250	50.9	55.2	48.0	50.7	47.2	49.1	36.7	40.8	30.4	34.2
315		52.5		46.4		43.4		36.9		31.1	
400		50.1		45.5		43.7		37.6		30.8	
500	500	49.5	54.0	45.2	49.6	43.1	47.5	36.4	41.1	29.4	34.1
630		47.9		43.3		41.0		34.1		26.7	
800		45.8		41.1		38.5		31.2		23.5	
1000	1000	47.6	50.9	42.6	46.0	39.9	43.3	32.3	35.8	24.1	27.6
1250		44.3		39.2		36.5		28.6		19.8	
1600		44.4		39.3		36.5		28.3		19.2	
2000	2000	42.2	47.4	37.0	42.1	34.1	39.2	25.7	30.8	17.1	21.7
2500		40.1		34.5		31.2		21.6		10.9	
3150		37.5		31.4		27.5		17.1		7.4	
4000	4000	36.7	41.4	30.2	34.9	26.1	30.9	15.4	20.4	7.7	12.5
5000		35.3		28.5		24.1		13.8		8.1	
6300		33.3		26.0		21.1		11.5		7.9	
8000	8000	30.5	35.5	22.8	28.1	17.9	23.4	10.4	15.7	8.5	13.4
10000		25.3		17.7		14.4		10.7		9.4	
dB(A)		55.9		51.0		48.6		41.4		34.5	

ESP=0Pa		Sound Power Spectrum (dB) : Inlet and casing									
Fan Speed		5		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		53.7		53.8		57.1		53.2		52.2	
125	125	51.2	58.0	47.5	55.9	45.0	57.7	38.7	53.5	33.7	52.2
160		54.2		49.7		47.1		40.8		38.2	
200		53.2		49.2		46.9		42.7		33.7	
250	250	55.2	60.9	52.4	55.6	51.4	53.9	42.1	46.8	35.2	39.4
315		58.4		50.4		47.3		41.1		34.7	
400		52.8		48.4		46.3		40.5		33.5	
500	500	53.3	57.3	49.2	53.1	47.3	51.2	41.1	45.0	34.0	37.7
630		51.5		47.2		45.3		38.7		30.6	
800		49.4		45.0		42.5		35.2		26.3	
1000	1000	48.9	53.1	44.5	48.6	42.0	46.1	34.0	38.4	24.6	29.1
1250		45.9		41.0		38.2		30.2		20.4	
1600		44.5		39.6		36.6		28.1		18.4	
2000	2000	43.1	47.8	38.0	42.7	34.8	39.6	26.8	31.1	19.0	22.1
2500		40.6		35.2		31.8		22.6		11.8	
3150		38.9		33.2		29.5		19.6		9.0	
4000	4000	37.5	42.4	31.6	36.5	27.7	32.6	17.5	22.6	9.8	14.6
5000		35.9		29.7		25.4		15.6		10.5	
6300		33.7		27.2		22.7		14.1		11.0	
8000	8000	31.2	36.4	24.6	29.9	20.2	25.5	13.5	18.9	11.8	17.2
10000		28.5		22.0		18.1		14.7		13.9	
dB(A)		59.0		54.1		52.0		45.2		38.7	