

Sound Power Spectrum : FWE12F(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		54.5		55.7		57.5		55.3		54.9	
125	125	53.2	59.1	49.7	57.7	46.3	58.2	41.1	55.6	36.8	55.1
160		55.0		50.9		47.6		42.4		40.3	
200		54.0		50.5		47.4		44.3		36.1	
250	250	56.8	62.2	54.6	57.7	52.8	55.0	44.3	48.8	38.4	42.4
315		59.7		52.7		48.7		43.6		38.1	
400		54.9		51.1		48.1		43.4		37.2	
500	500	55.1	59.3	51.5	55.5	48.7	52.7	43.4	47.5	37.2	41.1
630		53.3		49.6		46.6		41.1		34.0	
800		51.2		47.3		43.9		37.8		30.0	
1000	1000	51.6	55.4	47.5	51.3	44.1	47.8	37.3	41.3	29.3	33.3
1250		48.5		44.0		40.4		33.6		25.0	
1600		47.8		43.3		39.5		32.3		23.7	
2000	2000	46.0	50.9	41.4	46.3	37.4	42.4	30.4	35.0	23.0	26.8
2500		43.7		38.7		34.5		26.2		16.3	
3150		41.5		36.3		31.5		22.6		13.2	
4000	4000	40.4	45.2	34.8	39.7	29.9	34.8	20.7	25.8	13.7	18.6
5000		38.9		33.0		27.8		18.9		14.4	
6300		36.8		30.5		24.9		17.1		14.6	
8000	8000	34.2	39.3	27.6	32.9	22.1	27.5	16.3	21.7	15.3	20.6
10000		30.5		24.2		19.6		17.2		17.1	
dB(A)		61.0		56.7		53.6		47.8		42.0	

  

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		45.2		49.0		47.7		48.5		47.2	
125	125	48.1	51.1	44.1	50.6	40.6	48.9	35.3	48.8	30.8	47.3
160		45.1		40.6		38.2		32.5		27.2	
200		44.6		40.9		38.2		34.8		26.5	
250	250	51.2	55.4	48.8	51.5	47.1	49.0	37.8	41.8	32.3	36.1
315		52.8		47.2		43.3		38.0		32.9	
400		50.4		46.4		43.6		38.7		32.7	
500	500	49.8	54.3	46.0	50.4	43.1	47.5	37.5	42.1	31.3	35.9
630		48.2		44.1		40.9		35.2		28.6	
800		46.1		41.9		38.5		32.3		25.3	
1000	1000	47.9	51.2	43.5	46.8	39.9	43.2	33.4	36.8	26.0	29.5
1250		44.7		40.1		36.4		29.7		21.7	
1600		44.7		40.1		36.5		29.4		21.1	
2000	2000	42.5	47.7	37.9	43.0	34.0	39.2	26.8	31.8	19.0	23.5
2500		40.4		35.4		31.2		22.7		12.8	
3150		37.8		32.2		27.4		18.2		9.3	
4000	4000	36.9	41.6	31.0	35.8	26.0	30.8	16.4	21.5	9.6	14.4
5000		35.6		29.4		24.1		14.8		10.0	
6300		33.5		26.8		21.1		12.6		9.8	
8000	8000	30.8	35.8	23.7	28.9	17.8	23.3	11.5	16.8	10.4	15.3
10000		25.5		18.5		14.3		11.8		11.2	
dB(A)		56.2		51.9		48.6		42.5		36.4	

  

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		54.0		54.6		57.0		54.2		54.1	
125	125	51.5	58.3	48.3	56.7	44.9	57.7	39.8	54.6	35.6	54.3
160		54.5		50.5		47.1		41.9		40.1	
200		53.5		50.0		46.8		43.8		35.5	
250	250	55.5	61.2	53.2	56.5	51.4	53.8	43.2	47.9	37.1	41.2
315		58.7		51.2		47.3		42.2		36.6	
400		53.1		49.3		46.2		41.6		35.4	
500	500	53.5	57.6	50.0	54.0	47.3	51.1	42.1	46.1	35.8	39.6
630		51.7		48.1		45.2		39.8		32.5	
800		49.6		45.8		42.4		36.3		28.2	
1000	1000	49.1	53.3	45.3	49.4	42.0	46.0	35.0	39.4	26.5	31.0
1250		46.2		41.8		38.1		31.2		22.3	
1600		44.8		40.4		36.5		29.2		20.3	
2000	2000	43.4	48.1	38.8	43.5	34.8	39.6	27.9	32.2	20.8	24.0
2500		40.9		36.1		31.8		23.7		13.7	
3150		39.2		34.1		29.4		20.6		10.9	
4000	4000	37.8	42.7	32.5	37.4	27.6	32.5	18.6	23.7	11.7	16.5
5000		36.2		30.5		25.4		16.7		12.4	
6300		34.0		28.1		22.6		15.2		12.9	
8000	8000	31.5	36.7	25.4	30.7	20.1	25.4	14.6	20.0	13.7	19.1
10000		28.8		22.8		18.0		15.8		15.8	
dB(A)		59.2		55.0		52.0		46.3		40.6	