

Sound Power Spectrum : FWE10F(A/B)F(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	125	53.7	58.2	55.7	57.7	56.6	57.3	54.5	54.8	52.8	53.0
125		52.3		49.8		45.4		40.3		34.7	
160		54.1		51.0		46.7		41.6		38.2	
200	250	53.2	61.4	50.6	57.7	46.5	54.1	43.5	48.0	33.9	40.3
250		56.0		54.6		51.9		43.5		36.2	
315		58.9		52.7		47.8		42.8		36.0	
400	500	54.1	58.4	51.1	55.6	47.2	51.8	42.6	46.7	35.1	39.0
500		54.2		51.5		47.8		42.6		35.0	
630		52.5		49.6		45.7		40.3		31.9	
800	1000	50.4	54.6	47.4	51.4	43.0	47.0	37.0	40.5	27.9	31.2
1000		50.7		47.6		43.2		36.5		27.2	
1250		47.6		44.1		39.5		32.7		22.9	
1600	2000	46.9	50.0	43.3	46.3	38.6	41.5	31.5	34.2	21.6	24.7
2000		45.1		41.4		36.5		29.6		20.9	
2500		42.8		38.8		33.6		25.4		14.2	
3150	4000	40.7	44.3	36.3	39.7	30.7	33.9	21.8	24.9	11.0	16.4
4000		39.5		34.9		29.0		19.8		11.6	
5000		38.1		33.1		26.9		18.1		12.3	
6300	8000	35.9	38.4	30.6	33.0	24.0	26.6	16.3	20.9	12.5	18.5
8000		33.3		27.7		21.2		15.5		13.2	
10000		29.6		24.2		18.7		16.4		15.0	
dB(A)		60.1		56.8		52.7		47.0		39.9	

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	125	44.3	50.3	49.0	50.7	46.8	48.0	47.7	48.0	45.1	45.2
125		47.3		44.1		39.7		34.5		28.7	
160		44.2		40.7		37.3		31.7		25.0	
200	250	43.8	54.6	41.0	51.6	37.3	48.1	34.0	41.0	24.4	34.0
250		50.3		48.9		46.2		37.0		30.1	
315		51.9		47.3		42.4		37.2		30.8	
400	500	49.6	53.5	46.4	50.5	42.7	46.6	37.9	41.3	30.5	33.8
500		48.9		46.1		42.2		36.7		29.2	
630		47.4		44.2		40.0		34.4		26.5	
800	1000	45.3	50.3	42.0	46.9	37.6	42.3	31.5	36.0	23.2	27.4
1000		47.1		43.5		39.0		32.6		23.9	
1250		43.7		40.1		35.6		28.9		19.5	
1600	2000	43.9	46.8	40.2	43.0	35.6	38.3	28.6	31.0	18.9	21.4
2000		41.6		37.9		33.1		26.0		16.9	
2500		39.6		35.4		30.3		21.9		10.7	
3150	4000	36.9	40.8	32.3	35.8	26.6	29.9	17.4	20.7	7.2	12.3
4000		36.1		31.1		25.2		15.6		7.4	
5000		34.8		29.4		23.2		14.0		7.9	
6300	8000	32.7	35.0	26.9	29.0	20.2	22.4	11.8	15.9	7.7	13.2
8000		30.0		23.7		16.9		10.7		8.3	
10000		24.7		18.6		13.4		11.0		9.1	
dB(A)		55.3		51.9		47.7		41.7		34.2	

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	125	53.2	57.4	54.7	56.8	56.1	56.8	53.4	53.8	52.0	52.2
125		50.7		48.4		44.0		39.0		33.4	
160		53.7		50.6		46.2		41.1		38.0	
200	250	52.7	60.4	50.1	56.5	46.0	52.9	43.0	47.1	33.4	39.1
250		54.6		53.3		50.5		42.4		35.0	
315		57.9		51.3		46.4		41.4		34.5	
400	500	52.2	56.8	49.3	54.0	45.3	50.2	40.8	45.2	33.2	37.4
500		52.7		50.1		46.4		41.3		33.7	
630		50.9		48.1		44.3		39.0		30.4	
800	1000	48.8	52.5	45.9	49.5	41.5	45.1	35.5	38.6	26.0	28.9
1000		48.3		45.4		41.1		34.2		24.4	
1250		45.3		41.9		37.3		30.4		20.2	
1600	2000	44.0	47.2	40.5	43.6	35.7	38.7	28.4	31.4	18.2	21.9
2000		42.5		38.9		33.9		27.0		18.7	
2500		40.1		36.1		30.9		22.9		11.6	
3150	4000	38.3	41.8	34.1	37.4	28.5	31.6	19.8	22.9	8.8	14.3
4000		36.9		32.5		26.7		17.8		9.5	
5000		35.4		30.6		24.5		15.9		10.3	
6300	8000	33.1	35.8	28.1	30.8	21.8	24.6	14.4	19.2	10.8	17.0
8000		30.7		25.5		19.2		13.8		11.5	
10000		28.0		22.9		17.1		15.0		13.7	
dB(A)		58.4		55.0		51.1		45.4		38.5	