

Sound Power Spectrum : FWE05F(A/B)F(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	125			55.8		51.5		51.9		47.0	
125				44.5	56.3	39.2	52.0	34.8	52.2	30.3	47.1
160				44.0		39.6		37.4		26.9	
200	250			43.6		42.7		33.3		26.3	
250				49.7	51.9	42.2	46.8	36.0	40.1	29.2	33.0
315				45.9		41.0		36.0		28.7	
400	500			45.7		41.8		35.1		27.6	
500				46.5	50.7	41.7	46.2	35.5	39.5	27.3	31.4
630				45.4		40.8		33.6		24.5	
800	1000			42.9		37.9		29.8		20.3	
1000				43.1	47.0	37.6	41.7	29.2	33.3	19.2	23.5
1250				40.1		34.7		25.5		15.3	
1600	2000			40.1		33.8		24.8		15.1	
2000				39.0	44.2	31.7	36.7	22.6	27.4	16.6	19.5
2500				39.2		28.7		18.5		10.5	
3150	4000			36.5		25.6		14.5		7.7	
4000				34.8	39.5	23.9	28.7	14.2	18.9	10.7	14.9
5000				31.4		21.3		13.5		11.1	
6300	8000			29.6		18.1		11.6		10.2	
8000				25.3	31.5	16.5	21.3	13.6	17.8	12.4	16.8
10000				21.8		14.4		13.7		13.0	
dB(A)				52.6		47.0		40.4		33.0	

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	125			43.4		41.6		31.1		27.4	
125				38.7	45.1	35.5	42.9	28.6	33.8	26.2	29.0
160				35.2		31.3		25.7		19.7	
200	250			34.9		31.9		23.6		17.4	
250				41.9	44.4	35.5	39.3	29.1	32.8	22.4	25.9
315				39.5		34.4		29.5		22.0	
400	500			40.9		37.2		30.0		22.7	
500				40.0	44.5	35.2	40.2	28.0	33.0	19.8	25.2
630				38.0		33.1		25.5		16.8	
800	1000			36.0		31.1		23.1		14.1	
1000				37.7	40.8	32.3	35.6	23.9	27.3	14.1	17.7
1250				33.6		28.2		19.1		8.7	
1600	2000			34.4		28.6		19.2		8.8	
2000				31.8	37.4	25.5	30.9	15.7	21.3	7.4	11.8
2500				30.8		22.2		11.2		3.1	
3150	4000			28.6		18.8		7.6		2.4	
4000				26.3	31.5	17.5	22.3	7.9	12.6	4.7	9.3
5000				24.1		15.7		7.9		5.8	
6300	8000			21.9		13.0		7.0		5.7	
8000				18.8	21.4	11.0	16.2	8.1	12.8	7.0	11.6
10000				14.1		9.5		8.7		7.7	
dB(A)				45.9		40.7		32.9		25.0	

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	125			55.5		51.0		51.9		47.0	
125				43.1	56.0	36.8	51.5	33.6	51.1	28.0	47.1
160				43.4		38.9		37.1		25.9	
200	250			43.0		42.3		32.8		25.7	
250				48.9	51.1	41.1	45.9	35.0	39.1	28.1	32.0
315				44.8		39.6		35.0		27.6	
400	500			43.9		40.0		33.4		25.9	
500				45.4	49.4	40.6	45.0	34.6	38.5	26.4	30.3
630				44.6		40.0		32.8		23.7	
800	1000			41.9		36.8		28.7		19.1	
1000				41.6	45.8	36.1	40.5	27.7	32.1	17.5	22.1
1250				39.1		33.6		24.4		14.2	
1600	2000			38.7		32.3		23.3		13.9	
2000				38.0	43.2	30.5	35.3	21.7	26.2	16.0	18.7
2500				38.5		27.5		17.5		9.6	
3150	4000			35.7		24.6		13.5		6.1	
4000				34.1	38.7	22.8	27.6	13.0	17.7	9.4	13.4
5000				30.5		19.9		12.2		9.7	
6300	8000			28.8		16.5		9.7		8.3	
8000				24.2	30.6	15.0	19.8	12.2	16.2	11.0	15.3
10000				21.0		12.8		12.0		11.6	
dB(A)				51.5		45.8		39.5		32.3	