

Sound Power Spectrum : FWE08F(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			58.0		53.6		53.3		51.4	
125				46.7	58.5	41.3	54.1	36.1	53.5	34.7	51.5
160				46.2		41.7		38.7		31.3	
200	250			45.8		44.8		34.7		30.7	
250				51.9	54.1	44.3	48.9	37.3	41.4	33.6	37.4
315				48.1		43.1		37.4		33.1	
400	500			47.9		43.9		36.4		32.0	
500				48.7	52.9	43.8	48.4	36.8	40.9	31.7	35.8
630				47.6		42.9		34.9		28.9	
800	1000			45.1		40.0		31.2		24.7	
1000				45.3	49.2	39.7	43.8	30.6	34.7	23.6	27.9
1250				42.3		36.8		26.9		19.7	
1600	2000			42.3		36.0		26.1		19.5	
2000				41.2	46.4	33.8	38.8	24.0	28.8	21.0	23.9
2500				41.4		30.8		19.8		14.9	
3150	4000			38.7		27.7		15.8		12.1	
4000				37.0	41.7	26.0	30.8	15.6	20.2	15.1	19.3
5000				33.6		23.4		14.9		15.6	
6300	8000			31.8		20.2		12.9		14.6	
8000				27.5	33.7	18.6	23.5	15.0	19.2	16.8	21.2
10000				24.0		16.5		15.0		17.5	
dB(A)				54.8		49.1		41.8		37.4	

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			45.6		43.7		32.5		29.1	
125				40.9	47.3	37.6	45.0	30.0	35.2	30.6	33.5
160				37.4		33.4		27.1		24.2	
200	250			37.1		34.0		24.9		21.9	
250				44.1	46.6	37.6	41.4	30.5	34.2	26.8	30.3
315				41.7		37.5		30.8		26.4	
400	500			43.1		39.3		31.4		27.1	
500				42.2	46.7	37.3	42.4	29.4	34.4	24.2	29.6
630				40.2		35.2		26.8		21.2	
800	1000			38.2		33.2		24.5		18.5	
1000				39.9	43.0	34.4	37.7	25.3	28.6	18.5	22.1
1250				35.8		30.4		20.5		13.1	
1600	2000			36.6		30.7		20.6		13.2	
2000				34.0	39.6	27.6	33.1	17.1	22.6	11.8	16.2
2500				33.0		24.3		12.6		7.5	
3150	4000			30.8		20.9		9.0		6.8	
4000				28.5	33.7	19.6	24.4	9.3	13.9	9.1	13.7
5000				26.3		17.8		9.2		10.2	
6300	8000			24.1		15.1		8.4		10.1	
8000				21.0	26.3	13.1	18.3	9.5	14.1	11.4	16.0
10000				16.3		11.6		10.0		12.1	
dB(A)				48.1		42.8		34.3			

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			57.7		53.2		53.3		51.4	
125				45.3	58.2	38.9	53.6	34.9	53.5	32.6	51.5
160				45.6		41.0		38.4		30.3	
200	250			45.2		44.4		34.2		30.1	
250				51.1	53.3	43.2	48.0	36.4	40.5	32.5	36.4
315				47.0		41.7		36.3		32.0	
400	500			46.1		42.1		34.8		30.3	
500				47.6	51.6	42.8	47.1	36.0	39.8	30.9	34.7
630				46.8		42.1		34.2		28.1	
800	1000			44.1		39.0		30.1		23.5	
1000				43.8	48.0	38.2	42.6	29.1	33.4	21.9	26.5
1250				41.3		35.7		25.8		18.6	
1600	2000			40.9		34.4		24.7		18.3	
2000				40.2	45.4	32.6	37.4	23.0	27.6	20.4	23.1
2500				40.7		29.7		18.9		14.0	
3150	4000			37.9		26.7		14.8		10.6	
4000				36.3	40.9	24.9	29.7	14.4	19.1	13.8	17.9
5000				32.7		22.0		13.5		14.1	
6300	8000			31.0		18.6		11.1		12.8	
8000				26.4	32.8	17.2	21.9	13.6	17.6	15.4	19.7
10000				23.2		14.9		13.4		16.0	
dB(A)				53.7		48.0		40.9		36.7	