

Sound Power Spectrum : FWE20F(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			63.2	63.7	58.1	58.6	59.1	59.4	54.8	54.9
125				51.8		45.8		42.0		38.1	
160				51.4		46.2		44.6		34.6	
200	250			51.0	59.3	49.3	53.4	40.5	47.2	34.1	40.8
250				57.1		48.8		43.2		36.9	
315				53.3		47.6		43.2		36.4	
400	500			53.1	58.0	48.4	52.8	42.2	46.7	35.4	39.2
500				53.9		48.3		42.6		35.1	
630				52.8		47.4		40.8		32.3	
800	1000			50.2	54.4	44.5	48.3	37.0	40.5	28.0	31.2
1000				50.5		44.2		36.4		26.9	
1250				47.5		41.3		32.7		23.1	
1600	2000			47.4	51.6	40.4	43.3	31.9	34.6	22.8	27.3
2000				46.4		38.3		29.8		24.3	
2500				46.6		35.3		25.6		18.3	
3150	4000			43.9	46.8	32.2	35.3	21.7	26.0	15.5	22.6
4000				42.2		30.5		21.4		18.5	
5000				38.8		27.9		20.7		18.9	
6300	8000			37.0	38.8	24.7	27.9	18.8	25.0	18.0	24.6
8000				32.7		23.1		20.8		20.2	
10000				29.2		21.0		20.8		20.8	
dB(A)				60.0		53.6		47.6		40.8	

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			50.8	52.5	48.2	49.5	38.3	41.0	32.5	36.8
125				46.1		42.1		35.8		33.9	
160				42.6		37.9		32.9		27.5	
200	250			42.3	51.8	38.5	45.9	30.7	40.0	25.2	33.7
250				49.3		42.1		36.3		30.2	
315				46.9		42.0		36.6		29.8	
400	500			48.2	51.9	43.8	46.8	37.2	40.2	30.5	33.0
500				47.3		41.8		35.2		27.6	
630				45.3		39.7		32.7		24.6	
800	1000			43.3	48.2	37.7	42.2	30.3	34.5	21.9	25.5
1000				45.1		38.9		31.1		21.9	
1250				41.0		34.8		26.3		16.5	
1600	2000			41.8	44.8	35.2	37.5	26.4	28.5	16.6	19.6
2000				39.2		32.1		22.9		15.2	
2500				38.2		28.8		18.4		10.8	
3150	4000			36.0	38.9	25.4	28.9	14.8	19.8	10.2	17.1
4000				33.7		24.1		15.1		12.5	
5000				31.5		22.3		15.1		13.6	
6300	8000			29.3	31.5	19.6	22.8	14.2	19.9	13.5	19.4
8000				26.2		17.6		15.3		14.7	
10000				21.5		16.1		15.8		15.5	
dB(A)				53.2		47.3		40.1		32.8	

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			62.9	63.4	57.6	58.1	59.1	59.3	54.7	54.8
125				50.5		43.4		40.7		36.0	
160				50.8		45.5		44.3		33.7	
200	250			50.4	58.5	48.9	52.5	40.0	46.3	33.5	39.8
250				56.3		47.7		42.2		35.9	
315				52.2		46.2		42.1		35.4	
400	500			51.3	56.8	46.6	51.6	40.6	45.6	33.6	38.0
500				52.8		47.2		41.8		34.2	
630				52.0		46.6		40.0		31.5	
800	1000			49.2	53.2	43.4	47.1	35.9	39.3	26.8	29.9
1000				49.0		42.7		34.9		25.3	
1250				46.4		40.2		31.6		22.0	
1600	2000			46.1	50.6	38.9	41.9	30.5	33.4	21.7	26.4
2000				45.4		37.1		28.8		23.8	
2500				45.9		34.1		24.7		17.4	
3150	4000			43.1	46.1	31.2	34.2	20.7	24.9	13.9	21.2
4000				41.5		29.4		20.2		17.2	
5000				37.9		26.5		19.3		17.4	
6300	8000			36.1	38.0	23.1	26.4	16.9	23.4	16.1	23.1
8000				31.6		21.6		19.4		18.8	
10000				28.4		19.4		19.2		19.3	
dB(A)				58.9		52.4		46.7		40.0	