

Sound Power Spectrum : FWE14F(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	57.7	62.2	60.3	62.3	61.8	62.5	59.3	59.7	57.5	57.7
125		56.3		54.3		50.6		45.1		39.4	
160		58.1		55.6		51.9		46.4		42.9	
200	250	57.2	65.3	55.1	62.3	51.7	59.3	48.3	52.9	38.6	45.0
250		60.0		59.2		57.1		48.3		40.9	
315		62.8		57.3		53.0		47.6		40.7	
400	500	58.1	62.4	55.7	60.2	52.4	56.9	47.4	51.6	39.8	43.7
500		58.2		56.1		53.0		47.4		39.7	
630		56.5		54.2		50.9		45.1		36.6	
800	1000	54.4	58.5	51.9	55.9	48.2	52.1	41.8	45.4	32.6	35.9
1000		54.7		52.1		48.3		41.3		31.9	
1250		51.6		48.6		44.7		37.6		27.6	
1600	2000	50.9	54.0	47.9	50.9	43.8	46.7	36.3	39.1	26.3	29.4
2000		49.1		46.0		41.7		34.4		25.6	
2500		46.8		43.4		38.8		30.3		18.9	
3150	4000	44.7	48.3	40.9	44.3	35.8	39.1	26.6	29.8	15.7	21.1
4000		43.5		39.4		34.2		24.7		16.3	
5000		42.1		37.6		32.1		22.9		17.0	
6300	8000	39.9	42.4	35.1	37.5	29.2	31.8	21.1	25.7	17.2	23.2
8000		37.3		32.2		26.4		20.4		17.9	
10000		33.6		28.8		23.9		21.3		19.7	
dB(A)		64.1		61.3		57.9		51.8		44.6	

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	48.3	54.3	53.6	55.2	52.0	53.2	52.6	52.9	49.8	49.9
125		51.3		48.7		44.9		39.3		33.4	
160		48.2		45.2		42.5		36.5		29.7	
200	250	47.7	58.6	45.5	56.1	42.5	53.3	38.8	45.9	29.1	38.7
250		54.3		53.4		51.4		41.8		34.8	
315		55.9		51.8		47.6		42.0		35.5	
400	500	53.5	57.4	51.0	55.0	47.9	51.7	42.7	46.2	35.2	38.5
500		52.9		50.7		47.4		41.5		33.9	
630		51.3		48.8		45.2		39.2		31.2	
800	1000	49.2	54.3	46.5	51.4	42.7	47.5	36.3	40.9	27.9	32.1
1000		51.0		48.1		44.1		37.4		28.6	
1250		47.7		44.7		40.7		33.7		24.2	
1600	2000	47.8	50.8	44.7	47.6	40.7	43.5	33.4	35.9	23.6	26.1
2000		45.6		42.5		38.3		30.8		21.6	
2500		43.5		40.0		35.4		26.8		15.4	
3150	4000	40.9	44.8	36.8	40.4	31.7	35.1	22.3	25.5	11.9	17.0
4000		40.1		35.6		30.3		20.5		12.1	
5000		38.7		34.0		28.3		18.9		12.6	
6300	8000	36.7	38.9	31.4	33.5	25.3	27.6	16.6	20.8	12.4	17.9
8000		33.9		28.3		22.1		15.5		13.0	
10000		28.7		23.1		18.6		15.8		13.8	
dB(A)		59.3		56.5		52.9		46.5		38.9	

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	57.1	61.4	59.2	61.3	61.3	62.0	58.3	58.7	56.7	56.9
125		54.6		52.9		49.2		43.8		38.1	
160		57.6		55.1		51.4		46.0		42.7	
200	250	56.6	64.3	54.6	61.1	51.1	58.1	47.8	51.9	38.1	43.8
250		58.6		57.8		55.7		47.2		39.7	
315		61.8		55.8		51.5		46.2		39.2	
400	500	56.2	60.7	53.9	58.6	50.5	55.4	45.6	50.1	37.9	42.1
500		56.7		54.6		51.6		46.2		38.4	
630		54.9		52.7		49.5		43.8		35.1	
800	1000	52.8	56.5	50.4	54.0	46.7	50.3	40.3	43.5	30.7	33.6
1000		52.3		49.9		46.3		39.1		29.1	
1250		49.3		46.4		42.4		35.3		24.9	
1600	2000	47.9	51.2	45.0	48.2	40.8	43.8	33.2	36.3	22.9	26.6
2000		46.5		43.4		39.1		31.9		23.4	
2500		44.0		40.7		36.0		27.7		16.3	
3150	4000	42.3	45.8	38.7	42.0	33.7	36.8	24.7	27.7	13.5	19.0
4000		40.9		37.1		31.9		22.6		14.2	
5000		39.3		35.2		29.7		20.7		15.0	
6300	8000	37.1	39.8	32.7	35.3	26.9	29.7	19.2	24.0	15.5	21.7
8000		34.6		30.0		24.4		18.6		16.2	
10000		31.9		27.4		22.3		19.8		18.4	
dB(A)		62.4		59.6		56.2		50.3		43.2	