

Sound Power Spectrum : FWE14F(A/B)T(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		57.3		59.0		61.9		58.6		56.9	
125	125	56.0	61.9	53.0	61.0	50.7	62.6	44.5	59.0	38.8	57.1
160		57.8		54.3		52.0		45.7		42.3	
200		56.9		53.8		51.8		47.6		38.1	
250	250	59.6	65.0	57.9	61.0	57.2	59.4	47.6	52.2	40.4	44.4
315		62.5		56.0		53.1		46.9		40.2	
400		57.8		54.4		52.5		46.7		39.2	
500	500	57.9	62.1	54.8	58.9	53.1	57.1	46.8	50.9	39.2	43.1
630		56.1		52.9		51.0		44.4		36.0	
800		54.1		50.6		48.3		41.1		32.0	
1000	1000	54.4	58.2	50.8	54.6	48.5	52.3	40.6	44.7	31.3	35.3
1250		51.3		47.4		44.8		36.9		27.0	
1600		50.6		46.6		43.9		35.6		25.7	
2000	2000	48.8	53.7	44.7	49.6	41.8	46.8	33.7	38.4	25.0	28.8
2500		46.5		42.1		38.9		29.6		18.3	
3150		44.3		39.6		36.0		25.9		15.2	
4000	4000	43.2	48.0	38.2	43.0	34.3	39.2	24.0	29.1	15.8	20.6
5000		41.8		36.3		32.2		22.2		16.4	
6300		39.6		33.8		29.3		20.4		16.6	
8000	8000	37.0	42.1	31.0	36.3	26.5	31.9	19.7	25.0	17.3	22.6
10000		33.3		27.5		24.0		20.6		19.1	
dB(A)		63.8		60.0		58.0		51.1		44.0	

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		48.0		52.3		52.1		51.9		49.2	
125	125	51.0	54.0	47.4	54.0	45.0	53.3	38.6	52.5	32.8	49.3
160		47.9		44.0		42.6		35.8		29.2	
200		47.4		44.2		42.6		38.1		28.5	
250	250	54.0	58.2	52.2	54.9	51.5	53.4	41.1	45.2	34.3	38.1
315		55.6		50.6		47.7		41.3		35.0	
400		53.2		49.7		48.0		42.1		34.7	
500	500	52.6	57.1	49.4	53.7	47.5	51.9	40.8	45.5	33.3	38.0
630		51.0		47.5		45.3		38.5		30.6	
800		48.9		45.3		42.9		35.7		27.4	
1000	1000	50.7	54.0	46.8	50.2	44.3	47.6	36.7	40.2	28.0	31.5
1250		47.4		43.4		40.9		33.1		23.7	
1600		47.5		43.5		40.9		32.7		23.1	
2000	2000	45.3	50.5	41.2	46.3	38.4	43.6	30.1	35.2	21.0	25.6
2500		43.2		38.7		35.6		26.1		14.8	
3150		40.6		35.6		31.9		21.6		11.3	
4000	4000	39.7	44.4	34.3	39.1	30.5	35.2	19.8	27.8	11.6	16.4
5000		38.4		32.7		28.5		18.2		12.0	
6300		36.4		30.1		25.5		15.9		11.8	
8000	8000	33.6	38.6	27.0	32.3	22.2	27.7	14.8	20.1	12.4	17.3
10000		28.3		21.9		18.7		15.1		13.3	
dB(A)		59.0		55.2		53.0		45.8		38.4	

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		56.8		58.0		61.4		57.6		56.1	
125	125	54.3	61.1	51.7	60.1	49.3	62.1	43.1	58.0	37.6	56.4
160		57.3		53.9		51.5		45.3		42.1	
200		56.3		53.3		51.3		47.1		37.6	
250	250	58.3	64.0	56.5	59.8	55.8	58.2	46.5	51.2	39.1	43.4
315		61.5		54.6		51.7		45.5		38.6	
400		55.9		52.6		50.6		44.9		37.4	
500	500	56.4	60.4	53.4	57.3	51.7	55.5	45.5	49.4	37.9	41.6
630		54.5		51.4		49.6		43.1		34.5	
800		52.5		49.2		46.8		39.7		30.2	
1000	1000	52.0	56.1	48.6	52.7	46.4	50.4	38.4	42.8	28.5	33.0
1250		49.0		45.1		42.6		34.6		24.3	
1600		47.6		43.7		41.0		32.5		22.3	
2000	2000	46.2	50.9	42.1	46.9	39.2	44.0	31.2	35.6	22.9	26.0
2500		43.7		39.4		36.2		27.0		15.7	
3150		42.0		37.4		33.8		24.0		12.9	
4000	4000	40.6	45.5	35.8	40.7	32.0	36.9	21.9	27.0	13.7	18.5
5000		39.0		33.9		29.8		20.0		14.4	
6300		36.8		31.4		27.1		18.5		14.9	
8000	8000	34.3	39.5	28.8	34.1	24.5	29.9	17.9	23.3	15.7	21.1
10000		31.6		26.2		22.4		19.1		17.8	
dB(A)		62.0		58.3		56.4		49.6		42.6	