

Sound Power overall ( dBA ): FWE20F(A/B)T(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				62.2		57.1		58.4		55.1	
125	125			50.8	62.7	44.8	57.6	41.3	58.7	38.4	55.2
160				50.4		45.2		43.9		35.0	
200				50.0		48.2		39.8		34.4	
250	250			56.1	58.3	47.7	52.3	42.5	46.5	37.3	41.1
315				52.3		46.6		42.5		36.8	
400				52.1		47.4		41.5		35.7	
500	500			52.9	57.0	47.3	51.8	41.9	46.0	35.4	39.6
630				51.8		46.4		40.1		32.6	
800				49.2		43.4		36.3		28.4	
1000	1000			49.5	53.4	43.2	47.3	35.7	39.8	27.3	31.6
1250				46.5		40.2		32.0		23.4	
1600				46.4		39.4		31.2		23.2	
2000	2000			45.4	50.6	37.2	42.2	29.1	33.9	24.7	27.6
2500				45.6		34.2		24.9		18.6	
3150				42.9		31.1		21.0		15.8	
4000	4000			41.2	45.9	29.4	34.3	20.7	25.3	18.8	23.0
5000				37.8		26.9		20.0		19.3	
6300				36.0		23.6		18.1		18.4	
8000	8000			31.7	37.9	22.1	26.9	20.1	24.3	20.6	25.0
10000				28.2		20.0		20.1		21.2	
dB(A)				59.0		52.6		46.9		41.1	

  

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				49.8		47.2		37.6		32.8	
125	125			45.1	51.5	41.1	48.5	35.1	40.3	34.3	37.2
160				41.6		36.9		32.2		27.9	
200				41.3		37.5		30.0		25.6	
250	250			48.3	50.8	41.1	44.9	35.6	39.3	30.6	34.0
315				45.9		40.9		35.9		30.2	
400				47.2		42.7		36.5		30.8	
500	500			46.4	50.9	40.8	45.8	34.5	39.5	27.9	33.3
630				44.4		38.7		32.0		24.9	
800				42.3		36.6		29.6		22.2	
1000	1000			44.1	47.2	37.8	41.2	30.4	33.8	22.2	25.8
1250				40.0		33.8		25.6		16.8	
1600				40.8		34.2		25.7		16.9	
2000	2000			38.2	43.8	31.0	36.5	22.2	27.8	15.5	19.9
2500				37.2		27.8		17.7		11.2	
3150				35.0		24.4		14.1		10.5	
4000	4000			32.7	37.9	23.0	27.8	14.4	19.1	12.8	17.4
5000				30.5		21.3		14.4		13.9	
6300				28.3		18.5		13.5		13.8	
8000	8000			25.2	30.5	16.6	21.7	14.6	19.2	15.1	19.7
10000				20.5		15.0		15.1		15.8	
dB(A)				52.3		46.2		39.4		33.1	

  

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				61.9		56.6		58.4		55.1	
125	125			49.5	62.4	42.3	57.0	40.0	58.6	36.3	55.2
160				49.8		44.5		43.6		34.0	
200				49.4		47.9		39.3		33.8	
250	250			55.3	57.5	46.7	51.5	41.5	45.6	36.3	40.2
315				51.2		45.2		41.4		35.7	
400				50.3		45.6		39.9		34.0	
500	500			51.8	55.8	46.2	50.6	41.1	44.9	34.6	38.4
630				51.0		45.6		39.3		31.8	
800				48.3		42.4		35.2		27.2	
1000	1000			48.0	52.2	41.7	46.0	34.2	38.6	25.7	30.3
1250				45.5		39.1		30.9		22.3	
1600				45.1		37.9		29.8		22.0	
2000	2000			44.4	49.6	36.1	40.9	28.1	32.7	24.1	26.8
2500				44.9		33.1		24.0		17.7	
3150				42.1		30.1		20.0		14.3	
4000	4000			40.5	45.1	28.3	33.1	19.5	24.2	17.5	21.6
5000				36.9		25.5		18.6		17.8	
6300				35.2		22.0		16.2		16.5	
8000	8000			30.6	37.0	20.6	25.3	18.7	22.7	19.1	23.4
10000				27.4		18.3		18.5		19.7	
dB(A)				57.9		51.4		46.0		40.4	