

Sound power level		Whole Casing Sound Power Spectrum (dB): FWQ17AAF					
FWQ17AAF		50 Hz - 230 V					
ESP		60		50		20	
Fan Speed		10.0V		7.6V		3.0V	
		H		M		L	
1/3 Oct. (Hz)	1/1 Oct. (Hz)	1/3 Oct (dB)	1/1 Oct (dB)	1/3 Oct (dB)	1/1 Oct (dB)	1/3 Oct (dB)	1/1 Oct (dB)
100		55.8		53.9		47.8	
125	125	58.2	61.1	56.3	59.2	50.2	53.1
160		54.1		52.2		46.1	
200		52.5		50.6		44.5	
250	250	55.1	58.5	53.2	56.6	47.1	50.5
315		53.3		51.4		45.3	
400		51.9		50.0		43.9	
500	500	50.6	55.9	48.7	54.0	42.6	47.9
630		51.0		49.1		43.0	
800		53.8		51.9		45.8	
1000	1000	52.4	57.0	50.5	55.1	44.4	49.0
1250		49.3		47.4		41.3	
1600		47.8		45.9		39.8	
2000	2000	45.6	50.9	43.7	49.0	37.6	42.9
2500		44.2		42.3		36.2	
3150		41.2		39.3		33.2	
4000	4000	39.1	44.1	37.2	42.2	31.1	36.1
5000		36.3		34.4		28.3	
6300		34.0		32.1		26.0	
8000	8000	29.7	35.8	27.8	33.9	21.7	27.8
10000		25.3		23.4		17.3	
dB(A)		60.0		58.0		52.0	

Sound power level		Discharge Sound Power Spectrum (dB): FWQ17AAF					
FWQ17AAF		50 Hz - 230 V					
ESP		60		50		20	
Fan Speed		10.0V		7.6V		3.0V	
		H		M		L	
1/3 Oct. (Hz)	1/1 Oct. (Hz)	1/3 Oct (dB)	1/1 Oct (dB)	1/3 Oct (dB)	1/1 Oct (dB)	1/3 Oct (dB)	1/1 Oct (dB)
100		50.8		48.9		42.8	
125	125	53.2	56.1	51.3	54.2	45.2	48.1
160		49.1		47.2		41.1	
200		47.5		45.6		39.5	
250	250	50.1	53.5	48.2	51.6	42.1	45.5
315		48.3		46.4		40.3	
400		46.9		45.0		38.9	
500	500	45.6	50.9	43.7	49.0	37.6	42.9
630		46.0		44.1		38.0	
800		48.8		46.9		40.8	
1000	1000	47.4	52.0	45.5	50.1	39.4	44.0
1250		44.3		42.4		36.3	
1600		42.8		40.9		34.8	
2000	2000	40.6	45.9	38.7	44.0	32.6	37.9
2500		39.2		37.3		31.2	
3150		36.2		34.3		28.2	
4000	4000	34.1	39.1	32.2	37.2	26.1	31.1
5000		31.3		29.4		23.3	
6300		29.0		27.1		21.0	
8000	8000	24.7	30.8	22.8	28.9	16.7	22.8
10000		20.3		18.4		12.6	
dB(A)		55.0		53.0		47.0	

Sound power level		19.7Inlet and Casing Sound Power Spectrum (dB): FWQ17AAF					
FWQ17AAF		15.950 Hz - 230 V12.8					
ESP		60		50		20	
Fan Speed		10.0V		7.6V		3.0V	
		H		M		L	
1/3 Oct. (Hz)	1/1 Oct. (Hz)	1/3 Oct (dB)	1/1 Oct (dB)	1/3 Oct (dB)	1/1 Oct (dB)	1/3 Oct (dB)	1/1 Oct (dB)
100		53.8		51.9		45.8	
125	125	56.2	59.1	54.3	57.2	48.2	51.1
160		52.1		50.2		44.1	
200		50.5		48.6		42.5	
250	250	53.1	56.5	51.2	54.6	45.1	48.5
315		51.3		49.4		43.3	
400		49.9		48.0		41.9	
500	500	49.6	53.9	46.7	52.0	40.6	45.9
630		49.0		47.1		41.0	
800		51.8		49.9		43.8	
1000	1000	50.4	55.0	48.5	53.1	42.4	47.0
1250		47.3		45.4		39.3	
1600		45.8		43.9		37.8	
2000	2000	43.6	48.9	41.7	47.0	35.6	40.9
2500		42.2		40.3		34.2	
3150		39.2		37.3		31.2	
4000	4000	37.1	42.1	35.2	40.2	29.1	34.1
5000		34.3		32.4		26.3	
6300		32.0		30.1		24.0	
8000	8000	27.7	33.8	25.8	31.9	19.7	25.8
10000		23.3		21.4		15.3	
dB(A)		58.0		56.0		50.0	