

Sound power level		Whole Casing Sound Power Spectrum (dB): FWQ11AAF					
FWQ11AAF		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		51.3		50.3		44.3	
125	125	50.1	55.2	49.1	54.2	43.1	48.2
160		49.9		48.9		42.9	
200		49.4		48.4		42.4	
250	250	49.9	54.3	48.9	53.3	42.9	47.3
315		49.3		48.3		42.3	
400		48.8		47.8		41.8	
500	500	47.6	52.5	46.6	51.5	40.6	45.5
630		46.6		45.6		39.6	
800		49.3		48.3		42.3	
1000	1000	50.3	53.9	49.3	52.9	43.3	46.9
1250		47.2		46.2		40.2	
1600		45.5		44.5		38.5	
2000	2000	44.0	49.0	43.0	48.0	37.0	42.0
2500		42.6		41.6		35.6	
3150		39.9		38.9		32.9	
4000	4000	38.1	43.1	37.1	42.1	31.1	36.1
5000		36.3		35.3		29.3	
6300		34.1		33.1		27.1	
8000	8000	29.2	35.5	28.2	34.5	22.2	28.5
10000		21.2		20.2		14.2	
dB(A)		57.0		56.0		50.0	

Sound power level		Discharge Sound Power Spectrum (dB): FWQ11AAF					
FWQ11AAF		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		46.3		45.3		39.3	
125	125	45.1	50.2	44.1	49.2	38.1	43.2
160		44.9		43.9		37.9	
200		44.4		43.4		37.4	
250	250	44.9	49.3	43.9	48.3	37.9	42.3
315		44.3		43.3		37.3	
400		43.8		42.8		36.8	
500	500	42.6	47.5	41.6	46.5	35.6	40.5
630		41.6		40.6		34.6	
800		44.3		43.3		37.3	
1000	1000	45.3	48.9	44.3	47.9	38.3	41.9
1250		42.2		41.2		35.2	
1600		40.5		39.5		33.5	
2000	2000	39.0	44.0	38.0	43.0	32.0	37.0
2500		37.6		36.6		30.6	
3150		34.9		33.9		27.9	
4000	4000	33.1	38.1	32.1	37.1	26.1	31.1
5000		31.3		30.3		24.3	
6300		29.1		28.1		22.1	
8000	8000	24.2	30.5	32.2	29.5	17.2	23.5
10000		16.2		15.2		9.2	
dB(A)		52.0		51.0		45.0	

Sound power level		19.7Inlet and Casing Sound Power Spectrum (dB): FWQ11AAF					
FWQ11AAF		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		49.3		48.3		42.3	
125	125	48.1	53.2	47.1	52.2	41.1	46.2
160		47.9		46.9		40.9	
200		47.4		46.4		40.4	
250	250	47.9	25.3	46.9	51.3	40.9	45.3
315		47.3		46.3		40.3	
400		46.8		45.8		39.8	
500	500	45.6	50.5	44.6	49.5	38.6	43.5
630		44.6		43.6		37.6	
800		47.3		46.3		40.3	
1000	1000	48.3	51.9	47.3	50.9	41.3	44.9
1250		45.2		44.2		38.2	
1600		43.5		42.5		36.5	
2000	2000	42.0	47.0	41.0	46.0	35.0	40.0
2500		40.6		39.6		33.6	
3150		37.9		36.9		30.9	
4000	4000	36.1	41.1	35.1	40.1	29.1	34.1
5000		34.3		33.3		27.3	
6300		32.1		31.1		25.1	
8000	8000	27.2	33.5	26.2	32.5	20.2	26.5
10000		19.2		18.2		12.2	
dB(A)		55.0		54.0		48.0	