

Sound power level		Whole Casing Sound Power Spectrum (dB): FWQ09AAT					
FWQ09AAT		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	125	54.6	57.4	52.6	55.4	47.6	50.4
125		51.4		49.4		44.4	
160		50.8		48.8		43.8	
200	250	49.9	55.0	47.9	53.0	42.9	48.0
250		50.5		48.5		43.5	
315		50.2		48.2		43.2	
400	500	49.6	53.3	47.6	51.3	42.6	46.3
500		48.3		46.3		41.3	
630		47.5		45.5		40.5	
800	1000	50.1	53.9	48.1	51.9	43.1	46.9
1000		49.8		47.8		42.8	
1250		46.5		44.5		39.5	
1600	2000	45.1	48.6	43.1	46.6	38.1	41.6
2000		43.8		41.8		36.8	
2500		41.9		39.9		34.9	
3150	4000	38.7	41.2	36.7	39.2	31.7	34.2
4000		35.6		33.6		28.6	
5000		32.9		30.9		25.9	
6300	8000	39.7	31.8	27.7	29.8	22.7	24.8
8000		25.9		23.9		18.9	
10000		22.8		20.8		15.8	
dB(A)		57.0		55.0		50.0	

Sound power level		Discharge Sound Power Spectrum (dB): FWQ09AAT					
FWQ09AAT		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	125	49.6	52.4	47.6	50.4	42.6	45.4
125		46.4		44.4		39.4	
160		45.8		43.8		38.8	
200	250	44.9	50.0	42.9	48.0	37.9	43.0
250		45.5		43.5		35.5	
315		45.2		43.2		38.2	
400	500	44.6	48.3	42.6	46.3	37.6	41.3
500		43.3		41.3		36.3	
630		42.5		40.5		35.5	
800	1000	45.1	48.9	43.1	46.9	37.1	41.9
1000		44.8		42.8		37.8	
1250		41.5		39.5		34.5	
1600	2000	40.1	43.6	38.1	41.6	33.1	36.6
2000		38.8		36.8		31.8	
2500		36.9		34.9		29.9	
3150	4000	33.7	36.2	31.7	34.2	26.7	29.2
4000		30.6		28.6		23.6	
5000		27.9		26.9		20.9	
6300	8000	24.7	26.8	22.7	24.8	17.7	19.8
8000		20.9		18.9		13.9	
10000		17.8		15.0		10.8	
dB(A)		52.0		50.0		45.0	

Sound power level		19.7Inlet and Casing Sound Power Spectrum (dB): FWQ09AAT					
FWQ09AAT		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	125	52.6	55.4	50.6	53.4	45.6	48.4
125		49.4		47.4		42.4	
160		48.8		46.8		41.8	
200	250	47.9	53.0	45.9	51.0	40.9	46.0
250		48.5		46.5		41.5	
315		48.2		46.2		41.2	
400	500	47.6	51.3	45.6	49.3	40.6	44.3
500		46.3		44.3		39.3	
630		45.5		43.5		38.5	
800	1000	48.1	51.9	46.1	49.9	41.1	44.9
1000		47.8		45.8		40.8	
1250		44.5		42.5		37.5	
1600	2000	43.1	46.6	41.1	44.6	36.1	39.6
2000		41.8		39.8		34.8	
2500		39.9		37.9		32.9	
3150	4000	36.7	39.2	34.7	37.2	29.7	32.2
4000		33.6		31.6		26.6	
5000		30.9		28.9		23.9	
6300	8000	27.7	29.8	25.7	27.8	20.7	22.8
8000		23.9		21.9		16.9	
10000		20.8		18.8		13.8	
dB(A)		55.0		53.0		48.0	