

Sound power level		Whole Casing Sound Power Spectrum (dB): FWQ04AAT					
FWQ04AAT		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	54.9	57.1	51.9	54.1	46.9	49.1
125		51.1		48.1		43.1	
160		48.4		45.4		40.4	
200	250	46.9	52.2	43.9	49.2	38.9	44.2
250		47.9		44.9		39.9	
315		47.4		44.4		39.4	
400	500	46.3	49.2	43.3	46.2	38.3	41.2
500		42.9		39.9		34.9	
630		43.4		40.4		35.4	
800	1000	45.8	48.1	42.8	45.1	37.8	40.1
1000		42.7		39.7		34.7	
1250		39.3		36.3		31.3	
1600	2000	38.1	42.1	35.1	39.1	30.1	34.1
2000		37.7		34.7		29.7	
2500		35.8		32.8		27.8	
3150	4000	31.1	34.0	28.1	31.0	23.1	26.0
4000		28.5		25.5		20.5	
5000		27.2		24.2		19.2	
6300	8000	25.4	29.5	22.4	26.5	17.4	21.5
8000		24.8		21.8		16.8	
10000		23.8		20.8		15.8	
dB(A)		52.0		49.0		44.0	

Sound power level		Discharge Sound Power Spectrum (dB): FWQ04AAT					
FWQ04AAT		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	49.9	52.1	46.9	49.1	41.9	44.1
125		46.1		43.1		38.1	
160		43.4		40.4		35.4	
200	250	41.9	47.2	38.9	44.2	33.9	39.2
250		42.9		39.9		34.9	
315		42.4		39.4		34.4	
400	500	41.3	44.2	38.3	41.2	33.3	36.2
500		37.9		34.9		29.9	
630		38.4		35.4		30.4	
800	1000	40.8	43.1	37.8	40.1	32.8	35.1
1000		37.7		34.7		29.7	
1250		34.3		31.3		26.3	
1600	2000	33.1	37.1	30.1	34.1	25.1	29.1
2000		32.7		29.7		24.7	
2500		30.8		27.8		22.8	
3150	4000	26.1	29.0	23.1	26.0	18.1	21.0
4000		23.5		20.5		15.5	
5000		22.2		19.2		14.2	
6300	8000	20.4	24.5	17.4	21.5	12.4	16.5
8000		19.8		16.8		11.8	
10000		18.8		15.8		10.8	
dB(A)		7.0		44.0		39.0	

Sound power level		Inlet and Casing Sound Power Spectrum (dB): FWQ04AAT					
FWQ04AAT		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	52.9	55.1	49.9	52.1	44.9	47.1
125		49.1		46.1		41.4	
160		46.4		43.4		38.4	
200	250	44.9	50.2	41.9	47.2	36.9	42.2
250		45.9		42.9		37.9	
315		45.4		42.4		37.4	
400	500	44.3	47.2	41.3	44.2	36.3	39.2
500		40.9		37.9		32.9	
630		41.4		38.4		33.4	
800	1000	43.8	46.1	40.8	43.1	35.8	38.1
1000		40.7		37.7		32.7	
1250		39.7		34.3		29.3	
1600	2000	36.1	40.1	33.1	37.1	28.1	32.1
2000		35.7		32.7		27.7	
2500		33.8		30.8		25.8	
3150	4000	29.1	32.0	26.1	29.0	21.1	24.0
4000		26.5		23.5		18.5	
5000		25.2		22.2		17.2	
6300	8000	23.4	27.5	20.4	24.5	15.4	19.5
8000		22.8		19.8		14.8	
10000		21.8		18.8		13.8	
dB(A)		50.0		47.0		42.0	