

Sound power level		Whole Casing Sound Power Spectrum (dB): FWQ05AAT					
FWQ05AAT		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	54.0	57.3	51.0	54.3	45.0	48.3
125		52.8		49.8		43.8	
160		49.9		46.9		40.9	
200	250	48.6	54.3	45.6	51.3	39.6	45.3
250		50.0		47.0		41.0	
315		50.0		47.0		41.0	
400	500	49.2	52.3	46.2	49.3	40.2	43.3
500		46.7		43.7		37.7	
630		46.0		43.0		37.0	
800	1000	49.0	51.6	46.0	48.6	40.0	42.6
1000		46.9		43.9		37.9	
1250		42.5		39.5		33.5	
1600	2000	41.6	45.5	38.6	42.5	32.6	36.5
2000		41.2		38.2		32.2	
2500		39.1		36.1		30.1	
3150	4000	35.4	37.9	32.4	34.9	26.4	28.9
4000		32.4		29.4		23.4	
5000		29.6		26.6		20.6	
6300	8000	27.4	30.4	24.4	27.4	18.4	21.4
8000		25.3		22.3		16.3	
10000		23.2		20.2		14.2	
dB(A)		55.0		52.0		46.0	

Sound power level		Discharge Sound Power Spectrum (dB): FWQ05AAT					
FWQ05AAT		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	49.0	52.3	46.0	49.3	40.0	43.3
125		47.8		44.8		38.8	
160		44.9		41.9		35.9	
200	250	43.6	49.3	40.6	46.3	34.6	40.3
250		45.0		42.0		36.0	
315		45.0		42.0		36.0	
400	500	44.2	47.3	41.2	44.3	35.2	38.3
500		41.7		38.7		32.7	
630		41.0		38.0		32.0	
800	1000	44.0	46.6	41.0	43.6	35.0	37.6
1000		41.9		38.9		32.9	
1250		37.5		34.5		28.5	
1600	2000	36.6	40.5	33.6	37.5	27.6	31.5
2000		36.2		33.2		27.2	
2500		34.1		31.1		25.1	
3150	4000	30.4	32.9	27.4	29.9	21.4	23.9
4000		27.4		24.4		18.4	
5000		24.6		21.6		15.6	
6300	8000	22.4	25.4	19.4	22.4	13.4	16.4
8000		20.3		17.3		11.3	
10000		18.2		15.2		9.2	
dB(A)		50.0		47.0		41.0	

Sound power level		Inlet and Casing Sound Power Spectrum (dB): FWQ05AAT					
FWQ05AAT		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	52.0	55.3	49.0	52.3	43.0	46.3
125		50.8		47.8		41.8	
160		47.9		44.9		38.9	
200	250	46.6	52.3	43.6	49.3	37.6	43.3
250		48.0		45.0		39.0	
315		48.0		45.0		39.0	
400	500	47.2	50.3	44.2	47.3	38.2	41.3
500		44.7		41.7		35.7	
630		44.0		41.0		35.0	
800	1000	47.0	49.6	44.0	46.6	38.0	40.6
1000		44.9		41.9		35.9	
1250		40.5		37.5		31.5	
1600	2000	39.6	43.5	36.6	40.5	30.6	34.5
2000		39.2		36.2		30.2	
2500		37.1		34.1		28.1	
3150	4000	33.4	35.9	30.4	32.9	24.4	26.9
4000		30.4		27.4		21.4	
5000		27.6		24.6		18.6	
6300	8000	25.4	28.4	22.4	25.4	16.4	19.4
8000		23.3		20.3		14.3	
10000		21.2		18.2		12.2	
dB(A)		53.0		50.0		44.0	