

Sound power level		Whole Casing Sound Power Spectrum (dB): FWQ14AAF					
FWQ14AAF		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	53.2	58.8	52.2	57.8	47.2	52.8
125		54.4		53.4		48.4	
160		54.3		53.3		48.3	
200	250	54.6	59.3	53.6	58.3	48.6	53.3
250		54.8		53.8		48.8	
315		54.2		53.2		48.2	
400	500	53.3	56.9	52.3	55.9	47.3	50.9
500		51.8		50.8		45.8	
630		50.9		49.9		44.9	
800	1000	54.0	58.6	53.0	57.6	48.0	52.6
1000		54.5		53.5		48.5	
1250		52.9		51.9		46.9	
1600	2000	51.2	54.5	50.2	53.5	45.2	48.5
2000		49.3		48.3		43.3	
2500		48.1		47.1		42.1	
3150	4000	45.6	49.4	44.6	48.4	39.6	43.4
4000		44.5		43.5		38.5	
5000		43.3		42.3		37.3	
6300	8000	42.0	43.6	41.0	42.6	36.0	37.6
8000		37.9		36.9		31.9	
10000		29.6		28.6		23.6	
dB(A)		62.0		61.0		56.0	

Sound power level		Discharge Sound Power Spectrum (dB): FWQ14AAF					
FWQ14AAF		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	48.2	53.8	47.2	52.8	42.2	47.8
125		49.4		48.4		43.4	
160		49.3		48.3		43.3	
200	250	49.6	54.3	48.6	53.3	43.6	48.3
250		49.8		48.8		43.8	
315		49.2		48.2		43.2	
400	500	48.3	51.9	47.3	50.9	42.3	45.9
500		46.8		45.8		40.8	
630		45.9		44.9		39.9	
800	1000	49.0	53.6	48.0	52.6	43.0	47.6
1000		49.5		48.5		43.5	
1250		47.9		46.9		41.9	
1600	2000	46.2	49.5	45.2	48.5	40.2	43.5
2000		44.3		43.3		38.3	
2500		43.1		42.1		37.1	
3150	4000	40.6	44.4	39.6	43.4	34.6	38.4
4000		39.5		38.5		33.5	
5000		38.3		37.3		32.3	
6300	8000	37.0	38.6	36.0	37.6	31.0	32.6
8000		32.9		31.9		26.9	
10000		24.6		23.6		18.6	
dB(A)		57.0		56.0		51.0	

Sound power level		19.7Inlet and Casing Sound Power Spectrum (dB): FWQ14AAF					
FWQ14AAF		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	51.2	56.8	50.2	55.8	45.2	50.8
125		52.4		51.4		46.4	
160		52.3		51.3		46.3	
200	250	52.6	57.3	51.6	56.3	46.6	51.3
250		52.8		51.8		46.8	
315		52.2		51.2		46.2	
400	500	51.3	54.9	50.3	53.9	45.3	48.9
500		49.8		48.8		43.8	
630		48.9		47.9		42.9	
800	1000	52.0	56.6	51.0	55.6	46.0	50.6
1000		52.5		51.5		46.5	
1250		50.9		49.9		44.9	
1600	2000	49.2	52.5	48.2	51.5	43.2	46.5
2000		47.3		46.3		41.3	
2500		46.1		45.1		40.1	
3150	4000	43.6	47.4	42.6	46.4	37.6	41.4
4000		42.5		41.5		36.5	
5000		41.3		40.3		35.3	
6300	8000	40.0	41.6	39.0	40.6	34.0	35.6
8000		35.9		34.9		29.9	
10000		27.6		26.6		21.6	
dB(A)		60.0		59.0		54.0	