

Sound power level		Whole Casing Sound Power Spectrum (dB): FWQ14AAT					
FWQ14AAT		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	54.2	59.8	53.2	58.8	48.2	53.8
125		55.4		54.4		49.4	
160		55.3		54.3		49.3	
200	250	55.6	60.3	54.6	59.3	49.6	54.3
250		55.8		54.8		49.8	
315		55.2		54.2		49.2	
400	500	54.3	57.9	53.3	56.9	48.3	51.9
500		52.8		51.8		46.8	
630		51.9		50.9		45.9	
800	1000	55.0	59.6	54.0	58.6	49.0	53.6
1000		55.5		54.5		49.5	
1250		53.9		52.9		47.9	
1600	2000	52.2	55.5	51.2	54.5	46.2	49.5
2000		50.3		49.3		44.3	
2500		49.1		48.1		43.1	
3150	4000	46.6	50.4	45.6	49.4	40.6	44.4
4000		45.5		44.5		39.5	
5000		44.3		43.3		38.3	
6300	8000	43.0	44.6	42.0	43.6	37.0	38.6
8000		38.9		37.9		32.9	
10000		30.6		29.6		24.6	
dB(A)		63.0		62.0		57.0	

Sound power level		Discharge Sound Power Spectrum (dB): FWQ14AAT					
FWQ14AAT		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	49.2	54.8	48.2	53.8	43.2	48.8
125		50.4		49.4		44.4	
160		50.3		49.3		44.3	
200	250	50.6	55.3	49.6	54.3	44.6	49.3
250		50.8		49.8		44.8	
315		50.2		49.2		44.2	
400	500	49.3	52.9	48.3	51.9	43.3	46.9
500		47.8		46.8		41.8	
630		46.9		45.9		40.9	
800	1000	50.0	54.6	49.0	53.6	44.0	48.6
1000		50.5		49.5		44.5	
1250		48.9		47.9		42.9	
1600	2000	47.2	50.5	46.2	49.5	41.2	44.5
2000		45.3		44.3		39.3	
2500		44.1		43.1		38.1	
3150	4000	41.6	45.4	40.6	44.4	35.6	39.4
4000		40.5		39.5		34.5	
5000		39.3		38.3		33.3	
6300	8000	38.0	39.6	37.0	38.6	32.0	33.6
8000		33.9		32.9		27.9	
10000		25.6		24.6		19.6	
dB(A)		58.0		57.0		52.0	

Sound power level		19.7Inlet and Casing Sound Power Spectrum (dB): FWQ14AAT					
FWQ14AAT		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	52.2	57.8	51.2	56.8	46.2	51.8
125		53.4		52.4		47.4	
160		53.3		52.3		47.3	
200	250	53.6	58.3	52.6	57.3	47.6	52.3
250		53.8		52.8		47.8	
315		53.2		52.2		47.2	
400	500	52.3	55.9	51.3	54.9	46.3	49.9
500		50.8		49.8		44.8	
630		49.9		48.9		43.9	
800	1000	53.0	57.6	52.0	56.6	47.0	51.6
1000		53.5		52.5		47.5	
1250		51.9		50.9		45.9	
1600	2000	50.5	53.5	49.2	52.5	44.2	47.5
2000		48.3		47.3		42.3	
2500		47.1		46.1		41.1	
3150	4000	44.6	48.4	43.6	47.4	38.6	42.4
4000		43.5		42.5		37.5	
5000		42.3		41.3		36.3	
6300	8000	41.0	42.6	40.0	41.6	35.0	36.6
8000		36.9		35.9		30.9	
10000		28.6		27.6		22.6	
dB(A)		61.0		60.0		55.0	