

Sound Power Level Spectra dB (ref 10⁻¹² Watts)

Unit Code	MID OCTAVE BANDS										dB(A) @ 3m
	63	125	250	500	1000	2000	4000	8000			
QP100B	Inlet	55	63	47	45	45	43	42	31	31	
	Outlet	49	63	53	55	50	47	45	40	36	
	Breakout	50	58	45	39	34	20	20	20	24	
QP125B	Inlet	51	58	49	42	39	37	33	20	27	
	Outlet	50	55	54	53	55	47	45	41	37	
	Breakout	47	51	45	35	31	20	20	20	20	
QP150B	Inlet	62	66	50	54	49	49	49	45	37	
	Outlet	56	66	62	61	62	64	62	62	49	
	Breakout	57	58	54	46	42	38	37	30	29	
QP160B	Inlet	62	66	50	54	49	49	49	45	37	
	Outlet	56	66	62	61	62	64	62	62	49	
	Breakout	57	58	54	46	42	38	37	30	29	
QP200B	Inlet	61	66	53	55	51	46	48	45	36	
	Outlet	57	67	63	63	66	64	63	62	50	
	Breakout	57	61	53	47	43	37	36	33	30	
QP250B	Inlet	68	63	59	56	50	46	45	41	37	
	Outlet	64	67	61	63	61	58	59	59	46	
	Breakout	64	65	59	53	48	43	40	34	35	
QP315B	Inlet	73	72	66	61	59	59	56	47	45	
	Outlet	72	74	71	69	70	69	67	61	55	
	Breakout	70	72	68	61	57	58	55	48	45	
QP400B	Inlet	74	74	68	62	61	61	58	51	47	
	Outlet	72	76	71	71	73	70	70	66	57	
	Breakout	77	75	69	64	59	59	56	47	47	
QP500B	Inlet	70	73	67	62	61	63	60	54	48	
	Outlet	60	70	69	70	71	70	67	61	55	
	Breakout	77	75	69	64	59	59	56	47	47	

Published dB(A) figures are free field sound levels at 3m with spherical propagation at a reference level of 2 x 10⁻⁵ Pa. The free field sound power level spectra figure are dB with reference of 10⁻¹² Watts.

To ensure minimum noise levels during speed control an auto transformer speed controller is recommended.