

## Sound Power Level Spectra dB (ref 10<sup>-12</sup> Watts)

Unit Code		MID OCTAVE BANDS								dBA @ 3m
		63	125	250	500	1000	2000	4000	8000	
SLP100	INLET	60	63	56	62	51	48	43	40	40
	OUTLET	61	65	57	58	56	54	50	43	41
	BREAKOUT	51	52	53	51	42	38	34	30	30
SLP125	INLET	55	59	58	64	53	49	42	39	42
	OUTLET	59	61	59	61	59	58	54	45	44
	BREAKOUT	52	54	54	52	43	38	34	30	31
SLP150	INLET	52	58	57	64	55	52	47	42	42
	OUTLET	58	60	60	63	60	59	55	47	45
	BREAKOUT	52	53	53	52	43	38	34	30	41
SLP200	INLET	65	68	72	64	56	51	52	47	45
	OUTLET	60	66	68	71	66	65	65	58	52
	BREAKOUT	58	65	65	59	48	43	38	35	39
SLP250	INLET	74	76	75	68	58	57	55	48	49
	OUTLET	62	72	74	73	72	69	68	59	56
	BREAKOUT	61	70	68	63	54	47	43	32	43
SLP315	INLET	71	75	74	70	70	66	63	58	54
	OUTLET	62	70	76	78	72	71	70	63	59
	BREAKOUT	61	69	70	64	58	52	46	37	45

Published dB(A) figures are free field sound levels at 3m with spherical propagation at a reference level of  $2 \times 10^{-5}$  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.