Sound Levels and Distance Chart

Resulting Sound Pressure Level at the Distance Listed

Manufacturer's Sound Power Rating (ARI-270)	3'	5'	10'	15'	20'	25'	30'	35'	40'	45'	50'	60'	70'	80'	90'	100'
64	56	52	46	43	40	38	37	35	34	33	32	31	29	28	27	26
66	58	54	48	**45**	42	40	39	37	36	35	34	33	31	30	29	28
68	60	56	50	47	44	42	41	39	38	37	36	35	33	32	31	30
70	62	58	52	49	46	44	43	41	40	39	38	37	35	34	33	32
72	64	**60**	54	51	48	46	**45**	43	42	41	40	39	37	36	35	34
74	66	62	56	53	50	48	47	**45**	44	43	42	41	39	38	37	36
76	68	64	58	**55**	52	50	49	47	46	**45**	44	43	41	40	39	38
78	70	66	**60**	57	54	52	51	49	48	47	46	**45**	43	42	41	40
80	72	68	62	59	56	54	53	51	50	49	48	47	**45**	44	43	42
82	74	**70**	64	61	58	56	**55**	53	52	51	50	49	47	46	**45**	44
84	76	72	66	63	**60**	58	57	**55**	54	53	52	51	49	48	47	46
86	78	74	68	65	62	**60**	59	57	56	**55**	54	53	51	50	49	48
88	80	76	**70**	67	64	62	61	59	58	57	56	**55**	53	52	51	50
90	82	78	72	69	66	64	63	61	**60**	59	58	57	**55**	54	53	52
92	84	80	74	71	68	66	65	63	62	61	**60**	59	57	56	**55**	54
94	86	82	76	73	**70**	68	67	65	64	63	62	61	59	58	57	56
96	88	84	78	75	72	**70**	69	67	66	65	64	63	61	**60**	59	58
98	90	86	80	77	74	72	71	69	68	67	66	65	63	62	61	**60**
100	92	88	82	79	76	74	73	71	**70**	69	68	67	65	64	63	62

71 - 92 dB Exceeds industrial zone allowed noise levels

61 - 70 dB Exceeds commercial zone allowed noise levels

56 - 60 dB Exceeds residential zone allowed noise levels (daytime)

46 - 55 dB Exceeds residential zone allowed noise levels (nighttime)