

Table 41: QST - ARI Certified Ratings

Sound Power Levels (dB re: 10⁻¹² watts)

Unit Size	CFM	Min ΔPs ¹	Watts	Radiated Lw												Discharge Lw					
				Fan Only						Fan + Primary @ 1.5" Inlet Ps						Fan Only					
				Sound Power Levels, dB						Sound Power Levels, dB						Sound Power Levels, dB					
				Octave Band						Octave Band						Octave Band					
2	3	4	5	6	7	2	3	4	5	6	7	2	3	4	5	6	7				
1706	400	0.21	150	63	58	49	41	35	31	66	63	54	47	46	43	69	63	59	59	55	53
1707	550	0.18	210	67	63	52	45	39	34	71	66	57	53	51	49	73	68	63	63	60	59
1708	650	0.14	240	69	66	54	47	41	36	73	68	57	51	50	49	76	71	65	66	63	62
2508	700	0.16	300	57	58	48	43	35	31	66	62	53	48	46	45	62	63	59	58	56	56
2509	900	0.20	410	60	60	51	48	39	36	71	67	56	53	51	47	66	66	63	63	61	59
2510	1100	0.20	500	64	63	54	50	43	40	73	69	58	54	52	50	69	70	66	66	65	64
5010	1100	0.14	530	65	61	54	50	42	39	72	66	59	53	50	50	67	68	63	65	63	62
5012	1600	0.20	800	70	67	60	56	50	47	75	71	64	58	54	52	74	74	69	72	71	70
5014	1800	0.23	900	72	69	61	57	52	50	76	74	65	59	54	52	76	77	71	74	73	74
7512	1600	0.16	650	66	61	56	53	45	40	70	65	58	53	51	49	71	70	64	67	66	64
7514	2100	0.24	930	72	66	60	57	50	47	75	68	63	58	53	50	76	75	69	72	72	71
1012	1600	0.17	780	70	62	56	51	44	40	72	67	60	54	52	50	69	68	63	65	64	62
1014	2100	0.24	980	73	67	60	56	50	46	75	69	62	57	53	51	74	74	68	71	70	70
1016	2600	0.34	1240	77	72	64	60	55	51	78	72	66	61	56	53	79	80	73	76	75	76

Notes:

1. Min. ΔPs is the static pressure drop through the primary air valve at which a given airflow can be maintained with the damper set in full open position.
2. All data represents conditions @ 0.25 inches w.g. downstream static pressure.
3. All sound data is measured in accordance with industry Standard ARI - 880.

Table 42: EST - ARI Certified Ratings

Sound Power Levels (dB re: 10⁻¹² watts)

Unit Size	CFM	Min ΔPs ¹	Watts	Radiated Lw												Discharge Lw					
				Fan Only						Fan + Primary @ 1.5" Inlet Ps						Fan Only					
				Sound Power Levels, dB						Sound Power Levels, dB						Sound Power Levels, dB					
				Octave Band						Octave Band						Octave Band					
2	3	4	5	6	7	2	3	4	5	6	7	2	3	4	5	6	7				
3308	700	0.16	120	57	58	48	43	35	31	66	62	53	48	46	45	62	63	59	58	56	56
3309	900	0.20	200	60	60	51	48	39	36	71	67	56	53	51	47	66	66	63	63	61	59
3310	1100	0.20	310	64	63	54	50	43	40	73	69	58	54	52	50	69	70	66	66	65	64
5010	1100	0.14	220	65	61	54	50	42	39	72	66	59	53	50	50	67	68	63	65	63	62
5012	1300	0.15	320	67	62	56	52	45	42	70	69	62	56	51	50	69	70	66	67	66	64
5014	1600	0.20	550	70	66	60	56	50	47	75	72	64	57	53	51	74	74	69	72	71	70
7512	1600	0.16	350	66	61	56	53	45	40	70	65	58	53	51	49	71	70	64	67	66	64
7514	2000	0.23	700	71	65	59	56	49	46	74	68	62	58	53	50	74	74	68	71	71	70
1012	1600	0.17	300	70	62	56	51	44	40	72	67	60	54	52	50	69	68	63	65	64	62
1014	2100	0.24	600	73	67	60	56	50	46	75	69	62	57	53	51	74	74	68	71	70	70
1016	2400	0.30	900	75	70	63	59	53	49	76	71	65	59	54	52	78	77	71	74	73	74

Notes:

1. Min. ΔPs is the static pressure drop through the primary air valve at which a given airflow can be maintained with the damper set in full open position.
2. All data represents conditions @ 0.25 inches w.g. downstream static pressure.
3. All sound data is measured in accordance with industry Standard ARI - 880.

