

**Table 41: QST - AHRI Certified Ratings**

Sound Power Levels (dB re: 10<sup>-12</sup> watts)

Unit Size	CFM	Min ΔPs <sup>1</sup>	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	.21	150	73	75	49	45	38	31	66	71	54	47	46	43	76	75	60	59	55	53
1707	550	.18	210	78	81	52	50	43	34	71	75	57	53	51	49	80	81	64	63	60	59
1708	650	.14	240	80	85	54	52	45	36	73	77	57	51	50	49	83	84	66	66	63	62
2508	700	.16	300	66	75	48	47	38	31	66	70	53	48	46	45	69	75	60	58	56	56
2509	900	.20	410	70	77	51	53	43	36	71	76	56	53	51	47	73	79	64	63	61	59
2510	1100	.20	500	74	81	54	55	47	40	73	78	58	54	52	50	76	83	67	66	65	64
5010	1100	.14	530	75	79	54	55	46	39	72	75	59	53	50	50	73	80	64	65	63	62
5012	1600	.20	800	81	86	60	62	55	47	75	80	64	58	54	52	80	87	70	72	71	70
5014	1800	.23	900	84	89	61	63	57	50	76	84	65	59	54	52	82	90	72	74	73	74
7512	1600	.16	650	77	79	56	58	49	40	70	73	58	53	51	49	75	81	64	67	66	64
7514	2100	.24	930	84	85	60	63	55	47	75	77	63	58	53	50	80	87	69	72	72	71
1012	1600	.17	780	81	80	56	56	48	40	72	76	60	54	52	50	73	79	63	65	64	62
1014	2100	.24	980	85	86	60	62	55	46	75	78	62	57	53	51	78	86	68	71	70	70
1016	2600	.34	1240	89	93	64	66	60	51	78	81	66	61	56	53	83	92	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 AHRI - 880.
4. Discharge Lw includes end reflection loss per AHRI requirement

**Table 42: EST - AHRI Certified Ratings**

Sound Power Levels (dB re: 10<sup>-12</sup> watts)

Unit Size	CFM	Min ΔPs <sup>1</sup>	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	69	66	60	58	56	56
3309	900	0.20	200	60	60	51	48	39	36	71	67	56	53	51	47	73	69	64	63	61	59
3310	1100	0.20	310	64	63	54	50	43	40	73	69	58	54	52	50	76	73	67	66	65	64
5010	1100	0.14	220	65	61	54	50	42	39	72	66	59	53	50	50	73	70	64	65	63	62
5012	1300	0.15	320	67	62	56	52	45	42	70	69	62	56	51	50	75	72	67	67	66	64
5014	1600	0.20	550	70	66	60	56	50	47	75	72	64	57	53	51	80	76	70	72	71	70
7512	1600	0.16	350	66	61	56	53	45	40	70	65	58	53	51	49	75	71	64	67	66	64
7514	2000	0.23	700	71	65	59	56	49	46	74	68	62	58	53	50	78	75	68	71	71	70
1012	1600	0.17	300	70	62	56	51	44	40	72	67	60	54	52	50	73	69	63	65	64	62
1014	2100	0.24	600	73	67	60	56	50	46	75	69	62	57	53	51	78	75	68	71	70	70
1016	2400	0.30	900	75	70	63	59	53	49	76	71	65	59	54	52	82	78	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 AHRI - 880.
4. Discharge Lw includes end reflection loss per AHRI requirement

