

Performance Data

AHRI Certification Rating Points

Table 1 - Discharge

Unit Size	(2)	(3)	(4)	(5)					
	Fan CFM	Input Watts	Min. Δ Ps Inlet	Fan Only					
				2	3	4	5	6	7
1006	400	65	0.17	66	60	59	58	55	50
2008	1000	315	0.12	77	71	67	67	65	63
3008	1000	315	0.12	77	71	67	67	65	63
50 14x8	1500	350	0.30	70	66	66	65	62	60

Table 2 - Radiated

Unit Size	(1)	(2)	(3)	(4)	(5)						(6)					
	Primary CFM	Fan CFM	Input Watts	Min. Δ Ps Inlet	Fan Only						1.5" Inlet Static w.g.					
					2	3	4	5	6	7	2	3	4	5	6	7
1006	400	400	65	0.17	57	50	48	45	34	25	65	59	53	48	39	31
2008	700	1000	315	0.12	69	60	57	57	49	41	69	63	59	57	50	41
3008	700	1000	315	0.12	69	60	57	57	49	41	69	63	59	57	50	41
50 14x8	1400	1500	350	0.30	64	59	57	55	44	34	71	67	64	61	52	48

ARI Certification Notes:

1. Primary CFM is the standard rated air volume for the inlet.
2. Fan CFM is the maximum rated fan volume at 0.25" w.g. downstream static pressure.
3. Input watts is the maximum electrical power input at the maximum rated fan volume.
4. Minimum operating pressure inlet is the minimum operating pressure requirement of the primary air valve at the rated primary CFM.
5. Fan only sound power levels are at the maximum rated fan volume.
6. Power levels at the maximum rated fan volume and rated primary CFM at 1.5" w.g. inlet static.

Performance Data

Discharge Sound Power Levels - FDCLP2

Unit Size	Inlet Size Inch	Primary Airflow		Fan Airflow		Sound Power Levels, Lw, dB re 10 ⁻¹² Watts																	
						Fan Only Octave Band						187 Pa (0.75" w.g.) Octave Band						375 Pa (1.5" w.g.) Octave Band					
		L/s	cfm	L/s	cfm	2	3	4	5	6	7	2	3	4	5	6	7	2	3	4	5	6	7
10	6	71	150	71	150	59	53	53	49	46	36	59	51	52	49	45	36	60	52	52	49	45	36
		94	200	94	200	60	54	54	50	47	38	61	53	53	50	46	38	62	54	53	50	46	38
		142	300	142	300	61	56	55	53	49	43	64	55	54	52	47	41	66	56	55	52	48	41
		189	400	189	400	66	60	59	58	55	50	69	59	59	57	53	48	71	61	59	57	53	49
		236	500	236	500	70	64	62	62	59	56	72	63	63	60	57	54	74	64	63	61	57	54
20	8	94	200	94	200	48	40	44	39	33	26	52	43	43	39	32	28	53	44	44	39	32	28
		153	325	153	325	57	49	51	48	43	37	59	52	51	47	42	39	60	53	51	48	42	39
		236	500	236	500	65	57	57	55	51	47	65	59	58	55	51	48	66	60	58	55	51	49
		330	700	330	700	71	64	62	61	58	55	70	65	63	61	58	56	71	66	63	61	58	56
		330	700	472	1000	77	71	67	67	65	63	75	71	67	66	64	63	76	71	68	67	64	63
30	8	189	400	260	550	66	59	59	57	53	49	66	60	58	56	52	50	67	61	59	56	52	50
		212	450	307	650	69	62	61	60	57	53	68	63	61	59	55	53	70	64	61	59	55	54
		248	525	354	750	72	65	63	62	60	56	71	66	63	61	58	56	72	66	63	62	58	57
		283	600	401	850	74	68	65	65	62	59	72	68	65	64	61	59	73	69	65	64	61	60
		330	700	472	1000	77	71	67	67	65	63	75	71	67	66	64	63	76	71	68	67	64	63
50	14x8	437	925	484	1025	62	58	60	58	54	51	66	60	59	57	54	51	69	62	59	57	54	51
		496	1050	543	1150	65	60	62	60	56	53	68	62	61	59	56	54	70	64	61	59	56	54
		543	1150	590	1250	66	62	63	62	58	55	69	64	62	60	58	56	72	65	62	60	58	56
		590	1250	637	1350	68	64	65	63	60	57	71	65	64	61	60	57	73	67	64	61	60	57
		661	1400	708	1500	70	66	66	65	62	60	72	67	65	63	62	60	75	69	65	63	62	60

Radiated Sound Power Levels - FDCLP2

Unit Size	Inlet Size Inch	Primary Airflow		Fan Airflow		Sound Power Levels, Lw, dB re 10 ⁻¹² Watts																	
						Fan Only Octave Band						187 Pa (0.75" w.g.) Octave Band						375 Pa (1.5" w.g.) Octave Band					
		L/s	cfm	L/s	cfm	2	3	4	5	6	7	2	3	4	5	6	7	2	3	4	5	6	7
10	6	71	150	71	150	48	44	40	35	26	17	53	46	42	38	29	25	55	48	45	40	32	29
		94	200	94	200	49	45	41	37	27	17	56	49	45	40	31	26	58	51	47	43	34	30
		142	300	142	300	51	46	44	40	29	20	59	53	48	43	33	27	61	55	51	46	37	31
		189	400	189	400	57	50	48	45	34	25	62	56	51	47	37	28	65	59	53	48	39	31
		236	500	236	500	61	54	51	48	38	29	65	59	55	50	41	32	68	62	57	52	43	35
20	8	94	200	94	200	47	44	39	36	24	17	44	38	36	30	19	17	46	40	37	31	21	17
		153	325	153	325	54	49	44	42	31	17	52	46	43	38	28	22	54	48	44	39	30	25
		236	500	236	500	59	53	49	48	38	25	59	53	49	46	36	29	61	55	50	47	38	32
		330	700	330	700	64	57	53	52	43	33	64	59	54	51	43	34	66	61	55	52	45	37
		330	700	472	1000	69	60	57	57	49	41	67	61	57	56	48	38	69	63	59	57	50	41
30	8	189	400	260	550	61	54	51	49	39	27	58	52	49	46	37	29	60	54	50	47	39	31
		212	450	307	650	63	56	52	51	42	31	60	54	51	49	40	31	62	56	52	50	42	34
		248	525	354	750	65	57	54	53	44	35	62	56	53	52	43	33	64	59	55	52	44	36
		283	600	401	850	66	59	56	55	46	37	64	59	55	54	45	35	66	61	56	55	47	38
		330	700	472	1000	69	60	57	57	49	41	67	61	57	56	48	38	69	63	59	57	50	41
50	14x8	437	925	484	1025	56	53	52	48	36	28	62	58	57	53	44	37	66	63	61	56	49	45
		496	1050	543	1150	59	55	54	50	38	30	64	60	58	54	45	38	68	64	62	58	50	46
		543	1150	590	1250	60	56	55	52	40	31	65	61	59	55	45	39	69	65	63	59	50	46
		590	1250	637	1350	62	58	56	53	42	32	66	62	60	56	46	39	70	66	63	60	51	47
		661	1400	708	1500	64	59	57	55	44	34	68	63	61	58	47	40	71	67	64	61	52	48

Performance Notes:

1. Test data obtained in accordance with AHRI Standard 880-2011 and ASHRAE Standard 130-2008.
2. Sound Power Levels expressed in decibels (dB) re 10⁻¹² watts
3. Data is raw without any corrections for Room Absorption, duct attenuation, or ceiling transmission loss.
4. Fan external static pressure is 63 Pa (0.25" W.G.) in all cases.

Performance Data

Discharge Sound Power Levels - FDCLP2 with Sensible Cooling Coil (DOAS)

Unit Size	Inlet Size Inch	Primary Airflow		Fan Airflow		Sound Power Levels, Lw, dB re 10 ⁻¹² Watts																	
						Fan Only Octave Band						187 Pa (0.75" w.g.) Octave Band						375 Pa (1.5" w.g.) Octave Band					
						L/s	cfm	L/s	cfm	2	3	4	5	6	7	2	3	4	5	6	7	2	3
10	6	71	150	94	200	53	51	49	46	42	33	57	52	51	48	45	35	58	52	51	48	45	36
		106	225	153	325	62	57	56	54	51	45	64	58	57	55	51	45	65	59	57	55	52	46
		142	300	212	450	68	62	61	60	57	53	69	63	61	59	56	52	70	63	62	59	56	52
		177	375	271	575	73	66	64	64	61	59	73	66	65	62	59	57	74	67	65	63	59	57
		212	450	319	675	76	68	67	67	64	63	76	68	67	65	61	60	77	69	67	65	61	61
20	8	71	150	94	200	48	40	44	39	33	26	51	43	43	38	31	27	52	43	43	38	31	28
		130	275	153	325	57	49	51	48	43	37	59	51	51	47	41	38	60	52	51	47	42	39
		212	450	212	450	63	55	56	53	49	45	64	58	56	53	49	46	65	58	56	53	49	46
		236	500	271	575	67	60	59	58	54	50	67	62	59	57	53	51	68	62	60	57	54	51
		271	575	330	700	71	64	62	61	58	55	70	65	62	61	57	55	71	66	63	61	57	56
30	8	85	180	142	300	56	48	50	46	41	36	57	49	49	45	39	36	58	50	49	45	39	36
		127	270	212	450	63	55	56	53	49	45	63	56	55	52	47	45	64	57	55	52	47	45
		170	360	283	600	68	61	60	58	55	51	67	61	59	57	53	51	68	62	60	57	53	51
		212	450	354	750	72	65	63	62	60	56	70	65	63	61	58	56	71	66	63	61	58	56
		255	540	425	900	75	69	66	66	63	61	73	69	66	64	61	60	74	69	66	64	62	60
40	8	142	300	236	500	64	59	56	53	48	42	60	55	54	52	48	43	61	56	54	53	49	43
		198	420	330	700	67	62	60	57	53	48	65	60	59	58	54	50	67	61	60	58	55	51
		283	600	472	1000	70	66	64	61	58	55	71	66	64	64	60	58	72	67	65	64	61	59
		368	780	614	1300	72	69	66	65	62	59	75	70	68	68	65	63	76	71	69	69	66	64
		425	900	708	1500	74	71	68	66	64	62	77	72	71	71	68	67	79	73	71	71	68	67
50	14x8	437	925	484	1025	62	58	60	58	54	51	66	60	59	57	54	51	69	62	59	57	54	51
		496	1050	543	1150	65	60	62	60	56	53	68	62	61	59	56	54	70	64	61	59	56	54
		543	1150	590	1250	66	62	63	62	58	55	69	64	62	60	58	56	72	65	62	60	58	56
		590	1250	637	1350	68	64	65	63	60	57	71	65	64	61	60	57	73	67	64	61	60	57
		661	1400	708	1500	70	66	66	65	62	60	72	67	65	63	62	60	75	69	65	63	62	60

Radiated Sound Power Levels - FDCLP2 with Sensible Cooling Coil (DOAS)

Unit Size	Inlet Size Inch	Primary Airflow		Fan Airflow		Sound Power Levels, Lw, dB re 10 ⁻¹² Watts																	
						Fan Only Octave Band						187 Pa (0.75" w.g.) Octave Band						375 Pa (1.5" w.g.) Octave Band					
						L/s	cfm	L/s	cfm	2	3	4	5	6	7	2	3	4	5	6	7	2	3
10	6	71	150	94	200	45	45	46	40	32	18	46	48	46	40	31	20	48	49	47	40	31	21
		106	225	153	325	54	51	51	47	39	27	55	54	52	47	39	28	57	56	53	48	39	29
		142	300	212	450	59	56	55	52	44	34	61	58	57	52	44	34	63	60	57	52	45	35
		177	375	271	575	64	59	58	56	48	39	66	62	60	56	48	39	68	63	60	56	49	39
		212	450	319	675	66	61	60	58	51	42	69	64	62	58	51	41	71	66	62	59	51	42
20	8	71	150	94	200	55	50	51	45	33	20	50	47	48	41	30	18	50	48	48	41	30	19
		130	275	153	325	57	52	53	49	39	27	56	52	52	48	37	26	56	52	52	48	38	27
		212	450	212	450	59	54	55	52	43	31	59	55	55	52	42	31	60	56	55	52	43	32
		236	500	271	575	61	55	56	55	45	35	62	57	57	55	46	35	62	58	58	55	47	36
		271	575	330	700	62	56	57	56	48	38	64	59	59	57	49	39	65	60	59	57	50	39
30	8	85	180	142	300	57	52	53	49	38	26	55	51	52	47	36	25	55	52	52	47	36	25
		127	270	212	450	59	54	55	52	43	31	59	55	55	52	42	31	60	55	55	52	43	32
		170	360	283	600	61	55	56	55	46	36	62	58	58	55	47	36	63	58	58	55	47	37
		212	450	354	750	62	56	57	57	49	39	65	60	60	58	50	40	65	60	60	58	51	40
		255	540	425	900	63	57	58	59	51	41	67	61	61	61	53	43	67	62	61	61	53	43
40	8	142	300	236	500	57	52	49	46	40	29	57	53	49	47	40	33	58	54	50	48	41	35
		198	420	330	700	60	56	53	50	45	35	60	56	53	51	45	38	61	57	54	51	46	40
		283	600	472	1000	64	59	56	54	50	41	64	60	57	54	50	42	65	60	58	55	51	45
		368	780	614	1300	66	62	59	57	54	46	67	62	60	57	54	46	67	63	61	58	55	48
		425	900	708	1500	68	64	61	59	56	48	68	63	61	58	56	48	69	64	62	59	57	50
50	14x8	437	925	484	1025	54	52	55	52	40	32	66	63	65	60	51	44	67	65	66	62	54	49
		496	1050	543	1150	56	54	57	54	43	34	68	65	66	62	53	46	69	67	68	64	56	50
		543	1150	590	1250	58	55	58	56	44	35	69	66	67	63	54	47	71	68	69	65	57	51
		590	1250	637	1350	59	56	59	57	46	36	71	67	68	64	55	48	72	69	69	66	58	52
		661	1400	708	1500	62	58	60	59	48	38	73	69	69	66	57	49	74	70	71	68	59	53

Performance Notes:

1. Test data obtained in accordance with AHRI Standard 880-2011 and ASHRAE Standard 130-2008.
2. Sound Power Levels expressed in decibels (dB) re 10⁻¹² watts
3. Data is raw without any corrections for Room Absorption, duct attenuation, or ceiling transmission loss.
4. Fan external static pressure is 63 Pa (0.25" W.G.) in all cases.