

PERFORMANCE DATA

FDC - AHRI Certification Rating Points

Discharge Sound Power Levels

Unit Size	Fan ² (cfm)	Input ³ (W)	Min. Δ Ps Inlet ⁴ (in. w.g.)	Discharge Sound Power Level (db)					
				Fan Only ⁵					
				Octave Band					
				2	3	4	5	6	7
1008	700	155	0.21	74	70	68	67	64	61
2010	1100	200	0.11	71	68	65	64	60	59
3012	1500	425	0.1	79	76	72	71	68	68
4014	1800	580	0.07	81	78	73	74	71	71
5014	2100	600	0.1	81	74	71	72	69	68
6014	2800	580	0.08	75	72	71	70	68	67

Radiated Sound Power Levels

Unit Size	Primary ¹ cfm	Fan ² cfm	Input ³ (W)	Min. Δ Ps Inlet ⁴ (in. w.g.)	Radiated Sound Power Level (dB)											
					Fan Only ⁵						1.5 in. Inlet Static w.g.					
					Octave Band						Octave Band					
					2	3	4	5	6	7	2	3	4	5	6	7
1008	700	700	155	0.21	63	57	50	45	42	37	69	62	55	51	54	55
2010	1100	1100	200	0.11	64	57	49	43	39	36	68	62	55	51	54	56
3012	1500	1500	425	0.1	70	63	55	49	46	43	71	66	58	53	56	58
4014	1800	1800	580	0.07	73	68	58	55	50	47	75	70	60	55	54	54
5014	2100	2100	600	0.1	73	66	58	52	49	46	72	67	59	56	59	60
6014	2800	2800	580	0.08	74	69	60	52	50	50	80	76	66	59	58	57

AHRI 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. Sound power levels include duct end corrections per AHRI Standard 880-2017. Please refer to the Engineering Guide for more details.

PERFORMANCE DATA

FDC with Inlet Attenuator (IAS) - AHRI Certification Rating Points

Discharge Sound Power Level

Unit Size	Fan ² cfm	Input ³ (W)	Min. Δ Ps Inlet ⁴ (in. w.g.)	Discharge Sound Power Level (dB)				
				Fan Only ⁵				
				Octave Band				
				2	3	4	5	6
1008	700	180	0.21	74	72	68	70	65
2010	1100	230	0.11	71	68	65	63	60
3012	1500	460	0.1	78	75	71	72	67
4014	1800	580	0.07	81	79	75	75	72
5014	2100	600	0.1	80	74	71	71	69
6014	2800	580	0.08	73	72	72	70	68

Radiated Sound Power Level

Unit Size	Primary ¹ (cfm)	Fan ² cfm	Input ³ (W)	Min. Δ Ps Inlet ⁴ (in. w.g.)	Radiated Sound Power Level (dB)											
					Fan Only ⁵						1.5 in Inlet Static w.g.					
					Octave Band						Octave Band					
					2	3	4	5	6	7	2	3	4	5	6	7
1008	700	700	155	0.21	64	58	50	46	40	34	67	61	51	44	42	42
2010	1100	1100	200	0.11	62	55	47	42	37	32	67	60	50	42	41	41
3012	1500	1500	425	0.1	69	62	52	48	45	41	70	64	53	47	45	44
4014	1800	1800	580	0.07	72	65	56	50	47	44	74	68	57	51	49	46
5014	2100	2100	600	0.1	72	63	54	48	44	40	72	64	55	49	47	46
6014	2800	2800	580	0.08	72	66	55	47	43	41	80	73	61	53	51	49

AHRI 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. Sound power levels include duct end corrections per AHRI Standard 880-2017. Please refer to the Engineering Guide for more details.

