

AHRI Approved Standard Ratings

Octave band sound power ratings

High static ceiling models

Unit size	Motor speed	CFM	Octave bands							
			2	3	4	5	6	7	8	
			Center frequency (Hz)							
			125	250	500	1000	2000	4000	8000	
02	High	330	68.8	61.8	56.8	55.8	52.8	49.8	44.8	
	Medium	299	67.0	60.0	55.0	54.0	51.0	48.0	43.0	
	Low	269	65.1	58.1	53.1	52.1	49.1	46.1	41.1	
03	High	401	68.4	61.4	56.4	55.4	52.4	49.4	44.4	
	Medium	328	64.8	57.8	52.8	51.8	48.8	45.8	40.8	
	Low	288	62.6	55.6	50.6	49.6	46.6	43.6	38.6	
04	High	524	70.9	63.9	58.9	57.9	54.9	51.9	46.9	
	Medium	408	66.5	59.5	54.5	53.5	50.5	47.5	42.5	
	Low	323	62.7	55.7	50.7	49.7	46.7	43.7	38.7	
06	High	659	70.4	63.4	58.4	57.4	54.4	51.4	46.4	
	Medium	513	66.2	59.2	54.2	53.2	50.2	47.2	42.2	
	Low	398	62.2	55.2	50.2	49.2	46.2	43.2	38.2	
08	High	896	73.8	66.8	61.8	60.8	57.8	54.8	49.8	
	Medium	727	70.5	63.5	58.5	57.5	54.5	51.5	46.5	
	Low	600	67.6	60.6	55.6	54.6	51.6	48.6	43.6	
10	High	1077	75.0	68.0	63.0	62.0	59.0	56.0	51.0	
	Medium	897	72.1	65.1	60.1	59.1	56.1	53.1	48.1	
	Low	717	68.6	61.6	56.6	55.6	52.6	49.6	44.6	
12	High	1172	74.4	67.4	62.4	61.4	58.4	55.4	50.4	
	Medium	926	70.8	63.8	58.8	57.8	54.8	51.8	46.8	
	Low	721	67.0	60.0	55.0	54.0	51.0	48.0	43.0	

Notes:

- The method used in conducting this test was based on the AHRI Standard 350-2008 "Sound Rating of Non-Ducted Indoor Air-Conditioning Equipment".
- High static PSC and EC motor(s)
- Model FC

High static ceiling models, ducted

Unit size	Motor speed	CFM	Octave bands							
			2	3	4	5	6	7	8	
			Center frequency (Hz)							
			125	250	500	1000	2000	4000	8000	
02	High	331	68.8	61.8	56.8	55.8	52.8	49.8	44.8	
	Medium	295	67.2	60.2	55.2	54.2	51.2	48.2	43.2	
	Low	262	65.7	58.7	53.7	52.7	49.7	46.7	41.7	
03	High	396	68.6	61.6	56.6	55.6	52.6	49.6	44.6	
	Medium	313	65.7	58.7	53.7	52.7	49.7	46.7	41.7	
	Low	270	64.0	57.0	52.0	51.0	48.0	45.0	40.0	
04	High	520	71.0	64.0	59.0	58.0	55.0	52.0	47.0	
	Medium	387	67.2	60.2	55.2	54.2	51.2	48.2	43.2	
	Low	292	64.2	57.2	52.2	51.2	48.2	45.2	40.2	
06	High	641	70.7	63.7	58.7	57.7	54.7	51.7	46.7	
	Medium	480	67.3	60.3	55.3	54.3	51.3	48.3	43.3	
	Low	353	64.2	57.2	52.2	51.2	48.2	45.2	40.2	
08	High	904	73.8	66.8	61.8	60.8	57.8	54.8	49.8	
	Medium	697	70.9	63.9	58.9	57.9	54.9	51.9	46.9	
	Low	551	68.4	61.4	56.4	55.4	52.4	49.4	44.4	
10	High	1095	74.9	67.9	62.9	61.9	58.9	55.9	50.9	
	Medium	874	72.3	65.3	60.3	59.3	56.3	53.3	48.3	
	Low	671	69.5	62.5	57.5	56.5	53.5	50.5	45.5	
12	High	1167	74.5	67.5	62.5	61.5	58.5	55.5	50.5	
	Medium	875	71.3	64.3	59.3	58.3	55.3	52.3	47.3	
	Low	647	68.2	61.2	56.2	55.2	52.2	49.2	44.2	

Notes:

- The method used in conducting this test was based on the AHRI Standard 260-2008 "Sound Rating of Ducted Indoor Air Moving and Conditioning Equipment".
- High static PSC and EC motor(s)
- Models FFRC, FCHP, FCH and FTHP