

AHRI Approved Standard Ratings

Octave band sound power ratings

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	160	47.5	53.0	45.0	42.4	36.0	24.9	22.4	
	Medium	140	42.5	49.9	41.5	37.9	29.5	21.7	19.8	
	Low	100	37.2	44.3	36.0	30.9	23.6	18.8	19.2	
03	High	225	53.4	58.3	50.5	47.9	42.0	32.7	26.6	
	Medium	160	44.3	49.5	41.6	37.6	27.4	19.8	20.2	
	Low	130	38.8	43.3	35.5	29.9	22.4	19.2	19.4	
04	High	375	54.7	60.1	52.5	49.6	42.0	35.8	31.0	
	Medium	290	48.9	53.9	46.8	42.9	33.5	25.0	20.6	
	Low	210	42.4	44.3	36.1	28.8	21.7	18.6	18.3	
06	High	570	60.6	67.5	60.0	57.8	51.4	45.1	40.5	
	Medium	325	49.8	54.5	47.5	42.4	33.6	23.4	23.9	
	Low	240	39.8	45.6	38.4	31.2	21.6	19.1	20.6	
08	High	750	61.8	69.9	63.9	61.5	54.2	47.5	40.4	
	Medium	570	54.8	65.4	58.3	54.8	46.8	37.0	29.1	
	Low	300	41.4	49.5	41.7	35.9	29.5	19.0	18.3	
10	High	810	60.1	64.8	59.5	54.2	46.4	38.7	34.5	
	Medium	600	54.3	58.0	53.5	47.8	38.7	30.5	27.5	
	Low	400	50.4	53.1	46.0	39.5	29.1	23.3	24.1	
12	High	1050	60.9	67.3	61.7	59.9	52.2	44.8	39.9	
	Medium	620	52.3	59.2	52.0	48.4	39.6	30.7	28.3	
	Low	440	43.4	50.2	41.9	37.4	28.2	21.1	23.1	

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" and was conducted by an independent third party.
- Standard PSC and EC motor(s)
- Model FC

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	160	46.5	50.0	46.6	41.9	34.9	22.4	20.1	
	Medium	140	41.8	46.6	43.5	37.6	28.7	21.7	19.9	
	Low	100	36.7	42.7	37.9	30.3	20.3	20.1	19.7	
03	High	225	52.9	56.7	52.9	48.1	42.4	31.7	25.0	
	Medium	160	44.6	47.8	43.7	37.9	28.3	24.3	20.1	
	Low	130	39.6	42.7	37.7	30.3	23.6	22.1	20.0	
04	High	375	59.3	62.2	59.6	55.5	49.8	41.7	34.3	
	Medium	290	54.7	57.6	54.8	50.4	43.2	32.3	25.9	
	Low	210	49.7	49.0	45.2	37.6	29.0	24.4	20.8	
06	High	570	58.3	63.2	61.0	56.7	49.8	40.9	36.0	
	Medium	325	48.6	50.9	48.7	42.1	33.2	22.4	21.5	
	Low	240	40.1	42.8	39.8	31.7	22.2	20.9	19.6	
08	High	750	62.8	65.1	63.2	57.6	51.8	43.4	37.6	
	Medium	570	57.9	60.4	57.8	51.7	44.3	33.8	27.4	
	Low	300	48.3	44.1	40.8	32.8	26.5	20.7	20.5	
10	High	810	58.4	60.3	59.6	53.5	47.0	36.8	32.4	
	Medium	600	52.9	53.2	53.2	46.7	39.6	28.9	25.2	
	Low	400	51.2	46.6	45.1	37.6	31.3	21.8	20.4	
12	High	1050	61.0	65.1	62.3	57.6	50.6	40.9	36.1	
	Medium	620	52.4	56.5	53.1	46.7	38.5	28.2	25.3	
	Low	440	44.5	46.9	42.6	35.2	26.6	22.0	20.7	

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" and was conducted by an independent third party.
- Models FFRC, FCHP, FCH