

## 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	230	60.7	53.7	48.7	47.7	44.7	41.7	36.7	
	Medium	190	57.1	50.1	45.1	44.1	41.1	38.1	33.1	
	Low	130	50.9	43.9	38.9	37.9	34.9	31.9	26.9	
03	High	295	61.0	54.0	49.0	48.0	45.0	42.0	37.0	
	Medium	210	55.1	48.1	43.1	42.1	39.1	36.1	31.1	
	Low	150	49.6	42.6	37.6	36.6	33.6	30.6	25.6	
04	High	350	61.9	54.9	49.9	48.9	45.9	42.9	37.9	
	Medium	270	57.7	50.7	45.7	44.7	41.7	38.7	33.7	
	Low	180	52.1	45.1	40.1	39.1	36.1	33.1	28.1	
06	High	550	65.4	58.4	53.4	52.4	49.4	46.4	41.4	
	Medium	410	60.7	53.7	48.7	47.7	44.7	41.7	36.7	
	Low	320	56.3	49.3	44.3	43.3	40.3	37.3	32.3	
08	High	720	68.7	61.7	56.7	55.7	52.7	49.7	44.7	
	Medium	570	64.6	57.6	52.6	51.6	48.6	45.6	40.6	
	Low	400	59.4	52.4	47.4	46.4	43.4	40.4	35.4	
10	High	890	69.6	62.6	57.6	56.6	53.6	50.6	45.6	
	Medium	700	66.4	59.4	54.4	53.4	50.4	47.4	42.4	
	Low	410	56.9	49.9	44.9	43.9	40.9	37.9	32.9	
12	High	1075	70.2	63.2	58.2	57.2	54.2	51.2	46.2	
	Medium	750	65.6	58.6	53.6	52.6	49.6	46.6	41.6	
	Low	550	61.3	54.3	49.3	48.3	45.3	42.3	37.3	

#### 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".
- 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	230	58.6	51.6	46.6	45.6	42.6	39.6	34.6	
	Medium	190	55.0	48.0	43.0	42.0	39.0	36.0	31.0	
	Low	130	48.6	41.6	36.6	35.6	32.6	29.6	24.6	
03	High	295	58.9	51.9	46.9	45.9	42.9	39.9	34.9	
	Medium	210	52.8	45.8	40.8	39.8	36.8	33.8	28.8	
	Low	150	47.3	40.3	35.3	34.3	31.3	28.3	23.3	
04	High	350	60.8	53.8	48.8	47.8	44.8	41.8	36.8	
	Medium	270	56.4	49.4	44.4	43.4	40.4	37.4	32.4	
	Low	180	50.5	43.5	38.5	37.5	34.5	31.5	26.5	
06	High	550	63.8	56.8	51.8	50.8	47.8	44.8	39.8	
	Medium	410	59.0	52.0	47.0	46.0	43.0	40.0	35.0	
	Low	320	54.5	47.5	42.5	41.5	38.5	35.5	30.5	
08	High	720	67.3	60.3	55.3	54.3	51.3	48.3	43.3	
	Medium	570	63.1	56.1	51.1	50.1	47.1	44.1	39.1	
	Low	400	58.1	51.1	46.1	45.1	42.1	39.1	34.1	
10	High	890	68.2	61.2	56.2	55.2	52.2	49.2	44.2	
	Medium	700	64.9	57.9	52.9	51.9	48.9	45.9	40.9	
	Low	410	55.5	48.5	43.5	42.5	39.5	36.5	31.5	
12	High	1075	68.8	61.8	56.8	55.8	52.8	49.8	44.8	
	Medium	750	64.2	57.2	52.2	51.2	48.2	45.2	40.2	
	Low	550	59.9	52.9	47.9	46.9	43.9	40.9	35.9	

#### 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".
- Standard PSC and EC motor(s)
- Models FFRC, FCHP, FCH and FTHP