

Motor, Fan And Sound Data

Note: Contact Titus regarding EC motor data before project submission

MOTOR AND FAN DATA

Unit Size	Fan Speed	Motor H.P. (QTY)	115 Volts		208-230 Volts		277 Volts	
			AMPS	WATTS	AMPS	WATTS	AMPS	WATTS
03	High	1/35	0.6	66	0.3	74	0.3	70
	Medium	1/60	0.5	54	0.2	58	0.2	58
	Low	1/150	0.4	40	0.2	43	0.2	45
04	High	1/25	1.0	118	0.5	118	0.5	124
	Medium	1/50	0.7	76	0.4	91	0.3	93
	Low	1/100	0.5	52	0.3	67	0.3	68
06	High	1/15	1.3	132	0.6	129	0.5	126
	Medium	1/30	0.9	82	0.5	93	0.4	94
	Low	1/60	0.7	69	0.4	85	0.3	93
08	High	1/6	2.7	247	1.4	233	1.0	240
	Medium	1/8	2.4	245	0.9	202	0.9	217
	Low	1/10	2.2	205	0.6	177	0.8	214
10	High	1/5	2.7	279	1.2	310	1.0	290
	Medium	1/6	1.9	277	0.8	285	0.7	255
	Low	1/8	1.0	202	0.6	245	0.5	220
12	High	1/4	4.9	474	2.2	477	2.0	458
	Medium	1/5	4.3	420	1.5	420	1.4	418
	Low	1/6	3.7	325	1.1	325	1.0	332

Notes:

1. Motor electrical data is nameplated data. Actual data will vary with application.
2. 230 volt motor is nameplated for 208-230/1/60. Use 230 volt motor data for 208 volt applications.

TVS SOUND DATA

Unit Size	Fan Speed	Total Sound Power Level						
		Octave Band / Center Frequency (HZ)						
		2/125	3/250	4/500	5/1000	6/2000	7/4000	8/8000
03	High	63	56	53	48	42	37	33
	Medium	59	52	49	43	36	32	27
	Low	51	45	41	34	25	22	21
04	High	65	58	54	49	46	42	36
	Medium	60	54	50	45	41	37	31
	Low	53	47	41	37	32	28	26
06	High	70	61	56	51	48	45	40
	Medium	63	54	52	45	41	41	36
	Low	58	51	47	42	34	28	25
08	High	71	63	61	59	54	52	47
	Medium	68	60	58	54	49	48	39
	Low	63	57	55	50	45	42	35
10	High	73	66	62	62	58	53	51
	Medium	71	63	59	55	50	47	45
	Low	64	59	57	53	48	44	41
12	High	74	70	69	65	61	61	53
	Medium	71	67	64	60	56	53	47
	Low	65	60	59	55	50	44	42

Sound data tested in accordance with AHRI 350-2000

2. Sound levels are expressed in decibels, dB Re: 1 x 10⁻¹² watts

3. Total sound power level data based on Model TVSR with fan CFM at corresponding motor tap with 115/1/60 volt motor, 4 row coil, 1" throwaway filter, double deflection discharge grille, 0.0" external static pressure and standard rated internal pressure losses

