

Motor and Fan Data

Note: Contact Titus regarding EC motor data before project submission

MOTOR AND FAN DATA

Unit Size	Fan Speed	Motor HP (Quality)		# Of Fan	AMPs @120/1/60			AMPs @208-230/1/60			AMPs @277/1/60		
		PSC	ECM		PSC	ECM		PSC	ECM		PSC	ECM	
						FLA	3-Phase Neutral Current		FLA	3-Phase Neutral Current		FLA	3-Phase Neutral Current
06	High	(1) 1/6	(1) 1/3	1	2.6	5.0	8.7	1.1	2.8	4.8	0.9	2.6	4.5
	Medium	(1) 1/8			2.1			0.9			0.8		
	Low	(1) 1/10			1.8			0.6			0.7		
08	High	(1) 1/4	(1) 1/3	1	3.8	5.0	8.7	1.6	2.8	4.8	1.3	2.6	4.5
	Medium	(1) 1/6			3.3			1.0			0.8		
	Low	(1) 1/8			2.6			0.8			0.7		
10	High	(1) 1/4	(1) 1/3	1	4.9	5.0	8.7	2.2	2.8	4.8	1.9	2.6	4.5
	Medium	(1) 1/5			4.1			1.5			1.2		
	Low	(1) 1/6			3.2			1.1			0.8		
12	High	(2) 1/6	(2) 1/3	2	5.2	10.0	17.3	2.2	5.6	9.7	1.8	5.2	9.0
	Medium	(2) 1/8			4.2			1.8			1.6		
	Low	(2) 1/10			3.6			1.2			1.4		
14	High	(2) 1/4	(2) 1/3	2	7.6	10.0	17.3	3.2	5.6	9.7	2.6	5.2	9.0
	Medium	(2) 1/6			6.6			2.0			1.6		
	Low	(2) 1/8			5.2			1.6			1.4		
16	High	(2) 1/4	(2) 1/3	2	9.8	10.0	17.3	4.4	5.6	9.7	3.8	5.2	9.0
	Medium	(2) 1/5			8.2			3.0			2.4		
	Low	(2) 1/6			6.4			2.2			1.6		
18	High	(2) 1/4	(2) 1/3	2	9.8	10.0	17.3	4.4	5.6	9.7	3.8	5.2	9.0
	Medium	(2) 1/5			8.2			3.0			2.4		
	Low	(2) 1/6			6.4			2.2			1.6		
20	High	(2) 1/4	(2) 1/3	2	9.8	10.0	17.3	4.4	5.6	9.7	3.8	5.2	9.0
	Medium	(2) 1/5			8.2			3.0			2.4		
	Low	(2) 1/6			6.4			2.2			1.6		

Notes:

1. Motor electrical data is nameplate data. Actual data will vary with application.
2. Motors nameplated for 208-230/1/60. Data is at 230 volts.
3. ECM motors operated on 208/1/60 power result in reduced airflow

SOUND DATA

Unit Size	Motor Speed	Motor RPM	UNIT SCFM (ECM)	UNIT SCFM (PSC)							
					2	3	4	5	6	7	8
06	High	1161	768	722	69	67	65	65	61	63	55
	Medium	965	589	622	66	62	62	59	57	54	47
	Low	678	403	502	58	53	55	50	46	44	33
08	High	1118	887	1030	72	69	68	67	65	65	56
	Medium	924	710	948	67	63	63	61	60	57	48
	Low	699	495	795	61	57	58	54	51	47	38
10	High	1118	999	1074	73	70	69	69	67	65	58
	Medium	911	791	988	68	64	65	63	62	57	48
	Low	689	563	785	62	60	60	56	54	49	39
12	High	1142	1552	1543	74	73	70	71	67	67	60
	Medium	920	1185	1275	69	67	65	64	62	59	50
	Low	708	862	1001	64	61	61	57	55	52	41
14	High	1109	1832	1978	74	72	70	71	67	66	58
	Medium	896	1458	1847	70	68	65	65	63	60	51
	Low	677	1044	1565	64	60	60	58	55	51	40
16	High	1120	2026	2000	75	73	71	70	68	69	58
	Medium	906	1606	1851	69	66	65	66	63	59	49
	Low	680	1145	1556	64	61	59	58	54	51	40
18	High	1112	2057	2058	74	71	69	71	68	66	58
	Medium	875	1608	1878	68	64	64	64	62	57	48
	Low	669	1168	1538	63	61	59	57	54	50	39
20	High	1111	2099	2145	74	72	69	71	67	66	58
	Medium	886	1647	1935	70	67	64	65	63	60	50
	Low	660	1167	1545	64	59	59	58	53	50	39

