



Variable Speed Table

2000 rpm – 4000 rpm
VAR-e09MSP-0

Pressure	SCL e09-MS																											
		2000			2250			2500			2750			2900			3250			3500			3750			4000		
	dp [inWG]	Q [cfm]	Pow [hp]	E.M. [hp]	Q [cfm]	Pow [hp]	E.M. [hp]	Q [cfm]	Pow [hp]	E.M. [hp]	Q [cfm]	Pow [hp]	E.M. [hp]	Q [cfm]	Pow [hp]	E.M. [hp]	Q [cfm]	Pow [hp]	E.M. [hp]	Q [cfm]	Pow [hp]	E.M. [hp]	Q [cfm]	Pow [hp]	E.M. [hp]	Q [cfm]	Pow [hp]	E.M. [hp]
170	-	-	-	-	-	-	-	-	-	-	-	-	-	169	13.01	15.00	234	14.71	20.00	292	16.15	20.00	334	17.56	20.00	-	-	-
160	-	-	-	-	-	-	-	-	-	-	-	-	-	182	12.32	15.00	246	13.98	15.00	302	15.38	20.00	343	16.75	20.00	384	18.20	20.00
150	-	-	-	-	-	-	-	-	-	-	167	11.01	15.00	195	11.65	15.00	259	13.25	15.00	312	14.62	20.00	353	15.95	20.00	394	17.36	20.00
140	-	-	-	-	-	-	-	-	-	-	180	10.36	15.00	208	10.98	15.00	271	12.53	15.00	323	13.85	15.00	364	15.15	20.00	404	16.52	20.00
130	-	-	-	-	-	-	147	8.77	15.00	194	9.71	15.00	221	10.31	15.00	283	11.82	15.00	333	13.10	15.00	374	14.35	20.00	414	15.68	20.00	
120	-	-	-	-	-	-	162	8.17	15.00	208	9.08	15.00	235	9.66	10.00	296	11.12	15.00	344	12.34	15.00	384	13.55	15.00	424	14.84	20.00	
110	-	-	-	130	6.77	15.00	176	7.57	15.00	222	8.45	10.00	248	9.01	10.00	308	10.42	15.00	355	11.59	15.00	395	12.76	15.00	435	14.00	15.00	
100	-	-	-	145	6.22	15.00	191	6.99	10.00	236	7.83	10.00	262	8.37	10.00	321	9.73	15.00	366	10.84	15.00	406	11.96	15.00	445	13.17	15.00	
90	115	5.01	15.00	161	5.67	10.00	206	6.41	10.00	250	7.21	10.00	276	7.73	10.00	334	9.05	10.00	378	10.09	15.00	417	11.18	15.00	456	12.34	15.00	
80	132	4.51	10.00	178	5.14	10.00	222	5.84	10.00	265	6.61	10.00	290	7.10	7.50	347	8.37	10.00	389	9.35	10.00	428	10.39	15.00	466	11.51	15.00	
70	150	4.02	10.00	194	4.61	10.00	237	5.28	7.50	279	6.01	7.50	304	6.48	7.50	360	7.70	10.00	401	8.61	10.00	439	9.61	15.00	477	10.69	15.00	
60	168	3.54	10.00	211	4.10	7.50	253	4.73	7.50	294	5.42	7.50	318	5.87	7.50	373	7.03	7.50	413	7.87	10.00	451	8.83	10.00	488	9.87	15.00	
50	186	3.07	7.50	228	3.59	7.50	269	4.18	7.50	309	4.84	7.50	332	5.27	7.50	386	6.37	7.50	425	7.13	7.50	462	8.05	10.00	499	9.05	10.00	
40	205	2.61	7.50	245	3.10	7.50	285	3.65	7.50	324	4.26	7.50	347	4.67	7.50	400	5.72	7.50	437	6.40	7.50	474	7.27	10.00	511	8.23	10.00	
30	224	2.16	7.50	263	2.61	7.50	301	3.12	7.50	339	3.70	7.50	361	4.08	7.50	413	5.07	7.50	450	5.67	7.50	486	6.50	7.50	522	7.41	10.00	
20	243	1.72	7.50	281	2.13	7.50	318	2.60	7.50	354	3.14	7.50	376	3.49	7.50	427	4.44	7.50	463	4.94	7.50	498	5.73	7.50	533	6.60	7.50	
10	263	1.29	7.50	299	1.66	7.50	335	2.09	7.50	370	2.59	7.50	391	2.92	7.50	440	3.80	7.50	475	4.22	7.50	510	4.96	7.50	545	5.79	7.50	
0	283	0.88	7.50	317	1.20	7.50	351	1.59	7.50	386	2.04	7.50	406	2.35	7.50	454	3.18	7.50	489	3.50	7.50	523	4.20	7.50	557	4.98	7.50	

Highlighted values represent the maximum pressure for the installed motor power.

Curves refer to air at 68°F temperature and 29.92 In Hg atmospheric pressure (abs) measured at inlet port
Values for flow and power consumption: +/-10% tolerance.
Data subject to change without notice.