



Variable Speed Table
2000 rpm – 4000 rpm
VAR-e08MSP-0

		SCL e08-MS																											
		2000			2250			2500			2750			2900			3250			3500			3750			4000			
Pressure	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	-	-	-	-	-	-	-	-	-	-	-	-	-	136	10.74	15.00	183	12.37	15.00	222	13.56	15.00	261	14.84	15.00	-	-	-
	160	-	-	-	-	-	-	-	-	-	-	-	-	-	147	10.16	15.00	193	11.72	15.00	232	12.88	15.00	270	14.12	15.00	-	-	-
	150	-	-	-	-	-	-	-	-	-	-	132	9.00	10.00	157	9.59	10.00	203	11.08	15.00	241	12.20	15.00	279	13.40	15.00	316	14.71	15.00
	140	-	-	-	-	-	-	-	-	-	-	144	8.45	10.00	168	9.02	10.00	213	10.44	15.00	251	11.52	15.00	288	12.69	15.00	324	13.96	15.00
	130	-	-	-	-	-	-	-	-	-	-	155	7.91	10.00	179	8.45	10.00	223	9.81	10.00	261	10.85	15.00	297	11.99	15.00	333	13.22	15.00
	120	-	-	-	-	-	-	125	6.56	10.00	166	7.37	10.00	190	7.89	10.00	234	9.18	10.00	271	10.19	15.00	307	11.29	15.00	342	12.48	15.00	
	110	-	-	-	-	-	-	138	6.07	10.00	178	6.84	10.00	201	7.34	7.50	244	8.56	10.00	281	9.53	10.00	316	10.60	15.00	351	11.75	15.00	
	100	-	-	-	-	-	-	150	5.58	7.50	190	6.31	7.50	213	6.78	7.50	255	7.95	10.00	291	8.88	10.00	325	9.91	10.00	359	11.02	15.00	
	90	-	-	-	123	4.47	7.50	163	5.10	7.50	202	5.79	7.50	224	6.24	7.50	266	7.34	7.50	301	8.24	10.00	335	9.22	10.00	368	10.30	15.00	
	80	-	-	-	137	4.02	7.50	176	4.62	7.50	214	5.27	7.50	235	5.69	7.50	276	6.74	7.50	311	7.60	10.00	344	8.55	10.00	377	9.58	10.00	
	70	111	3.09	7.50	151	3.59	7.50	189	4.14	7.50	226	4.76	5.50	247	5.16	5.50	287	6.15	7.50	321	6.97	7.50	354	7.87	10.00	386	8.87	10.00	
	60	127	2.70	7.50	165	3.16	5.50	202	3.67	5.50	238	4.25	5.50	259	4.62	5.50	298	5.56	7.50	331	6.34	7.50	364	7.21	7.50	395	8.16	10.00	
	50	143	2.32	5.50	180	2.74	5.50	216	3.21	5.50	250	3.74	5.50	270	4.09	5.50	309	4.98	5.50	342	5.72	7.50	373	6.54	7.50	405	7.46	7.50	
	40	159	1.94	5.50	195	2.32	5.50	229	2.75	5.50	263	3.24	5.50	282	3.57	5.50	321	4.40	5.50	352	5.10	5.50	383	5.89	7.50	414	6.76	7.50	
	30	176	1.57	5.50	210	1.91	5.50	243	2.30	5.50	275	2.75	5.50	294	3.05	5.50	332	3.83	5.50	362	4.49	5.50	393	5.24	5.50	423	6.07	7.50	
20	193	1.21	5.50	225	1.50	5.50	257	1.85	5.50	288	2.26	5.50	306	2.53	5.50	343	3.27	5.50	373	3.89	5.50	403	4.59	5.50	432	5.38	5.50		
10	211	0.85	5.50	241	1.10	5.50	271	1.41	5.50	301	1.77	5.50	319	2.02	5.50	355	2.71	5.50	384	3.29	5.50	413	3.95	5.50	442	4.70	5.50		
0	228	0.50	5.50	257	0.71	5.50	285	0.97	5.50	314	1.29	5.50	331	1.51	5.50	366	2.16	5.50	394	2.70	5.50	423	3.32	5.50	451	4.03	5.50		

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.