



Variable Speed Table
2000 rpm – 4000 rpm
VAR-e10MDV-0

Vacuum	SCL e10-MD																											
		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	-	-	-	-	-	-	-	-	-	-	-	-	131	7.95	10.00	164	9.15	10.00	188	10.01	15.00	211	10.96	15.00	234	11.96	15.00
	160	-	-	-	-	-	-	-	-	-	-	-	-	138	7.60	10.00	171	8.77	10.00	194	9.61	15.00	217	10.55	15.00	240	11.53	15.00
	150	-	-	-	-	-	-	-	-	-	131	6.79	10.00	145	7.25	10.00	178	8.39	10.00	201	9.22	10.00	224	10.13	15.00	246	11.09	15.00
	140	-	-	-	-	-	-	-	-	-	138	6.45	10.00	152	6.90	10.00	185	8.02	10.00	207	8.83	10.00	230	9.72	15.00	252	10.67	15.00
	130	-	-	-	-	-	-	122	5.43	10.00	145	6.13	10.00	159	6.57	10.00	191	7.65	10.00	214	8.44	10.00	236	9.32	10.00	257	10.24	15.00
	120	-	-	-	-	-	-	129	5.13	10.00	152	5.80	10.00	166	6.23	10.00	197	7.29	10.00	220	8.06	10.00	241	8.92	10.00	263	9.82	15.00
	110	-	-	-	113	4.22	10.00	136	4.83	10.00	159	5.48	10.00	173	5.90	10.00	204	6.92	10.00	225	7.68	10.00	247	8.52	10.00	268	9.41	10.00
100	-	-	-	121	3.95	10.00	144	4.54	10.00	166	5.17	10.00	179	5.57	10.00	210	6.57	10.00	231	7.31	10.00	252	8.13	10.00	273	9.00	10.00	
90	105	3.16	10.00	128	3.68	10.00	150	4.25	10.00	173	4.86	10.00	186	5.24	10.00	216	6.21	10.00	237	6.95	10.00	258	7.74	10.00	279	8.59	10.00	
80	113	2.91	10.00	135	3.41	10.00	157	3.96	10.00	179	4.55	10.00	192	4.92	10.00	222	5.86	10.00	242	6.58	10.00	263	7.36	10.00	283	8.19	10.00	
70	120	2.67	10.00	142	3.15	10.00	164	3.68	10.00	185	4.25	10.00	198	4.61	10.00	228	5.52	10.00	247	6.23	10.00	268	6.98	10.00	288	7.79	10.00	
60	127	2.44	10.00	149	2.90	10.00	170	3.40	10.00	191	3.95	10.00	204	4.30	10.00	233	5.17	10.00	252	5.87	10.00	272	6.61	10.00	293	7.40	10.00	
50	134	2.21	10.00	155	2.65	10.00	176	3.13	10.00	197	3.65	10.00	210	3.99	10.00	239	4.83	10.00	257	5.53	10.00	277	6.24	10.00	297	7.01	10.00	
40	141	1.98	10.00	162	2.40	10.00	182	2.86	10.00	203	3.36	10.00	216	3.68	10.00	244	4.50	10.00	261	5.18	10.00	281	5.88	10.00	302	6.63	10.00	
30	147	1.76	10.00	168	2.15	10.00	188	2.59	10.00	209	3.07	10.00	221	3.38	10.00	250	4.17	10.00	266	4.84	10.00	286	5.52	10.00	306	6.25	10.00	
20	153	1.55	10.00	174	1.92	10.00	194	2.33	10.00	214	2.79	10.00	227	3.08	10.00	255	3.84	10.00	270	4.51	10.00	290	5.17	10.00	310	5.87	10.00	
10	159	1.33	10.00	179	1.68	10.00	200	2.07	10.00	220	2.51	10.00	232	2.79	10.00	260	3.52	10.00	274	4.18	10.00	294	4.82	10.00	314	5.50	10.00	
0	165	1.13	10.00	185	1.45	10.00	205	1.82	10.00	225	2.23	10.00	237	2.50	10.00	265	3.20	10.00	278	3.85	10.00	298	4.47	10.00	317	5.14	10.00	

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

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