



Variable Speed Table

2000 rpm – 4000 rpm
VAR-e09MDV-1

	SCL e09-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]
Vacuum	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	137	8.69	10.00	155	9.49	10.00	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	142	8.37	10.00	160	9.15	10.00	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	147	8.04	10.00	164	8.81	10.00	-	-	-
	160	-	-	-	-	-	-	-	-	-	-	-	-	111	6.18	10.00	136	7.12	10.00	151	7.73	10.00	169	8.48	10.00	187	9.26	10.00
	150	-	-	-	-	-	-	-	-	-	-	-	-	116	5.89	10.00	140	6.80	10.00	156	7.41	10.00	174	8.14	10.00	191	8.91	10.00
	140	-	-	-	-	-	-	-	-	-	110	5.24	10.00	121	5.60	10.00	145	6.50	10.00	161	7.10	10.00	179	7.81	10.00	196	8.56	10.00
	130	-	-	-	-	-	-	-	-	-	115	4.97	10.00	125	5.32	10.00	150	6.19	10.00	166	6.78	10.00	183	7.48	10.00	201	8.22	10.00
	120	-	-	-	-	-	-	102	4.17	10.00	120	4.70	10.00	130	5.05	10.00	155	5.89	10.00	171	6.47	10.00	188	7.16	10.00	206	7.87	10.00
	110	-	-	-	-	-	-	107	3.92	10.00	124	4.44	10.00	135	4.77	10.00	159	5.59	10.00	175	6.17	10.00	193	6.83	10.00	210	7.53	10.00
	100	-	-	-	94	3.20	10.00	112	3.67	10.00	129	4.18	10.00	140	4.50	10.00	164	5.29	10.00	180	5.86	10.00	198	6.51	10.00	215	7.19	10.00
	90	-	-	-	99	2.98	10.00	117	3.43	10.00	134	3.92	10.00	145	4.23	10.00	169	5.00	10.00	185	5.56	10.00	203	6.19	10.00	220	6.86	10.00
	80	87	2.36	10.00	105	2.76	10.00	122	3.20	10.00	139	3.67	10.00	150	3.97	10.00	174	4.71	10.00	190	5.26	10.00	207	5.87	10.00	225	6.52	10.00
	70	92	2.16	10.00	110	2.55	10.00	127	2.96	10.00	144	3.42	10.00	155	3.71	10.00	179	4.43	10.00	195	4.96	10.00	212	5.56	10.00	230	6.19	10.00
	60	98	1.97	10.00	115	2.33	10.00	132	2.73	10.00	150	3.17	10.00	160	3.45	10.00	184	4.14	10.00	200	4.67	10.00	217	5.25	10.00	234	5.86	10.00
	50	103	1.78	10.00	121	2.13	10.00	138	2.51	10.00	155	2.93	10.00	165	3.19	10.00	189	3.87	10.00	205	4.38	10.00	222	4.94	10.00	239	5.53	10.00
	40	109	1.59	10.00	126	1.92	10.00	143	2.29	10.00	160	2.69	10.00	170	2.94	10.00	194	3.59	10.00	210	4.09	10.00	227	4.63	10.00	244	5.21	10.00
	30	114	1.41	10.00	132	1.72	10.00	149	2.07	10.00	165	2.45	10.00	176	2.69	10.00	199	3.32	10.00	215	3.80	10.00	232	4.32	10.00	249	4.89	10.00
20	120	1.23	10.00	137	1.53	10.00	154	1.85	10.00	171	2.22	10.00	181	2.45	10.00	205	3.05	10.00	220	3.51	10.00	237	4.02	10.00	254	4.57	10.00	
10	126	1.06	10.00	143	1.33	10.00	160	1.64	10.00	176	1.99	10.00	186	2.21	10.00	210	2.78	10.00	226	3.23	10.00	242	3.72	10.00	259	4.25	10.00	
0	132	0.89	10.00	149	1.14	10.00	165	1.43	10.00	182	1.76	10.00	192	1.97	10.00	215	2.52	10.00	231	2.95	10.00	247	3.42	10.00	264	3.93	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.