



Variable Speed Table

2000 rpm – 4000 rpm
VAR-e09MSV-0

	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]
Vacuum	140	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	262	12.92	15.00	302	14.07	15.00	-	-	-
	130	-	-	-	-	-	-	-	-	-	-	-	-	145	9.87	15.00	209	11.22	15.00	280	12.24	15.00	319	13.34	15.00	-	-	-
	120	-	-	-	-	-	-	-	-	-	-	-	-	170	9.24	10.00	231	10.54	15.00	297	11.55	15.00	336	12.61	15.00	374	13.71	15.00
	110	-	-	-	-	-	-	-	-	-	167	8.10	10.00	193	8.62	10.00	253	9.86	15.00	314	10.87	15.00	352	11.88	15.00	390	12.94	15.00
	100	-	-	-	-	-	-	147	6.73	10.00	191	7.51	10.00	217	8.00	10.00	275	9.19	10.00	331	10.18	15.00	369	11.16	15.00	406	12.18	15.00
	90	-	-	-	-	-	-	171	6.19	10.00	214	6.93	10.00	239	7.39	10.00	295	8.53	10.00	348	9.50	10.00	385	10.44	15.00	422	11.41	15.00
	80	-	-	-	152	4.99	10.00	195	5.65	10.00	236	6.35	7.50	260	6.79	7.50	316	7.88	10.00	364	8.82	10.00	401	9.71	15.00	438	10.64	15.00
	70	134	3.91	10.00	177	4.50	10.00	218	5.12	7.50	258	5.79	7.50	281	6.20	7.50	335	7.24	10.00	380	8.14	10.00	417	8.99	10.00	453	9.88	15.00
	60	159	3.47	10.00	200	4.02	7.50	240	4.60	7.50	278	5.23	7.50	301	5.62	7.50	354	6.60	7.50	397	7.47	10.00	433	8.27	10.00	469	9.12	10.00
	50	183	3.04	7.50	222	3.55	7.50	261	4.09	7.50	298	4.68	7.50	321	5.05	7.50	372	5.97	7.50	412	6.79	7.50	448	7.55	10.00	484	8.36	10.00
	40	205	2.62	7.50	243	3.09	7.50	281	3.59	7.50	317	4.14	7.50	339	4.48	7.50	390	5.35	7.50	428	6.12	7.50	464	6.83	7.50	499	7.60	10.00
	30	227	2.21	7.50	263	2.64	7.50	300	3.10	7.50	336	3.61	7.50	357	3.93	7.50	407	4.74	7.50	443	5.44	7.50	479	6.12	7.50	514	6.84	7.50
	20	247	1.81	7.50	282	2.20	7.50	318	2.62	7.50	353	3.08	7.50	374	3.38	7.50	423	4.13	7.50	459	4.77	7.50	494	5.40	7.50	528	6.08	7.50
	10	265	1.42	7.50	300	1.76	7.50	335	2.14	7.50	370	2.57	7.50	391	2.84	7.50	439	3.54	7.50	474	4.10	7.50	508	4.69	7.50	543	5.32	7.50
	0	283	1.04	7.50	317	1.34	7.50	351	1.68	7.50	386	2.06	7.50	406	2.31	7.50	454	2.95	7.50	489	3.43	7.50	523	3.98	7.50	557	4.57	7.50

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.