



# Variable Speed Table

2000 rpm – 4500 rpm

VAR-R30MDV-1

SCL R30-MD-MOR																																				
dp [mbar]	dp [inWG]	dp [inHg]	2000			2250			2500			2750			2900			3250			3500			3750			4000			4250			4500			
			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]	Q [cfm]	Pow [hp]	E.M. [hp]				
375	150	11.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	1.47	2.00	20	1.64	2.00	28	1.83	2.00	36	2.03	3.00	43	2.25	3.00	49	2.49	3.00
350	140	10.34	-	-	-	-	-	-	-	-	-	-	-	-	11	1.40	2.00	15	1.39	2.00	23	1.56	2.00	31	1.74	2.00	38	1.94	3.00	45	2.16	3.00	52	2.39	3.00	
325	130	9.60	-	-	-	-	-	-	-	-	-	-	9	1.22	2.00	14	1.33	2.00	18	1.32	2.00	26	1.48	2.00	34	1.66	2.00	41	1.85	2.00	48	2.06	3.00	54	2.29	3.00
300	120	8.86	-	-	-	-	-	-	-	-	-	12	1.15	2.00	17	1.25	2.00	22	1.24	2.00	29	1.40	2.00	37	1.57	2.00	44	1.76	2.00	50	1.97	3.00	56	2.19	3.00	
275	110	8.12	-	-	-	-	-	-	-	-	-	15	1.08	2.00	20	1.18	2.00	25	1.17	2.00	33	1.32	2.00	40	1.49	2.00	46	1.67	2.00	53	1.88	2.00	59	2.10	3.00	
250	100	7.38	-	-	-	-	-	-	11	0.87	2.00	18	1.02	2.00	23	1.11	2.00	29	1.10	2.00	36	1.24	2.00	42	1.41	2.00	49	1.59	2.00	55	1.78	2.00	61	2.00	3.00	
225	90	6.64	-	-	-	-	-	-	14	0.81	2.00	21	0.95	2.00	26	1.04	2.00	32	1.02	2.00	39	1.17	2.00	45	1.32	2.00	51	1.50	2.00	57	1.69	2.00	63	1.91	3.00	
200	80	5.91	-	-	-	10	0.63	2.00	17	0.75	2.00	25	0.88	2.00	29	0.97	2.00	35	0.95	2.00	42	1.09	2.00	48	1.24	2.00	54	1.41	2.00	60	1.60	2.00	66	1.81	2.00	
175	70	5.17	-	-	-	14	0.57	2.00	21	0.69	2.00	28	0.81	2.00	32	0.90	2.00	38	0.88	2.00	45	1.01	2.00	51	1.16	2.00	57	1.33	2.00	62	1.51	2.00	68	1.71	2.00	
150	60	4.43	10	0.43	2.00	18	0.52	2.00	24	0.62	2.00	31	0.75	2.00	35	0.83	2.00	42	0.81	2.00	48	0.94	2.00	53	1.08	2.00	59	1.24	2.00	65	1.42	2.00	70	1.62	2.00	
125	50	3.69	14	0.38	2.00	21	0.46	2.00	28	0.56	2.00	34	0.68	2.00	38	0.76	2.00	45	0.74	2.00	51	0.86	2.00	56	1.00	2.00	62	1.16	2.00	67	1.33	2.00	72	1.53	2.00	
100	40	2.95	19	0.33	2.00	25	0.41	2.00	32	0.50	2.00	38	0.61	2.00	41	0.69	2.00	48	0.67	2.00	53	0.79	2.00	59	0.92	2.00	64	1.08	2.00	69	1.24	2.00	74	1.43	2.00	
75	30	2.21	23	0.28	2.00	29	0.35	2.00	35	0.44	2.00	41	0.55	2.00	44	0.62	2.00	51	0.60	2.00	56	0.72	2.00	61	0.85	2.00	67	0.99	2.00	72	1.16	2.00	77	1.34	2.00	
50	20	1.48	28	0.23	2.00	33	0.30	2.00	39	0.38	2.00	44	0.48	2.00	47	0.55	2.00	54	0.53	2.00	59	0.64	2.00	64	0.77	2.00	69	0.91	2.00	74	1.07	2.00	79	1.25	2.00	
25	10	0.74	32	0.18	2.00	38	0.25	2.00	43	0.33	2.00	48	0.42	2.00	51	0.48	2.00	57	0.47	2.00	62	0.57	2.00	67	0.69	2.00	71	0.83	2.00	76	0.98	2.00	81	1.15	2.00	
0	0	0.00	37	0.14	2.00	42	0.19	2.00	46	0.27	2.00	51	0.36	2.00	54	0.42	2.00	60	0.40	2.00	65	0.50	2.00	69	0.62	2.00	74	0.75	2.00	78	0.90	2.00	83	1.06	2.00	

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.