

150 VCR-HP

Wheel Diameter - 15"

Tip Speed (FPM) - $3.9 \times \text{RPM}$

Maximum RPM - 1952

Maximum BHP - $.10 \times (\text{RPM}/1000)^3$

Maximum Motor Frame - 143T

Approx. Ship Wt. (Less Motor) - 77 lbs.

Roof Curb - RCG, RCA - 22

Roof Opening - 19-1/2 inches

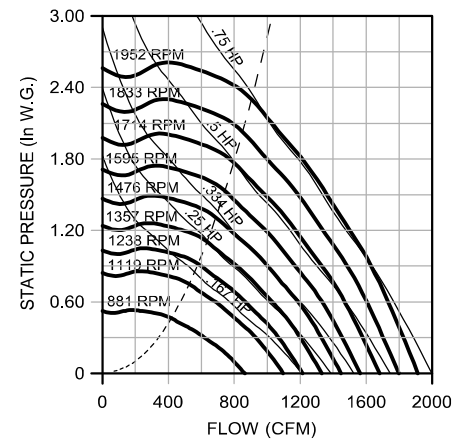
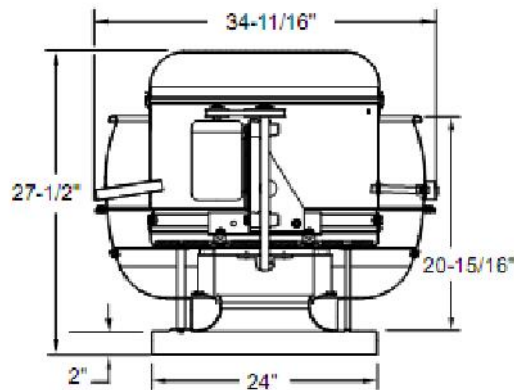
Material Gauges

Top Cap Lid - .050

Top Cap Cylinder - .040

Baffle - .063

Base - .063



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Catalog Number	Mtr. HP/ Drv. Wt.	Fan RPM	Tip Speed	0.250" SP		0.375" SP		0.500" SP		0.750" SP		1.000" SP		1.250" SP		1.500" SP		1.750" SP		2.000" SP		2.250" SP		2.500" SP		
				Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone	BHP	Sone
150VH2B	1/6 15 lbs.	881 1162	3459 4563	672		536		339																		
				4.4	.07	4.1	.07	3.7	.06																	
				1012		932		835		606																
				7.4	.15	7.5	.16	7.6	.16	6.8	.16															
150VH3B	1/4 15 lbs.	1249 1336	4904 5246	1108		1039		954		763		491														
				8.5	.19	8.6	.20	8.7	.20	8.2	.20	7.3	.18													
				1202		1141		1069		899		689														
				9.6	.23	9.6	.24	9.8	.24	9.8	.25	8.7	.24													
150VH4B	1/3 19 lbs.	1407 1478	5525 5804	1277		1221		1158		1000		818		587												
				10.6	.26	10.4	.27	10.6	.28	10.9	.29	10.0	.29	9.1	.27											
				1352		1300		1242		1098		940		743												
				11.4	.30	11.3	.31	11.3	.32	11.6	.34	11.1	.33	10.2	.33											
150VH5B	1/2 23 lbs.	1587 1696	6232 6660	1466		1419		1368		1245		1102		940		753										
				12.9	.37	12.8	.38	12.8	.39	12.8	.41	12.9	.42	12.0	.41	11.3	.40									
				1579		1536		1489		1384		1253		1118		952		775								
				14.4	.45	14.4	.46	14.3	.47	14.3	.49	14.2	.51	13.9	.50	13.2	.50	12.6	.48							
150VH6B	3/4 31 lbs.	1824 1952	7162 7665	1711		1671		1629		1538		1427		1301		1174		1014		852						
				16.2	.56	16.2	.57	16.2	.58	16.2	.60	16.2	.62	16.1	.63	15.6	.63	15.1	.62	14.7	.60					
				1842		1805		1766		1685		1591		1477		1361		1239		1087		938				
				18.5	.68	18.5	.69	18.5	.71	18.4	.73	18.3	.75	18.3	.77	18.3	.77	17.8	.77	17.4	.76	17.1	.74			

Performance certified is for Installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances (accessories). The sound ratings shown are loudness values in fan sones at 5 ft. (1.5m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type A: free Inlet hemispherical sone levels.