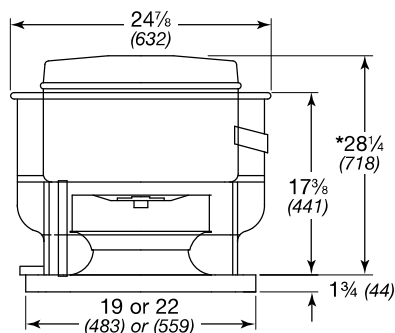


Roof Upblast/Sidewall Exhaust

Size-120: CUBE • CUE

Previously Size-121



Direct Drive RPM

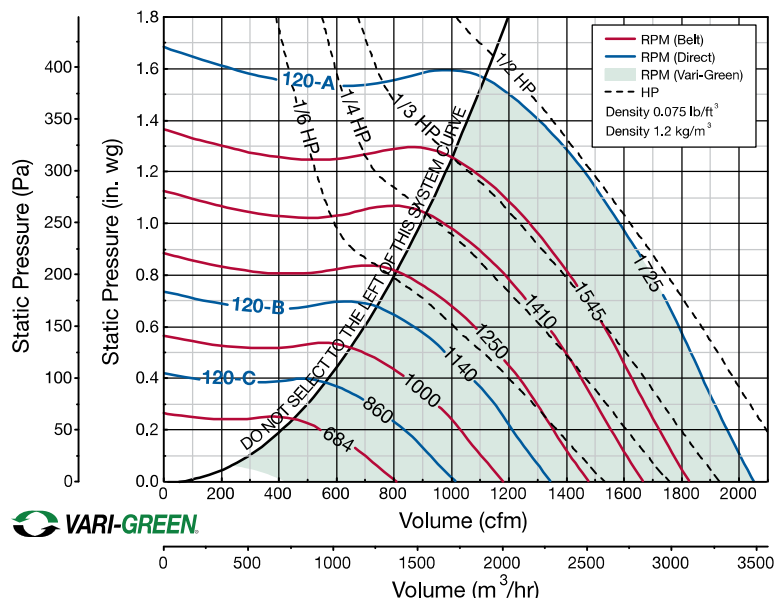
C-860 RPM
B-1140 RPM
A-1725 RPM
VG-1725 RPM

All dimensions in inches (millimeters), weight in pounds (kilograms).

* May be greater depending on motor.

^Weight shown is largest cataloged open drip-proof motor.

	CUBE	CUE
^Approximate Weight	66 (30)	64 (29)
Damper Size	12 x 12 (305 x 305)	16 x 16 (406 x 406)
Roof/Wall (without wall bracket) Opening	15 1/2 x 15 1/2 (394 x 394)	18 1/2 x 18 1/2 (470 x 470)
Wall Opening with Wall Bracket	15 x 15 (381 x 381)	18 x 18 (457 x 457)
Wall Opening with a Curb Through Wall	19 x 19 (483 x 483)	22 x 22 (559 x 559)



Motor HP		Fan RPM	Static Pressure in Inches wg															
Belt	Direct		0	0.125	0.25	0.375	0.5	0.625	0.75	1	1.25	1.5						
120																		
1/4	VARI-GREEN	VG-1/4	684	CFM	808	669												
				BHP	0.02	0.03												
				Sones	4.4	4.4												
			772	CFM	912	789	630											
				BHP	0.04	0.04	0.043											
				Sones	4.8	5	5.1											
			860	CFM	1015	905	781	581										
				BHP	0.05	0.05	0.06	0.06										
				Sones	5.3	5.7	5.6	5.7										
			1000	CFM	1181	1084	993	870	691									
				BHP	0.08	0.08	0.09	0.09	0.09									
				Sones	6.2	6.6	6.8	6.7	6.7									
			1140	CFM	1346	1261	1180	1091	981	833								
				BHP	0.11	0.12	0.13	0.13	0.14	0.14								
				Sones	7.4	7.9	8.2	8.2	8	8.1								
			1250	CFM	1476	1397	1323	1250	1159	1053	916							
				BHP	0.15	0.16	0.17	0.17	0.18	0.18	0.18							
				Sones	8.8	9.3	9.9	9.9	10	9.8	9.8							
			1410	CFM	1665	1595	1528	1463	1398	1315	1224	965						
				BHP	0.21	0.22	0.23	0.24	0.25	0.26	0.26	0.25						
				Sones	11.1	11.6	12.2	12.5	12.6	12.7	12.7	12.3						
			1/3	VARI-GREEN	VG-1/2	1480	CFM	1748	1681	1617	1555	1493	1421	1338	1132			
							BHP	0.25	0.26	0.27	0.28	0.29	0.29	0.30	0.30			
							Sones	11.9	12.4	13.1	13.5	13.7	13.8	13.8	13.6			
1545	CFM	1824				1760	1699	1639	1580	1518	1441	1262	990					
	BHP	0.28				0.29	0.30	0.31	0.32	0.33	0.34	0.34	0.33					
	Sones	12.8				13.4	14	14.5	14.7	14.8	14.9	14.9	14.6					
1/2	VARI-GREEN	A-1/2	1635	CFM	1931	1870	1811	1755	1699	1643	1577	1424	1226					
				BHP	0.33	0.34	0.36	0.37	0.38	0.39	0.40	0.41	0.40					
				Sones	14.1	14.7	15.2	15.9	16.2	16.4	16.6	16.7	16.5					
			1725	CFM	2037	1979	1923	1869	1816	1763	1710	1571	1406	1176				
				BHP	0.39	0.40	0.41	0.43	0.44	0.45	0.46	0.47	0.48	0.46				
				Sones	15.6	16.1	16.7	17.3	17.9	18.2	18.4	18.7	18.6	18.4				

MAXIMUM BHP AT A
GIVEN RPM = (RPM/2199)³
MAXIMUM RPM = 1725
TIP SPEED (ft/min) = RPM x 3.419
MAXIMUM MOTOR FRAME SIZE = 56
AVERAGE DISCHARGE VELOCITY
(FPM) = CFM/1.28

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. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation type A: Free inlet hemispherical sone levels.