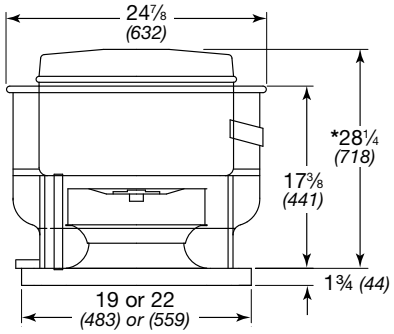
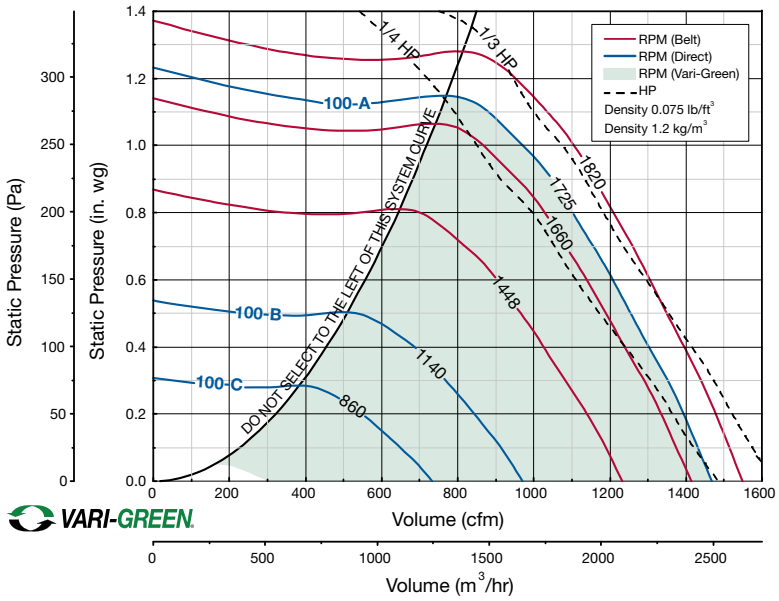
Roof Upblast/Sidewall Exhaust
Size-100: CUBE • CUE
Previously Size-101

GREENHECK
Building Value in Air.



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	58 *(26)*	53 *(24)*
Damper Size	12 x 12 *(305 x 305)*	
Roof/Wall Opening	14½ x 14½ *(368 x 368)*	
Wall Opening with a Curb Through Wall	19 x 19 *(483 x 483)*	
	22 x 22 *(559 x 559)*	

Motor HP			Fan		Static Pressure in Inches wg										
Belt	Direct		RPM		0	0.125	0.25	0.375	0.5	0.625	0.75	0.875	1	1.125
100															
1/4	VG-1/4	C-1/8	860	CFM	732	625	481							
				BHP	0.03	0.035	0.036							
				Sones	4.6	2.1	1.3							
			953	CFM	811	717	603							
				BHP	0.041	0.047	0.05							
				Sones	5.5	4.2	3.1							
			1046	CFM	890	807	707	577						
				BHP	0.054	0.061	0.066	0.065						
				Sones	6.5	6.2	5.6	5.4						
		B-1/6	1140	CFM	970	897	806	707	411					
				BHP	0.07	0.078	0.084	0.085	0.067					
				Sones	7.2	7	6.5	6	5.5					
			1252	CFM	1066	1000	920	834	732					
				BHP	0.092	0.1	0.11	0.11	0.11					
				Sones	8	8	7.6	6.9	6.5					
			1350	CFM	1149	1089	1016	940	856	745				
				BHP	0.12	0.13	0.13	0.14	0.14	0.14				
				Sones	8.9	8.9	8.6	8.1	7.5	7				
			1448	CFM	1233	1176	1112	1040	966	886	763			
				BHP	0.14	0.15	0.16	0.17	0.17	0.17	0.17			
				Sones	10.3	10.2	9.9	9.5	9	8.3	8			
			1546	CFM	1316	1264	1206	1139	1072	999	915	793		
				BHP	0.17	0.19	0.2	0.2	0.21	0.21	0.21	0.23		
				Sones	11.8	11.5	11.3	10.9	10.5	9.8	9.3	8.9		
			1660	CFM	1413	1365	1313	1251	1189	1125	1056	974	861	
				BHP	0.22	0.23	0.24	0.25	0.26	0.26	0.26	0.26	0.25	
				Sones	12.7	12.3	12	11.6	11.3	10.8	10.2	9.6	9.4	
1/3		A-1/4	1725	CFM	1468	1422	1373	1315	1255	1195	1129	1062	970	
				BHP	0.24	0.26	0.27	0.28	0.29	0.29	0.29	0.29	0.29	
				Sones	13.3	12.9	12.5	12	11.7	11.3	10.8	10.2	9.7	
			1820	CFM	1549	1505	1459	1406	1350	1293	1234	1171	1106	900
				BHP	0.28	0.3	0.31	0.32	0.33	0.34	0.35	0.35	0.35	0.33
				Sones	14.3	13.7	13.4	12.7	12.4	12	11.6	11.2	10.6	10.1

MAXIMUM BHP AT A
GIVEN RPM = (RPM/3099)³
MAXIMUM RPM = 1820
TIP SPEED (ft/min) = RPM x 2.846
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.