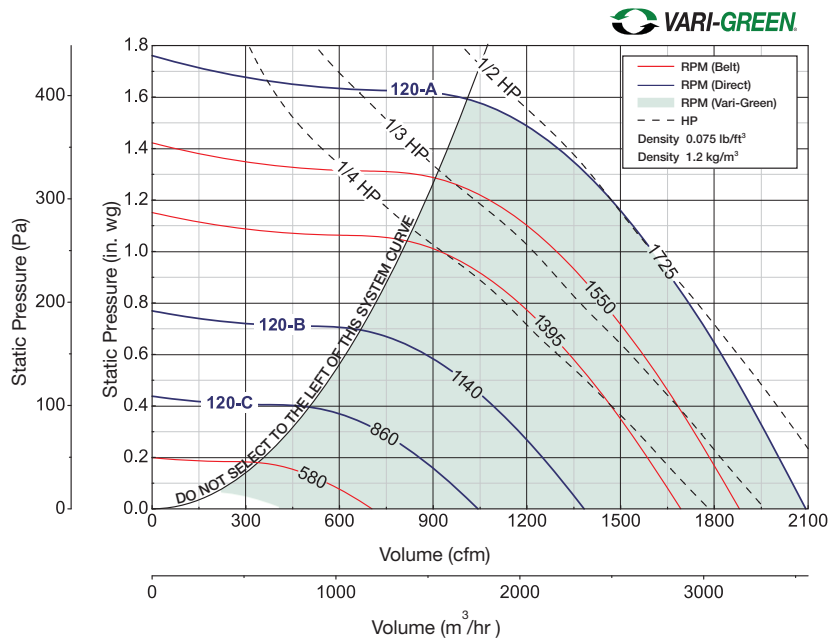
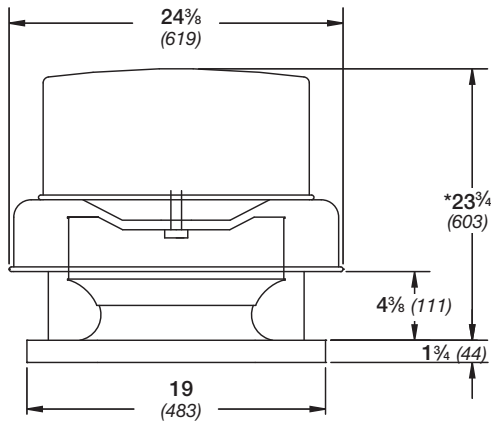


# Roof Downblast Exhaust Size-120: GB • G

Previously Size- GB-121 • G-123



Damper Size = 12 x 12 (305 x 305)  
 Roof Opening = 14 1/2 x 14 1/2 (368 x 368)  
 Shroud Thickness = 0.051 (1.3)  
 Motor Cover Thickness = 0.040 (1.0)  
 Curb Cap Thickness = 0.064 (1.6)  
 ^Approximate Unit Weight G/GB = 58/66 lbs. (26/30 kg)

All dimensions in inches (millimeters). \*May be greater depending on motor. ^Weight shown is largest cataloged Open Drip-Proof motor.

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

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	
<b>120</b>													
1/4	VG-1/2	580	CFM	704	515								
			BHP	0.02	0.02								
			Sones	3.2	3.3								
		860	CFM	873	735	523							
			BHP	0.03	0.04	0.04							
			Sones	4.2	4.3	4.1							
	C-1/8	860	CFM	1043	932	796	580						
			BHP	0.05	0.06	0.06	0.06						
			Sones	5.4	5.5	5.2	5.2						
		1000	CFM	1213	1119	1013	883	694					
			BHP	0.08	0.09	0.09	0.10	0.09					
			Sones	6.7	6.8	6.7	6.4	6.4					
B-1/6	1140	CFM	1383	1300	1213	1112	993	831					
		BHP	0.12	0.13	0.14	0.14	0.14	0.14					
		Sones	8.4	8.4	8.4	8.1	7.9	7.8					
	1265	CFM	1535	1460	1384	1299	1204	1093	950				
		BHP	0.16	0.17	0.18	0.19	0.19	0.20	0.19				
		Sones	10.2	10.1	10.1	9.9	9.7	9.6	9.4				
1/3	1395	CFM	1692	1625	1557	1484	1404	1315	1214	907			
		BHP	0.21	0.23	0.24	0.25	0.26	0.26	0.26	0.24			
		Sones	12.5	12.4	12.3	12.2	12.0	11.7	11.5	11.3			
	1475	CFM	1789	1726	1661	1594	1521	1441	1356	1132			
		BHP	0.25	0.27	0.28	0.29	0.30	0.31	0.31	0.31			
		Sones	13.5	13.4	13.3	13.2	13.0	12.7	12.4	12.0			
1/2	1550	CFM	1880	1820	1759	1696	1629	1555	1475	1289	974		
		BHP	0.29	0.31	0.32	0.33	0.34	0.35	0.36	0.36	0.33		
		Sones	14.6	14.5	14.3	14.2	14.0	13.8	13.5	12.9	12.4		
	1635	CFM	1983	1926	1868	1810	1747	1680	1608	1446	1231		
		BHP	0.34	0.36	0.37	0.39	0.40	0.41	0.42	0.43	0.41		
		Sones	15.9	15.8	15.6	15.4	15.3	15.0	14.8	13.9	13.4		
A-1/2	1725	CFM	2093	2038	1984	1928	1871	1810	1743	1600	1426	1180	
		BHP	0.40	0.42	0.44	0.45	0.46	0.47	0.48	0.50	0.50	0.47	
		Sones	17.4	17.2	17.0	16.8	16.7	16.4	16.2	15.5	14.9	14.0	

MAXIMUM BHP AT A GIVEN RPM = (RPM/2170)<sup>3</sup>  
 MAXIMUM RPM = 1725  
 TIP SPEED (ft/min) = RPM x 3.420  
 MAXIMUM MOTOR FRAME SIZE = 56

Performance certified is for installation type A: Free inlet, Free outlet. Power rating (BHP) does not include transmission losses. Performance ratings include the effects of a birdscreen. The sound ratings shown are loudness values in hemispherical 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.