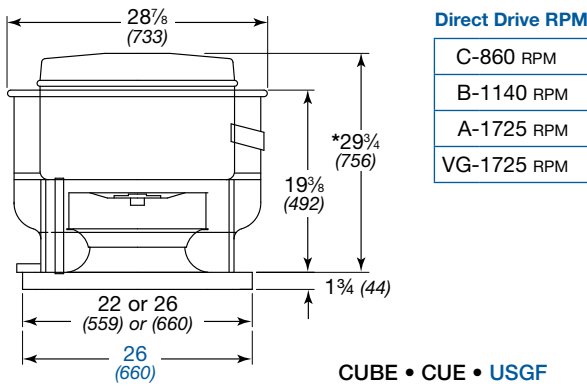


Roof Upblast/Sidewall Exhaust

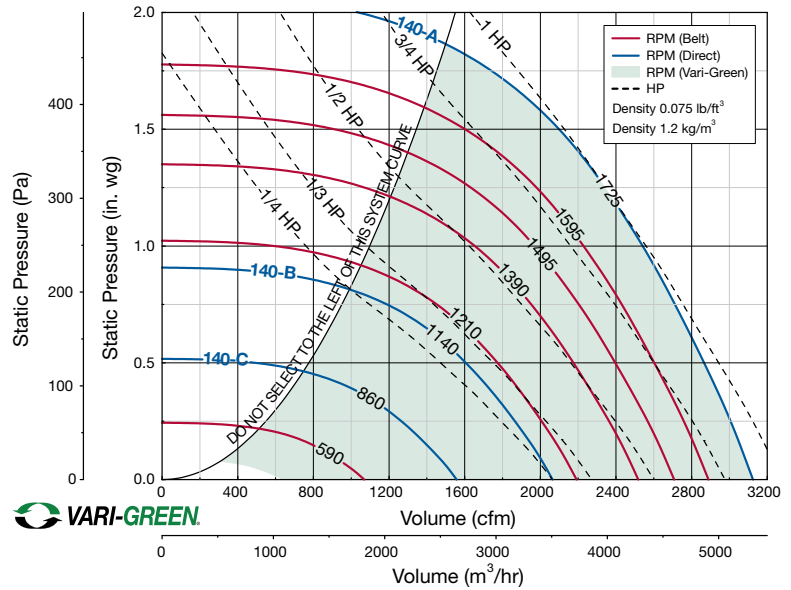
Size-140: CUBE • CUE • USGF

Previously Size-141



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	USGF
^Approximate Weight	84 (38)	90 (41)	125 (57)
Damper Size	16 x 16 (406 x 406)		N/A
Roof/Wall Opening	18½ x 18½ (470 x 470)		
Wall Opening with a Curb Through Wall	22 x 22 (559 x 559)		N/A
	26 x 26 (660 x 660)		N/A



Motor HP	Fan RPM	Static Pressure in Inches wg																							
		0	0.125	0.25	0.375	0.5	0.75	1	1.25	1.50	1.75														
140																									
1/4	VG-3/4 or 1	590	CFM	1069	851																				
			BHP	0.04	0.04																				
		Sones	5.0	4.5																					
		725	CFM	1313	1151	917																			
			BHP	0.06	0.07	0.07																			
		Sones	5.1	5.0	4.4																				
	C-1/8	860	CFM	1558	1427	1264	1034																		
			BHP	0.11	0.12	0.12	0.12																		
	Sones	7.3	7.5	7.1	6.5																				
	1/3	B-1/4	1105	CFM	2001	1906	1793	1667	1515	998															
				BHP	0.23	0.24	0.25	0.26	0.26	0.23															
			Sones	10.9	10.8	10.6	10.3	10.0	9.6																
1140			CFM	2065	1973	1864	1745	1605	1167																
			BHP	0.25	0.26	0.27	0.28	0.29	0.27																
Sones			11.3	11.3	11.0	10.7	10.3	10.0																	
1210	CFM	2192	2106	2006	1896	1773	1443																		
	BHP	0.30	0.31	0.32	0.33	0.34	0.34																		
Sones	12.2	12.2	11.7	11.6	11.2	10.9																			
1/2	VG-1	1390	CFM	2518	2445	2362	2271	2174	1949	1643															
			BHP	0.45	0.47	0.48	0.50	0.51	0.52	0.51															
		Sones	14.9	14.7	14.2	13.2	12.9	12.1	11.0																
		1495	CFM	2708	2640	2565	2483	2396	2202	1967	1617														
			BHP	0.56	0.58	0.60	0.61	0.62	0.64	0.65	0.61														
		Sones	17.2	16.5	16.3	15.6	13.9	12.5	12.2	10.8															
1550	CFM	2808	2743	2671	2594	2509	2329	2110	1823	1349															
	BHP	0.63	0.64	0.66	0.68	0.69	0.71	0.72	0.70	0.62															
Sones	18.7	17.8	17.5	17.7	14.9	12.9	12.5	11.6	10.2																
1595	CFM	2889	2826	2757	2683	2602	2430	2225	1968	1568															
	BHP	0.69	0.70	0.72	0.74	0.75	0.77	0.79	0.78	0.71															
Sones	20.0	19.0	18.5	19.5	16.1	13.3	12.3	12.6	11.6																
1	A-1	1725	CFM	3124	3066	3005	2936	2865	2711	2539	2085	1704													
			BHP	0.87	0.88	0.90	0.92	0.94	0.97	0.99	1.00	0.98	0.91												
			Sones	26.0	23.0	22.0	24.0	24.0	15.1	13.4	14.3	13.8	13.8												

MAXIMUM BHP AT A
 GIVEN RPM = (RPM/1726)³
 MAXIMUM RPM = 1725
 TIP SPEED (ft/min) = RPM x 3.829
 MAXIMUM MOTOR FRAME SIZE = 145T
 AVERAGE DISCHARGE VELOCITY
 (FPM) = CFM/1.72

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.