



SKU
CUBE-180HP-LMDG-QD

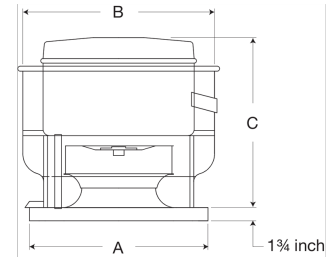
Job Name:
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Submitted By:
Date: 06/17/2019

Centrifugal Upblast Exhaust Fan, Model CUBE-180HP, Belt Drive, Less Motor & Drive Package, 1469-4752 CFM



The CUBE is an aluminum exhaust fan specifically designed for roof or sidewall mounted applications where contaminated or grease laden exhaust air can be discharged directly upward, away from the roof or wall surface. The fans feature a one piece windband continuously welded to curb cap and double studded isolators for true vibration isolation.

- Windband is continually welded to the curb cap and drain trough for leakproof construction
- Centrifugal wheel provides high-efficiency and minimal sound
- One-piece aluminum windband with rolled bead provides extra rigidity
- Cooling fins located on top of fan wheel draw outside air through a large breather tube directly into the motor compartment extending motor life
- Wall or roof mountable

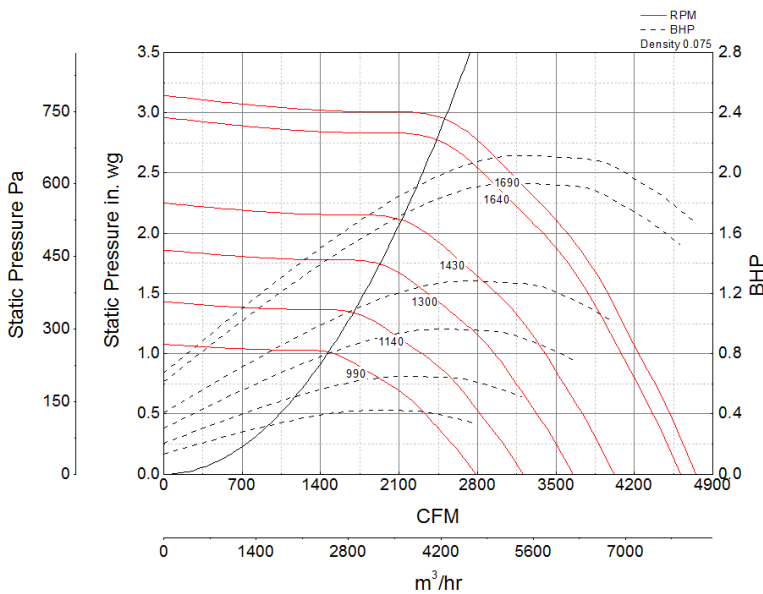


A	B	C
30 in	35.375 in	28.625 in

Certifications

AMCA Sound & Air
High Wind and Hurricane
Seismic
UL/cUL 762

Performance Characteristics



Note: The maximum FRPM for each motor horsepower is shown. For additional performance ranges available for this fan, refer to the performance table.

Construction Features

Drive Type	Belt Drive
Impeller Type	Centrifugal Wheel
Impeller Material	Aluminum
Housing Material	Spun Aluminum
Includes	Disconnect switch
Max Inlet Temp	400 °F
Certifications	AMCA Sound & Air High Wind and Hurricane Seismic UL/cUL 762
Drive Package Description	No drive package included
Required Accessory	Roof curb for new roof installations

Motor Information

Motor Included	No
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Air and Sound Performance

Motor HP	Max BHP	Max Fan RPM	Min Fan RPM	Ps (in. wg)	0	0.125	0.25	0.375	0.5	0.625	0.75	0.875	1	1.25	1.5	1.75	2	2.25	2.5	2.75			
1/3	0.42	990	830	CFM	2,783	2,680	2,576	2,454	2,335	2,188	1,999	1,775	1,469	-	-	-	-	-	-	-	-		
				Sone _s	13.4	13.2	12.7	12.3	12.2	11.7	11.3	11	10.6	-	-	-	-	-	-	-	-	-	-
1/2	0.34	920	830	CFM	2,587	2,476	2,358	2,228	2,086	1,899	1,661	-	-	-	-	-	-	-	-	-	-	-	
				Sone _s	11.9	11.9	11.4	10.9	10.7	10.4	9.8	-	-	-	-	-	-	-	-	-	-	-	-
1/2	0.65	1140	920	CFM	3,205	3,116	3,026	2,929	2,823	2,720	2,604	2,470	2,294	1,886	-	-	-	-	-	-	-	-	
				Sone _s	16.8	16.1	15.5	14.9	14.6	14.5	13.9	13.2	13.1	12.8	-	-	-	-	-	-	-	-	-
3/4	0.49	1040	860	CFM	2,924	2,826	2,728	2,614	2,500	2,374	2,226	2,023	1,798	-	-	-	-	-	-	-	-	-	-
				Sone _s	14.8	14.4	13.8	13.3	13.4	12.9	12.1	12	11.9	-	-	-	-	-	-	-	-	-	-
3/4	0.96	1300	1040	CFM	3,655	3,577	3,498	3,419	3,331	3,238	3,147	3,057	2,946	2,681	2,344	-	-	-	-	-	-	-	-
				Sone _s	20	19.5	18.9	18.3	17.7	17.2	16.8	16.6	16.3	15.8	15.2	-	-	-	-	-	-	-	-
1	0.66	1150	920	CFM	3,233	3,145	3,056	2,960	2,855	2,753	2,640	2,508	2,339	1,941	-	-	-	-	-	-	-	-	-
				Sone _s	16.9	16.3	15.6	15	14.7	14.6	14.1	13.4	13.2	12.8	-	-	-	-	-	-	-	-	-
1	1.28	1430	1150	CFM	4,021	3,949	3,878	3,806	3,735	3,651	3,566	3,484	3,401	3,206	2,964	2,669	2,320	-	-	-	-	-	-
				Sone _s	24	24	23	23	22	22	21	20	20	19.6	19.2	18.8	18.2	-	-	-	-	-	-
1 1/2	1.01	1320	1060	CFM	3,711	3,634	3,557	3,479	3,394	3,302	3,212	3,123	3,020	2,772	2,450	2,072	-	-	-	-	-	-	-
				Sone _s	21	20	19.6	19	18.4	17.8	17.4	17.1	16.9	16.4	15.8	15.2	-	-	-	-	-	-	-
1 1/2	1.93	1640	1320	CFM	4,611	4,549	4,486	4,424	4,362	4,300	4,229	4,156	4,082	3,938	3,784	3,599	3,371	3,114	2,819	-	-	-	-
				Sone _s	28	28	27	27	26	26	25	24	25	24	23	22	22	21	20	-	-	-	-
2	1.08	1350	1240	CFM	3,796	3,720	3,644	3,569	3,487	3,398	3,309	3,222	3,130	2,904	2,594	2,238	-	-	-	-	-	-	-
				Sone _s	22	21	21	20	19.5	18.8	18.3	18	17.8	17.3	16.8	16.1	-	-	-	-	-	-	-
2	2.11	1690	1350	CFM	4,752	4,691	4,631	4,570	4,510	4,449	4,385	4,313	4,242	4,101	3,962	3,786	3,597	3,348	3,088	2,793	-	-	-
				Sone _s	29	29	29	28	28	27	27	26	26	27	25	24	23	22	21	21	-	-	-