

Century Fan & Ventilator Co.

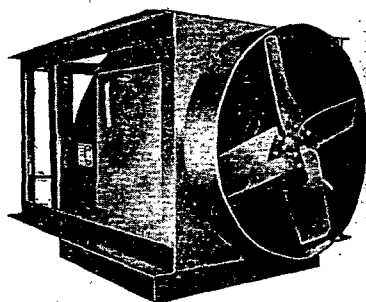
45 Cedar Street
Stamford, Conn.

CENTURY INDUCED DRAFT FAN

For Low and High Pressure Heating Plants. A mechanical device for creating a uniform draft regardless of weather conditions, resulting in complete combustion with high CO₂ content.

For installation in breeching in any position.

Eliminates high unsightly chimneys.



Fan No.	hp	rpm	70°	S/P	Oil Burning Rate—gal hr	Inlet	Outlet
MD1A 18	1/4	1725	2000 cfm	1/2"	20	20" x 20"	19"
MD1B 18	1/4	1725	2700 cfm	3/4"	27	20" x 20"	19"
MD1 21	1/4	1725	4500 cfm	5/8"	45	23" x 23"	22"
MD1 24	1	1725	5800 cfm	3/4"	58	26" x 26"	25"
MD1 27	1 1/2	1725	7300 cfm	3/4"	73	29" x 29"	28"

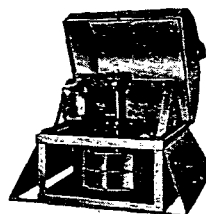
Complete with totally enclosed motor, stainless steel fan, 10 gage welded housing, manual speed controller magnetic starter.

CENTURY CYCLONE ROOF FAN

Dynamically and statically balanced, compact and systematically designed. Very quiet and efficient. Ideal for school and hospital buildings.

Copper, galvanized and aluminum housing.

Rated in accordance with test code as adopted by NAFM and ASHVE.



BELT DRIVE

Fan Size	Fan rpm	Motor hp	Fan Tip Speed	CFM Free Air	STATIC PRESSURE				
					cfm 1/4"	cfm 1/2"	cfm 3/4"	cfm 1"	cfm 1 1/4"
16	1350	1/4	5290	1640	1585	1520	1335	1300	1125
	980	1/4	3850	1270	1160	1000	725	590	
19	1070	1/4	6040	2620	2525	2390	2250	2050	1760
	900	1/4	4230	2380	2200	2100	1825	1550	1250
22	850	1/2	4650	3640	3500	3350	3160	2925	2550
	750	1/2	4120	3250	3100	2870	2660	2050	1485
25	790	3/4	4960	4840	4450	4200	3900	3680	3250
	595	3/4	3730	4200	3975	3975	3450	3160	2650
28	620	3/4	4390	5860	5650	5360	4930	4300	3620
	490	1 1/2	3160	5250	4950	4520	4100	3460	2930
31	590	1	4640	6920	6730	6330	6200	5540	4950
	450	3/4	3540	6300	6100	5750	5400	4970	3920
34	500	1 1/2	4330	8400	8250	7990	7500	6850	5885
	450	1	3890	8160	8000	7590	7000	5900	4850
37	500	1 1/2	4710	10200	9900	9500	9200	8250	7200
	390	1	3675	9100	8650	7900	6900	6230	5000
43	400	2	4390	14800	14500	13900	12800	12000	9000
	340	1 1/2	3730	12500	12250	11700	10200	7800	13000
50	350	3	4480	19000	18500	17900	16400	14800	13000
	300	2	3850	16600	16500	15000	13800	11700	9000
56	300	3	4310	23400	22600	21700	20500	18700	16200
	250	2	3600	19600	18500	17400	15700	12000	
62	280	3	4450	26700	25400	24200	23000	21800	18900
	240	2	3830	23600	22500	21200	19150	15000	12500

For quiet operation select fans with Tip Speed 4500 or lower.

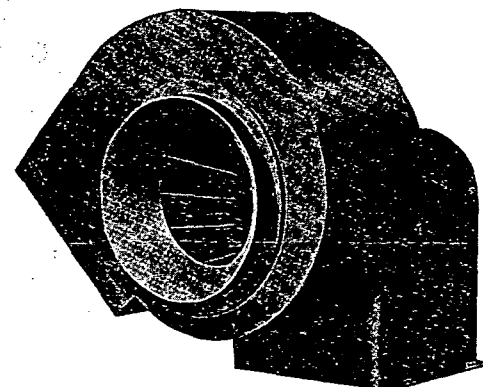
CHAMPION BLOWER & FORGE CO.

Lancaster, Pa.

Address Correspondence to Div. 9

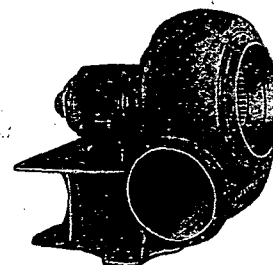
Manufacturers of Blowers, Ventilating Fans and Exhaust
Fans for handling air, material and fumes

Representatives in Principal Cities

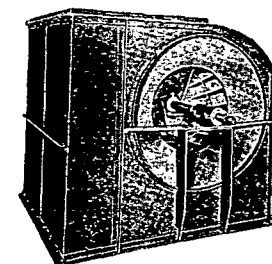


CHAMPION TYPE "D" VENT SETS

For general ventilation of all types equipped with backward curved non overloading wheels up to 30 in. diameter, furnished complete with electric motor, adjustable drive and weather proof covers if required.



Champion Cast Iron Housed Fans of various types for fume hood exhaust and for handling corrosive gases. Can be equipped with either plain steel or non ferrous blast wheels, interior of housing and wheel can be covered with special corrosive resisting coating.



Champion Forward and Backward Curve Ventilating Fans and Exhaust Blowers manufactured in sizes up to 60 in. dia. Fans also furnished in all standard arrangements with Ball, Babbitted or Water Cooled Bearings as required.