

Wall Exhaust Fans

MODEL 800 – INDUSTRIAL EXHAUST FAN – BELT DRIVE

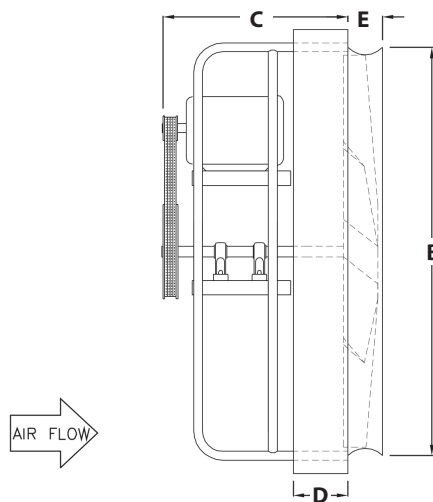
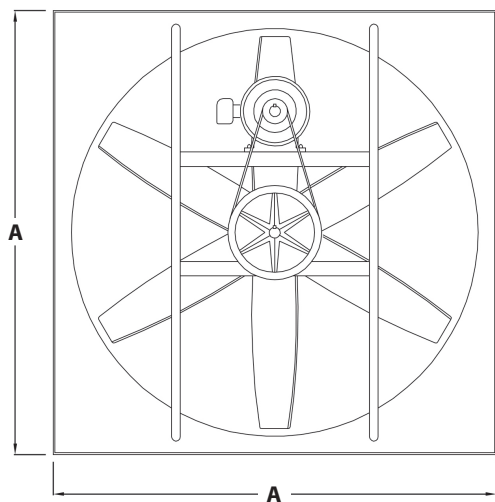


APPLICATION

Designed to move large volumes of ambient air at low static pressures. Excellent for general ventilation in factories and warehouses for continuous duty applications.

FEATURES AND BENEFITS

- Heavy duty shaft and relubricatable bearings provide many years of reliable service.
- Rugged 4-blade fabricated steel propellers.
- All welded motor and bearing support structure.
- Available for exhaust or intake air applications.
- High quality industrial grade motors available in single or three phase, totally enclosed fan cooled.
- Suitable for use in hazardous locations with the optional cast aluminum propeller and explosion proof motor.



*Fan shown in exhaust configuration.

DIMENSIONS (subject to change without notice)

MODEL	A	B	C	D	E	HP
824	30"	25 1/2"	20"	2 3/4"	3 1/2"	1/4-1
830	36"	31 1/2"	20"	2 3/4"	3 1/2"	1/4-1 1/2
836	42"	37 1/2"	22"	2 3/4"	4"	1/3-2
842	48"	44"	24"	2 3/4"	4 1/4"	1/3-3
848	54"	50 1/2"	25"	2 3/4"	4 1/2"	1/2-5
854	60"	56 1/2"	26"	2 3/4"	4 3/4"	3/4-5
860	66"	62"	28"	2 3/4"	5"	1-5
872	80 1/2"	76"	28 1/2"	2 3/4"	6 1/2"	3-15

MODEL 800 – INDUSTRIAL EXHAUST FAN – BELT DRIVE PERFORMANCE DATA

Blade Dia.	Model	Prop	HP	RPM	Free Air	CAPACITY C.F.M.			
						1/8" SP	1/4" SP	3/8" SP	1/2" SP
24"	824-1/4	S-24	1/4	780	4900	4222	2807	1576	800
	824-1/2	S-24	1/2	980	6219	5716	5061	4043	2600
	824-3/4	S-24	3/4	1140	7090	6648	6144	5518	4413
	824-1	X-24	1	1250	7180	6696	6271	5600	4464
30"	830-1/4	S-30	1/4	540	7178	5327	2611	991	-
	830-1/3	S-30	1/3	595	7909	6380	3617	1808	767
	830-1/2	S-30	1/2	640	8507	7170	4486	2724	1373
	830-3/4	S-30	3/4	770	10235	9192	7657	5108	3833
	830-1	X-30	1	975	10668	9959	8626	6828	5184
	830-1 1/2	X-30	1 1/2	1140	12473	11867	11112	9656	8135
36"	836-1/3	S-36	1/3	460	9113	6992	3722	1825	486
	836-1/2	S-36	1/2	530	10500	8821	5985	3642	2084
	836-3/4	S-36	3/4	605	11985	10583	8563	5545	4017
	836-1	S-36	1	665	13174	11932	10299	7913	5729
	836-1 1/2	X-36	1 1/2	720	13660	12012	9579	7240	5000
	836-2	X-36	2	870	16554	15376	14088	11942	9691
42"	842-1/3	S-42	1/3	335	10614	8042	4263	2620	-
	842-1/2	S-42	1/2	390	12343	9352	4957	3050	1642
	842-3/4	S-42	3/4	435	14040	11530	7633	4847	3311
	842-1	S-42	1	490	15429	13194	10438	6414	4668
	842-1 1/2	S-42	1 1/2	550	17420	15421	13117	9980	7289
	842-2	X-42	2	725	20653	19128	17503	15264	11319
	842-3	X-42	3	830	23645	22296	20984	19406	17290
48"	848-1/2	S-48	1/2	330	15230	10800	4721	2175	-
	848-3/4	S-48	3/4	370	17339	13700	7389	4283	2244
	848-1	S-48	1	410	19188	16078	10908	6378	4037
	848-1 1/2	S-48	1 1/2	465	21731	19010	14991	10950	7081
	848-2	X-48	2	520	24274	21943	19080	15532	10125
	848-3	X-48	3	680	28150	25683	23615	20820	16930
54"	854-3/4	X-54	3/4	350	19700	17573	14938	9935	-
	854-1	X-54	1	410	23130	20588	17500	11640	9600
	854-1 1/2	X-54	1 1/2	450	25400	22600	19300	12782	10316
	854-2	X-54	2	480	27200	24312	20660	13642	11010
	854-3	X-54	3	550	31213	28722	25830	21730	15420
	854-5	X-54	5	660	37458	35238	32843	30298	26538
60"	860-1	X-60	1	280	23090	19161	12850	-	-
	860-1 1/2	X-60	1 1/2	340	28068	23283	15624	11434	8000
	860-2	X-60	2	390	32200	26710	17924	13118	9380
	860-3	X-60	3	450	37183	32356	25324	18705	15013
	860-5	X-60	5	540	44600	41232	35819	29000	23237
72"	872-3	X-72	3	310	41666	33089	22516	-	-
	872-5	X-72	5	372	50026	43458	33391	24937	-
	872-7 1/2	X-72	7 1/2	429	57686	52256	45034	37057	28586
	872-10	X-72	10	474	63721	59000	52852	44423	-
	872-15	X-72	15	544	73203	69341	64343	58635	50696

OPTIONAL ACCESSORIES

- Front & rear OSHA compliant guards
- All aluminum gravity exhaust shutter
- Motorized exhaust or intake shutter
- Fan & shutter mounting box
- Weatherhood with birdscreen