



AmeriCRAFT
MANUFACTURING CO. INC.
INDUSTRIAL VENTILATING & EXHAUST FANS

Wall Exhaust Fans

MODEL 600/700 – COMMERCIAL DUTY EXHAUST FAN – BELT DRIVE

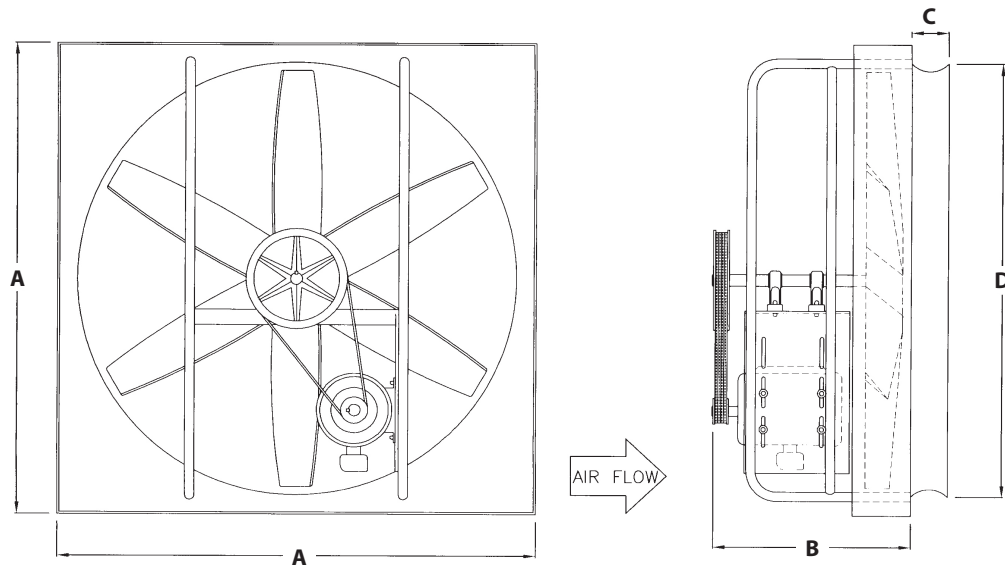


APPLICATION

Economical fans for light duty general exhaust requirements. Well suited for factory or warehouse ventilation.

FEATURES AND BENEFITS

- Heavy duty 4-blade fabricated steel propellers standard.
- Sealed pillow block ball bearings.
- Fans shipped fully assembled and factory tested; ready for field installation.
- Motors are high quality industrial grade available in single or three phase - totally enclosed fan cooled.
- Belt driven for quiet operation.
- Suitable for intake or exhaust air flow.



*Fan shown in exhaust configuration.

DIMENSIONS (subject to change without notice)

MODEL	A	B	C	D	HP
624	30"	18"	3 1/2"	25 1/2"	1/3-1
630	36"	18"	3 1/2"	31 1/2"	1/3-1
636	42"	20"	4"	37 1/2"	1/3-1
642	48"	20"	4 1/4"	44"	3/4-1 1/2
648	54"	22"	4 1/2"	50 1/2"	3/4-1 1/2

MODEL	A	B	C	D	HP
736	42"	20"	4"	37 1/2"	1 1/2-2
742	48"	20"	4 1/4"	44"	2-3
748	54"	22"	4 1/2"	50 1/2"	2-5
760	66"	28"	5"	62"	2-5

MODEL 600/700 – COMMERCIAL DUTY EXHAUST FAN – BELT DRIVE PERFORMANCE DATA

Blade Dia.	Model	HP	RPM	Free Air	CAPACITY C.F.M.			
					1/8" SP	1/4" SP	1/2" SP	3/4" SP
24"	624-1/3	1/3	825	5300	4700	3800	2200	1400
	624-1/2	1/2	925	6200	5700	5000	4000	2600
	624-3/4	3/4	1050	7000	6600	6000	4400	3000
	624-1	1	1175	7800	7400	6900	5700	3500
30"	630-1/3	1/3	570	7500	6000	3400	700	-
	630-1/2	1/2	625	8500	7100	4400	2700	1300
	630-3/4	3/4	725	10000	9100	7600	5100	1800
	630-1	1	825	11000	10400	9300	5500	2800
36"	636-1/3	1/3	425	9000	6800	3500	500	-
	636-1/2	1/2	500	10500	8800	5900	3600	2000
	636-3/4	3/4	575	11900	10500	8500	5500	4000
	636-1	1	650	13100	11800	10200	6900	5000
	736-1 1/2	1 1/2	750	15000	13500	12500	8500	5500
	736-2	2	830	16500	15500	14500	11000	7000
42"	642-3/4	3/4	430	14000	11500	7600	4800	3300
	642-1	1	490	15400	13100	10400	6400	4600
	642-1 1/2	1 1/2	550	17200	15300	12400	7900	5300
	742-2	2	620	19400	17500	15600	9700	6000
	742-3	3	700	22000	20500	19000	15000	8000
48"	648-3/4	3/4	350	17000	12000	7000	2000	-
	648-1	1	400	19100	16000	10900	6400	4000
	648-1 1/2	1 1/2	460	22000	19000	14000	10000	6000
	748-2	2	520	24000	22000	18000	12000	7500
	748-3	3	590	27500	25000	22500	16000	9000
	748-5	5	660	30500	28500	26000	21000	13000
60"	760-2	2	320	31000	26000	16000	7000	-
	760-3	3	370	35000	31000	23000	11000	-
	760-5	5	420	39000	35000	29000	18000	-

OPTIONAL ACCESSORIES

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

Wall Exhaust Fans

MODEL 800 – INDUSTRIAL EXHAUST FAN – BELT DRIVE

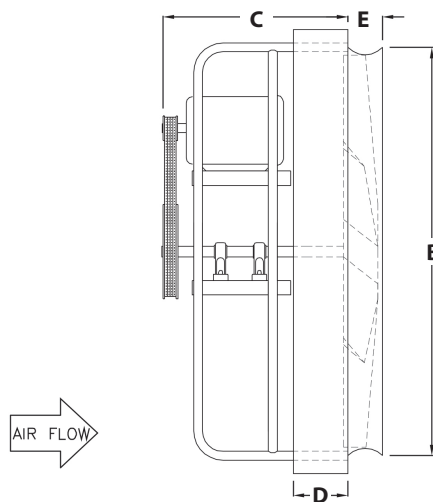
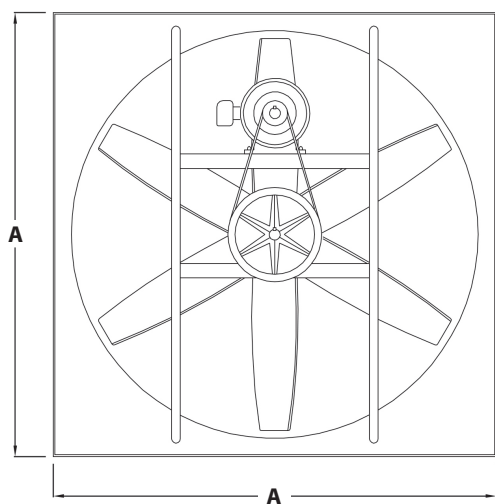


APPLICATION

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

Wall Exhaust Fans

MODEL 900 – INDUSTRIAL EXHAUST FAN – DIRECT DRIVE

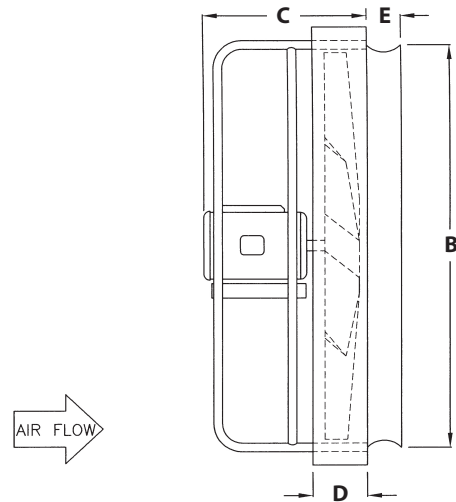
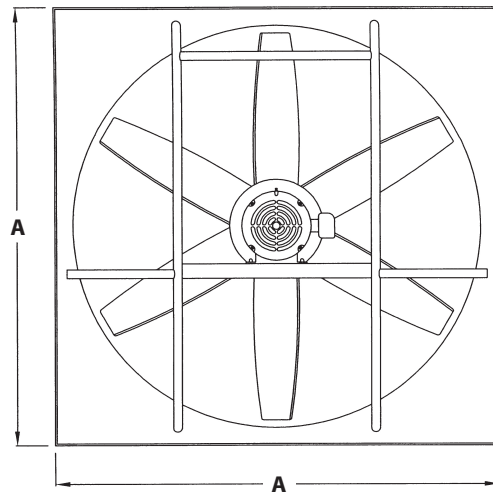


APPLICATION

Excellent for use in higher static pressure applications in factories, warehouses and mills for fume, smoke or dust removal. Provides dependable performance with little maintenance.

FEATURES AND BENEFITS

- Cast aluminum spark resistant propellers standard.
- Suitable for use in hazardous environments with the addition of an explosion proof motor.
- More CFM per dollar spent than belt driven fan.
- Low maintenance.
- Lighter weight than belt driven units – facilitates installation.
- Heavy duty spun venturi panel with rugged all welded motor support structure.
- Available for exhaust or intake air applications.



*Fan shown in exhaust configuration.

DIMENSIONS (subject to change without notice)

MODEL	A	B	C	D	E	HP
912	16"	13"	11"	1"	1 1/4"	1/4
916	20"	17 1/2"	11"	1"	2 1/4"	1/4
918	24"	19 1/2"	13"	1"	2 1/2"	1/3-1/2
920	24"	21 1/2"	13"	1"	2 3/4"	1/4-1
924	30"	25 1/2"	15"	2 3/4"	3 1/2"	1/4-3
930	36"	31 1/2"	15"	2 3/4"	3 1/2"	1/3-3
936	42"	37 1/2"	15"	2 3/4"	4"	1-5
942	48"	44"	18"	2 3/4"	4 1/4"	1-5
948	54"	50 1/2"	20"	2 3/4"	4 1/2"	3-5
954	60"	56 1/2"	22"	2 3/4"	4 3/4"	3-10
960	66"	62"	22"	2 3/4"	5"	5-10

MODEL 900 – INDUSTRIAL EXHAUST FAN – DIRECT 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	3/4" SP	1" SP	1-1/4" SP	1- 1/2" SP
12"	912-1/4	CA101	1/4	1725	1180	930	520	-	-	-	-	-	-
16"	916-1/4	CA159	1/4	1725	2800	2400	2000	1400	700	-	-	-	-
	L-916-1/4	CA160	1/4	1140	2100	1700	500	-	-	-	-	-	-
18"	918-1/3	CA232	1/3	1725	3375	3000	2600	2000	1400	-	-	-	-
	918-1/2	CA161	1/2	1725	4150	3850	3150	2800	1700	-	-	-	-
20"	L-920-1/4	CA184	1/4	1140	2800	2560	2380	1400	-	-	-	-	-
	920-1/4	CA149	1/4	1725	3720	3160	2510	1650	-	-	-	-	-
	920-1/2	CA148	1/2	1725	4800	4450	3950	3340	2500	-	-	-	-
24"	920-1	CA180	1	1725	6900	6600	6200	5900	5500	3700	850	-	-
	924-1/4	CA130	1/4	1725	5200	4200	2820	1050	-	-	-	-	-
	L-924-1/3	CA109	1/3	1140	4975	4690	4250	3920	2850	-	-	-	-
	924-1/2	CA108	1/2	1725	6510	5880	5200	4150	3100	1800	-	-	-
	L-924-1/2	CA236	1/2	1140	6840	6100	5170	1900	-	-	-	-	-
	924-3/4	CA173	3/4	1725	6900	6510	5900	5440	4650	2750	-	-	-
	L-924-3/4	CA114	3/4	1140	6900	6450	6265	5600	3300	-	-	-	-
	924-1	CA109	1	1725	7425	7000	6350	5850	5000	3300	1775	-	-
	924-2	CA162	2	1725	9525	9196	8810	8360	7980	6960	3000	-	-
	924-3	CA114	3	1725	10500	9800	9500	9100	8700	7800	5000	3600	-
30"	L-930-1/3	CA167	1/3	1140	6950	5550	3900	1500	-	-	-	-	-
	930-1/2	CA112	1/2	1725	8980	7650	6300	5400	4350	2300	-	-	-
	L-930-1/2	CA132	1/2	1140	7500	6150	4400	2200	-	-	-	-	-
	L-930-3/4	CA113	3/4	1140	10440	9750	8750	7640	6000	-	-	-	-
	LL-930-1	CA115	1	870	10640	10450	9800	9000	7900	-	-	-	-
	930-1 1/2	CA132	1 1/2	1725	12000	11250	10450	9600	8700	6700	-	-	-
	L-930-1 1/2	CA127	1 1/2	1140	13350	12500	11450	10200	8000	5000	-	-	-
	L-930-2	CA115	2	1140	14000	13750	12900	11850	10450	2500	-	-	-
930-3	CA113	3	1725	16000	15350	14700	13850	12900	10200	8000	6000	-	
36"	L-936-1	CA134	1	1140	13600	12000	11100	9000	7500	2800	-	-	-
	LL-936-2	CA163	2	870	17600	16500	15200	13620	11400	-	-	-	-
	L-936-2	CA117	2	1140	17620	16500	15200	13620	12300	8500	-	-	-
	L-936-3	CA221	3	1140	20500	19500	18500	17100	15850	11600	6500	-	-
	936-5	CA117	5	1725	23000	22150	21100	20200	19000	18100	16400	14500	6000
42"	L-942-2	CA165	2	1140	17964	17277	15326	13990	12351	7600	-	-	-
	L-942-3	CA239	3	1140	24500	23150	23000	22000	19650	14000	10000	-	-
	L-942-5	CA119	5	1140	28970	27960	26840	25700	24200	19500	13800	2000	-
	LL-942-1	CA165	1	870	15800	15200	13480	12310	5800	900	-	-	-
	LL-942-2	CA119	2	870	22040	21000	20500	18500	15000	6000	-	-	-
48"	L-948-3	CA137	3	1140	28600	26500	24400	22000	20000	15900	11000	-	-
	L-948-5	CA185	5	1140	32000	30493	28900	27173	25432	21054	14985	7100	-
	LL-948-3	CA139	3	870	28700	26500	24200	21600	18500	10000	-	-	-
	LL-948-5	CA138	5	870	33000	31500	29750	27650	25300	18000	-	-	-
60"	L-960-5	CA142	5	1140	45000	41000	37000	33500	28500	16000	2500	-	-
	LL-960-5	CA169	5	870	45200	41500	37000	33000	26000	14000	-	-	-
	LL-960-7 1/2	CA228	7 1/2	870	47000	45500	43600	41000	38700	33000	24000	-	-
	LL-960-10	CA143	10	870	57200	54400	51000	48500	45000	38000	29500	-	-

NOTE: Consult factory for Model 954 performance data.

OPTIONAL ACCESSORIES

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

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