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FANS

HIGH EFFICIENCY DIRECT DRIVE FANS



Patented
 2 x 4 Propeller

- Galvanized Construction - Corrosion resistant, long lasting.
- Cambered Twist Propeller - High airflow, low energy cost, high CFM/Watt.
- Totally Enclosed Motor - Gasketed and shielded against dust and moisture.
- Premounted in wood or galvanized metal box - Easy handling and fast installation with wire screens on both sides.
- Vertical Support Frame - Maintains proper alignment.
- Motor Wire Leads for quick hook-up or prewired.
- Quiet Operation.
- Direct Drive - No drive losses, no belts to slip.

Acme's precise engineering has matched cambered twist propellers with continuous duty motors to form high air flow and low energy consumption fans. Combined with corrosion resistant galvanized orifices and frames, these fans offer the user maintenance free, long lasting equipment suited for use in agriculture environments.

FAN SIZE	MODEL	**RPM	HP	CFM VS STATIC PRESSURE (INCHES WG)														
				.000"			.050"			.100"			.125"			.150"		
				CFM	BHP	C/W	CFM	BHP	C/W	CFM	BHP	C/W	CFM	BHP	C/W	CFM	BHP	C/W
Fan With Slant Housing, Shutter, Guard (1 X 2)																		
*24"	AGD24G6-A	1082	1/2	5412	.46	10.1	5183	.47	9.6	4949	.48	9.1	4828	.48	8.8	4702	.48	8.5
*30"	AGD30G6-A	1125	1/2	7474	.43	15.4	7115	.45	14.3	6746	.46	13.3	6554	.47	12.7	6356	.47	12.2
36"	AGD36G8-A	850	1/2	10659	.51	18.3	10000	.53	16.3	9343	.55	14.6	9006	.56	13.7	8651	.57	12.9
42"	AGD42J8-A	830	1	15493	1.02	14.0	14537	1.04	12.9	13507	1.06	11.7	12943	1.07	11.1	12382	1.08	10.5
48"	AGD48J8-A	830	1	19515	1.01	18.3	18310	1.03	16.8	16999	1.05	15.2	16264	1.06	14.4	15469	1.07	13.6
A Models - Performance includes the effects of slant housing, shutter and guard in the airstream.																		
Fan With Slant Housing, Shutter, Outlet Guard, Diffuser Cone																		
*24"	AGD24G6-C	1082	1/2	5703	.45	11.0	5444	.45	10.4	5178	.46	9.7	5041	.47	9.3	4899	.48	9.0
*30"	AGD30G6-C	1125	1/2	7675	.41	16.6	7321	.43	15.3	6931	.45	14.0	6701	.45	13.4	6442	.46	12.7
36"	AGD36G8-C	850	1/2	11366	.48	20.3	10609	.51	18.1	9842	.53	16.0	9446	.55	14.9	9027	.56	13.9
42"	AGD42J8-C	830	1	16915	.98	15.8	15895	1.01	14.4	14739	1.04	13.0	14114	1.05	12.3	13382	1.06	11.5
48"	AGD48J8-C	830	1	22120	.94	21.7	20764	.98	19.4	19179	1.02	17.3	18252	1.04	16.1	17327	1.05	15.1
C Models - Performance includes the effects of slant housing, outlet guard and diffuser cone in the airstream.																		
Fan With Metal Box, 2 Guards (1 X 2 - Both Sides)																		
*24"	AGD24G6-E	1082	1/2	5909	.45	11.4	5620	.46	10.6	5337	.47	9.9	5200	.48	9.5	5062	.48	9.2
*30"	AGD30G6-E	1125	1/2	7726	.39	16.5	7332	.41	15.2	6930	.43	13.8	6722	.44	13.2	6508	.45	12.5
36"	AGD36G8-E	850	1/2	11242	.48	20.1	10562	.51	17.8	9839	.54	15.8	9437	.55	14.8	8975	.57	13.6
42"	AGD42J8-E	830	1	16335	.98	15.4	15290	1.00	14.0	14225	1.03	12.7	13682	1.03	12.1	13137	1.04	11.5
48"	AGD48J8-E	830	1	19682	.96	18.9	18414	.99	17.1	17110	1.01	15.5	16427	1.02	14.7	15705	1.03	14.0
E Models - Performance includes the effects of inlet and outlet guards in the airstream.																		

Performance shown is for type A - Free Inlet, Free Outlet.
 **Speed (RPM or RPS) shown is nominal. Performance based on actual speed of test.
 * Suitable for variable speed. See Brochure B113 for controllers.
 Refer to Motor Table (Page 2) for motor nameplate information.

MOTOR TABLE

Fan	Manufacturer	Mfg. Model	Voltage	Hz	Manufacturer	Mfg. Model	Voltage	Hz	Manufacturer	Mfg. Model	Voltage	Hz
AGD24	General Electric	5KCP39SGL131S	115/230	60	Marathon	48A11T552B	115/230	60				
AGD30	General Electric	5KCP39SGL131S	115/230	60	Marathon	48A11T552B	115/230	60				
AGD36	Fasco	7128-0221	115/230	60	Fasco	7138-0005	115/230	60				
AGD42	Emerson	K63ZZEER-4570	230	60	Magnetek	8-181888-01	230	60	Magnetek	8-181979-02	230/460	60
AGD48	Emerson	K63ZZEER-4570	230	60	Magnetek	8-181888-01	230	60	Magnetek	8-181979-02	230/460	60

ACCESSORIES

These optional accessories are available to assist and enhance installation, adapt for a particular application and maintain high efficient operation.

ALUMINUM SHUTTERS



- All Aluminum Construction
- Counter Balanced Blades
- Nylon Bearings
- Stainless Steel Hinge Pins
- Low Air Resistance
- Reduces Sticking in Dusty and Moist Conditions

FAN SIZE	SHUTTER MODEL
24"	WAA2727
30"	WAA3333
36"	WAA3939
42"	WAA4545
48"	WAA5454



GALVANIZED SHUTTERS

- Galvanized Frame and Fixtures
- Aluminum Counter Balanced Blades
- Economy and Performance
- *Best Buy*

FAN SIZE	SHUTTER MODEL
24"	WAG2727
30"	WAG3333
36"	WAG3939
42"	WAG4545
48"	WAG5454

WALL HOUSING

Galvanized slant housings with flanges for mounting to exterior wall for exhaust applications in tunnel ventilated and cooled buildings. The slant arrangement protects the components from weather, incorporates wiring knockout, provides convenient shutter mounting with quick release clips, includes outlet screen and enhances air flow through velocity regain. Housings are available knocked down crated with fan and shutters, motors shipped separately.

FAN SIZE	HOUSING MODEL
24"	WSS24AG
30"	WSS30AG
36"	WSS36AG
42"	WSS42AG
48"	WSS48AG

DISCHARGE AIR DIFFUSER CONE

Made of galvanized steel, the cone increases air flow with the same HP and includes safety guard, brackets and hardware for easy mounting. Cone is designed for use with slant wall collar (not slant housing) and shipped knocked down.

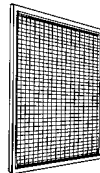


FAN SIZE	CONE MODEL	SLANT WALL COLLAR MODEL
36"	GC-36	WSSC36
42"	GC-42	WSSC42
48"	GC-48	WSSC48

WARNING! DO NOT use in HAZARDOUS ENVIRONMENTS where fan's electrical system could provide ignition to combustible or flammable materials unless unit is specifically built for hazardous environments.

GUARD

Guards are galvanized heavy gauge welded wire.



CAUTION! Guards are strongly recommended when the fan is installed within (7) feet of floor, working level or within reach of personnel. Guards complying with OSHA regulations are available as optional equipment. Review OSHA Codes and obtain a quotation.

The products shown on this brochure are covered by a limited warranty. For a complete copy of the warranty statement, see Form MS149 or write to Acme Engineering & Manufacturing Corp., P.O. Box 978, Muskogee, OK 74402.



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MEMBER AIR MOVEMENT AND CONTROL ASSOCIATION