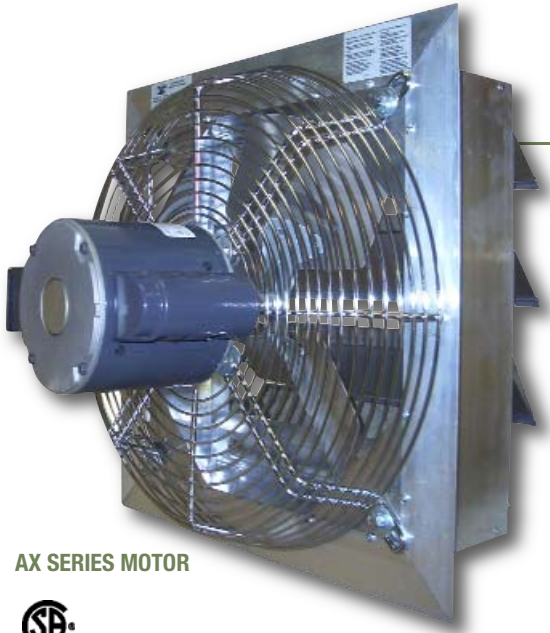




AX - SHUTTER MOUNTED FANS

Designed for Industrial, Commercial & Farming applications.



AX SERIES MOTOR



FEATURES

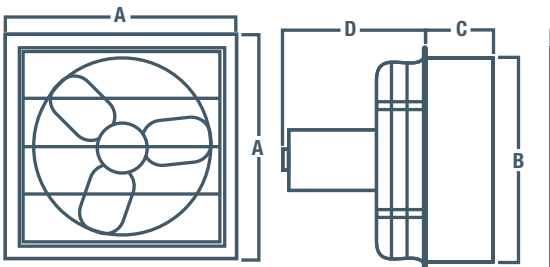
- Sturdily constructed from all-aluminum extrusions.
- 8" - 24" models have heavy wire chrome plated OSHA guards on intake side of fan.
- 30", 36" & 42" models have grey powder coated guards.
- Totally enclosed air over motor with overload protection.



DIMENSIONS

MODEL	A	B	C	D	
				AX	AX-4~
AX08	14 3/4"	11 3/4"	5"	6 1/2"	-
AX10	14 3/4"	11 3/4"	5"	6 1/2"	-
AX12	16 3/4"	13 3/4"	5"	11"	13 3/4"
AX14	18 3/4"	15 3/4"	5"	11"	13 3/4"
AX16	20 3/4"	17 3/4"	5"	11"	13 3/4"
AX18	22 3/4"	19 3/4"	5"	11 1/4"	14"
AX20	24 3/4"	21 3/4"	5"	11 1/4"	14"
AX24	28 3/4"	25 3/4"	5"	11"	13 3/4"
AX30	35 1/4"	32 3/4"	5"	13 1/4"	-
AX36	41 1/4"	38 3/4"	5"	13 1/2"	-
AX42	47 1/4"	44 3/4"	5"	11"	-

~ Explosion Proof Motor, 50 Hz or 3 phase



EXPLOSION PROOF MOTOR

SPECIFICATIONS

SINGLE PHASE	THREE PHASE	BLADE DIAMETER	RPM	HP (SINGLE PHASE)	VOLTAGE (SINGLE PHASE)	AMPS (FLA) (SINGLE PHASE)	WEIGHT (LBS)	dB(A) @5 ft	CFM @ STATIC PRESSURE				FRAMING DIMENSIONS
									0.00"	0.10"	0.125"	0.25"	
SINGLE SPEED - VARIABLE SPEED FANS													
AX12-1V	AX12-1*	12"	1700	1/3	115/230	5.0/2.5	26	63	1650	1560	1525	1450	14" X 14"
AX12-1VHE	-	12"	1450	1/15	115	1.0	22	60	1350	1290	1275	1150	14" X 14"
AX14-1V	AX14-1*	14"	1700	1/3	115/230	5.0/2.5	29	67	2170	2030	1950	1900	16" X 16"
AX14-1VHE	-	14"	1450	1/15	115	1.0	25	64	1600	1525	1500	1300	16" X 16"
AX16-1V	AX16-1*	16"	1700	1/3	115/230	5.0/2.5	30	68	2570	2470	2410	2260	18" X 18"
AX16-1VHE	-	16"	1450	1/15	115	1.0	26	63	1850	1750	1700	1550	18" X 18"
AX18-1V	AX18-1*	18"	1700	1/3	115/230	3.8/1.9	36	71	3150	3000	2900	2575	20" X 20"
AX20-1V	AX20-1*	20"	1700	1/3	115/230	3.8/1.9	39	77	3620	3420	3340	3120	22" X 22"
AX24-1V	-	24"	1100	1/3	115/230	4.4/2.2	43	72	5500	5400	5310	5100	26" X 26"
--	AX24-1*	24"	1700	1/3	--	--	43	77	5520	5410	5330	5130	26" X 26"
SINGLE SPEED FANS													
AX12-2	--	12"	1625	1/4	115	1.8	27	63	1640	1540	1510	1390	14" X 14"
AX14-2	--	14"	1625	1/4	115	1.8	30	67	2170	2070	2030	1860	16" X 16"
AX16-2	--	16"	1625	1/4	115	1.8	31	68	2370	2270	2210	2060	18" X 18"
AX18-2	--	18"	1625	1/3	115	4.0	37	73	3200	3090	3040	2920	20" X 20"
AX20-2	--	20"	1625	1/3	115	4.0	39	77	3420	3220	3170	2920	22" X 22"
AX24-2	--	24"	1100	1/3	115	5.4	45	70	5000	4500	4300	3600	26" X 26"
AX30-2	--	30"	1100	1/3	115/230	4.4/2.2	72	82	8000	7000	6000	5000	33" X 33"
AX36-7	AX36-7*	36"	850	1/2	115/230	6.6/3.3	88	72	10000	8500	8000	6200	39" X 39"
AX42-7	--	42"	850	1	230	11/5.5	122	84	14900	13550	13210	10800	48.75" X 48.75"
TWO SPEED FANS													
AX08-3	--	8"	1600/1300	1/40	115	0.5	14	48	360/300	270/150	230/110	--	12" X 12"
AX10-3	--	10"	1600/1300	1/40	115	0.5	14	56	690/580	590/460	570/390	--	12" X 12"
AX12-3	--	12"	1725/1140	1/4	115	3.4	27	64	1670/1100	1600/950	1575/900	1450/625	14" X 14"
AX14-3	--	14"	1725/1140	1/4	115	3.4	31	67	2190/1440	2080/1325	2000/1300	1950/850	16" X 16"
AX16-3	--	16"	1725/1140	1/4	115	3.4	34	69	2580/1770	2480/1620	2430/1560	2270/1020	18" X 18"
AX18-3	--	18"	1725/1140	1/3	115	5.3/2.9	38	74	3200/2310	3050/2030	2950/1960	2625/1750	20" X 20"
AX20-3	--	20"	1725/1140	1/3	115	5.3/2.9	41	77	3640/2420	3440/2270	3360/2210	3140/1890	22" X 22"
SINGLE SPEED EXPLOSION PROOF FANS (Explosion Proof Motors are CLASS 1 - GROUP C & D and CLASS 2 - GROUP F & G)													
Class I, Group D - Atmospheres such as acetone, ammonia, benzene, butane, cyclopropane, ethanol, gasoline, hexane, methane, natural gas, naphtha, propane, or gases or vapors of equivalent hazard.													
Class II Group F - Atmospheres containing carbonaceous dust, including carbon black, charcoal, coal, or coke dusts that have more than 8% total entrapped volatiles, or dusts that have been sensitized by other materials so that they present an explosion hazard.													
Class II Group G - Atmospheres containing combustible dusts not included in group E or F, including flour, grain, wood, plastic and chemicals.													
AX12-4	AX12-4*	12"	1725	1/3	115/208-230	6.6/3.1-3.3	49	63	1670	1600	1575	1450	14" X 14"
AX14-4	AX14-4*	14"	1725	1/3	115/208-230	6.6/3.1-3.3	49	67	2190	2080	2000	1950	16" X 16"
AX16-4	AX16-4*	16"	1725	1/3	115/208-230	6.6/3.1-3.3	51	68	2580	2480	2430	2270	18" X 18"
AX18-4	AX18-4*	18"	1725	1/3	115/208-230	6.6/3.1-3.3	56	73	3200	3050	2950	2625	20" X 20"
AX20-4	AX20-4*	20"	1725	1/3	115/208-230	6.6/3.1-3.3	57	77	3640	3440	3360	3140	22" X 22"
AX24-4	AX24-4*	24"	1725	1/3	115/208-230	6.6/3.1-3.3	57	77	5520	5410	5330	5130	26" X 26"

For three phase motors, substitute "*" with "M" for 208-230/460 volt or "P" for 575 volt
Other voltages in single or three phase are available. 50HZ voltages are available. Consult factory.

ACCESSORIES

- Speed controls
- Thermostats
- Front guard
- Weather hoods

For a complete listing on all available accessories, see page C15.
For a complete listing of all available hoods, see page C11.
For all available control options, see Controls & Thermostats tab.