



**P4 SERIES
EXPLOSION PROOF MOTOR**



P - EXPLOSION PROOF PANEL MOUNTED FANS

Designed for Industrial, Commercial & Farming applications.

The P series exhaust fan is a sturdily constructed, direct drive, horizontal discharge fan that is typically used for industrial, commercial and farming applications. The P Explosion Proof Fans have a single speed, dual voltage explosion proof motor that meets and conforms to all the standards that are listed below.

- CLASS I, GROUP C** Atmospheres containing ethyl ether, ethylene, gases or vapors of equivalent hazard.
- CLASS I, GROUP D** Atmospheres such as acetone, ammonia, benzene, butane, cyclopropane, ethanol, gasoline, hexane, methane, natural gas, naphtha, propane, or gasses 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.

FEATURES

- Sturdily constructed direct drive, horizontal discharge fan.
- Durable powder coated finish.
- 12" - 24" models have heavy wire chrome plated OSHA guards on intake side of fan.
- Totally enclosed, ball bearing motor with thermal overload protection.

SPECIFICATIONS

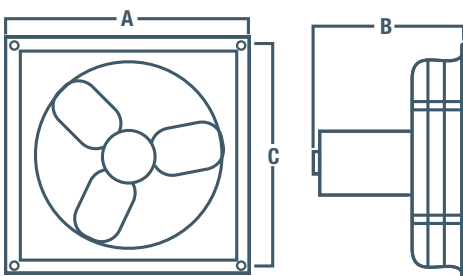
SINGLE PHASE	THREE PHASE	BLADE DIAMETER	RPM	HP (SINGLE PHASE)	VOLTAGE (SINGLE PHASE)	AMPS (FLA) (SINGLE PHASE)	WEIGHT (LBS)	dB(A) @5 ft	CFM @ STATIC PRESSURE				
									0.00"	0.10"	0.125"	0.25"	
SINGLE SPEED EXPLOSION PROOF FANS (Explosion Proof Motors are DIVISION 1 - CLASS 1 - GROUP C & D and CLASS 2 - GROUP F & G)													
P12-4**	P12-4*	12"	1725	1/3	115/230	6.6/3.1-3.3	49	63	1670	1600	1575	1450	
P14-4**	P14-4*	14"	1725	1/3	115/230	6.6/3.1-3.3	49	67	2190	2080	2000	1950	
P16-4**	P16-4*	16"	1725	1/3	115/230	6.6/3.1-3.3	51	68	2580	2480	2430	2270	
P18-4**	P18-4*	18"	1725	1/3	115/230	6.6/3.1-3.3	56	73	3200	3050	2950	2625	
P20-4**	P20-4*	20"	1725	1/3	115/230	6.6/3.1-3.3	57	77	3640	3440	3360	3140	
P24-4**	P24-4*	24"	1725	1/3	115/230	6.6/3.1-3.3	57	77	5520	5410	5330	5130	

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

DIMENSIONS

MODEL	A X A SQUARE	B	C c/c
P12-4	17 1/4"	13 3/4"	16"
P14-4	19 1/4"	13 3/4"	18"
P16-4	21 1/4"	13 3/4"	20"
P18-4	23 1/4"	14"	22"
P20-4	25 1/4"	14"	24"
P24-4	29 1/4"	13 3/4"	28"

Explosion Proof Motor, 50 Hz or 3 phase



ACCESSORIES

- Front guards*
- Wall sleeve*
- Thermostats
- Backdraft dampers*
- Weather hoods

For a complete listing of accessories, see page C15 in Wall Mount Ventilation section.
For a complete listing of hoods, see page C11 in Wall Mount Ventilation section.
For all available control options, see Controls & Thermostats section.

***Consult factory to have accessories installed.**