



BACK VIEW

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 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.



FEATURES

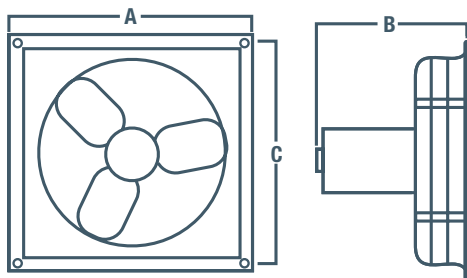
- Sturdily constructed direct drive, horizontal discharge fan.
- Durable powder coated finish.
- 12" - 24" models have heavy wire chrome plated OSHA guards on intake side of fan.
- Totally enclosed air over motor with overload protection.
- Ships fully assembled.

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"
P12-4**	P12-4*	12"	1725	1/3	115/230	6.6/3.3	49	63	1670	1600	1575	1450
P14-4**	P14-4*	14"	1725	1/3	115/230	6.6/3.3	49	67	2190	2080	2000	1950
P16-4**	P16-4*	16"	1725	1/3	115/230	6.6/3.3	51	68	2580	2480	2430	2270
P18-4**	P18-4*	18"	1725	1/3	115/230	6.6/3.3	56	73	3200	3050	2950	2625
P20-4**	P20-4*	20"	1725	1/3	115/230	6.6/3.3	57	77	3640	3440	3360	3140
P24-4**	P24-4*	24"	1725	1/3	115/230	6.6/3.3	57	77	5520	5410	5330	5130

For three phase motors, substitute "**" with "M" for 230/460 volt or "P" for 575 volt
 **Only these models 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 on all available accessories, see page D17
 For a complete listing of all available hoods, see page D11.
 For all available control options, see Controls & Thermostats tab.



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