



P SERIES FAN



**FEATURES**

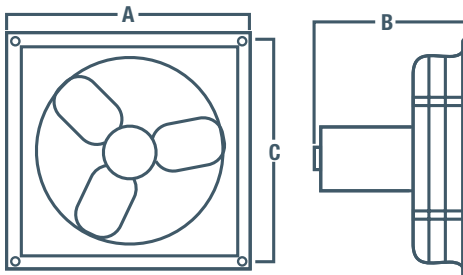
- Sturdily constructed direct drive, horizontal discharge fan.
- Durable powder coated finish.
- 8" - 24" models have heavy wire chrome plated OSHA guards on intake side of fan.
- 30" & 36" models have grey powder coated guards.
- Totally enclosed air over motor with overload protection.
- Ships fully assembled.



**DIMENSIONS**

MODEL	A X A SQUARE	B		C c/c
		P	P-4~	
P08	13 1/4"	6 1/2"	-	12"
P10	15 1/4"	6 1/2"	-	14"
P12	17 1/4"	11"	13 3/4"	16"
P14	19 1/4"	11"	13 3/4"	18"
P16	21 1/4"	11"	13 3/4"	20"
P18	23 1/4"	11 1/4"	14"	22"
P20	25 1/4"	11 1/4"	14"	24"
P24	29 1/4"	11"	13 3/4"	28"
P30	35 1/4"	13 1/4"	-	34"
P36	41 1/4"	13 1/2"	-	40"

~ Explosion Proof Motor, 50 Hz or 3 phase



**P - PANEL MOUNTED FANS**

Designed for Industrial, Commercial & Farming applications.



P4 SERIES  
EXPLOSION PROOF MOTOR

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 fans are available in single-speed variations as well as two-speed and variable speed models.

**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"
<b>SINGLE SPEED - VARIABLE SPEED FANS</b>												
P12-1V	P12-1*	12"	1700	1/3	115/230	5.0/2.5	26	63	1650	1560	1525	1400
P12-1VHE	--	12"	1450	1/15	115	1.0	22	60	1350	1290	1275	1150
P14-1V	P14-1*	14"	1700	1/3	115/230	5.0/2.5	29	67	2170	2030	1950	1900
P14-1VHE	--	14"	1450	1/15	115	1.0	25	64	1600	1525	1500	1300
P16-1V	P16-1*	16"	1700	1/3	115/230	5.0/2.5	30	68	2570	2470	2410	2260
P16-1VHE	--	16"	1450	1/15	115	1.0	26	63	1850	1750	1700	1550
P18-1V	P18-1*	18"	1700	1/3	115/230	3.8/1.9	36	71	3150	3000	2900	2575
P20-1V	P20-1*	20"	1700	1/3	115/230	3.8/1.9	39	77	3620	3420	3340	3120
P24-1V	--	24"	1100	1/3	115/230	4.4/2.2	43	72	5500	5400	5310	5100
--	P24-1*	24"	1100	1/3	--	--	57	77	5500	5400	5310	5100
<b>SINGLE SPEED FANS</b>												
P12-2	--	12"	1625	1/4	115	2.7	27	63	1640	1540	1510	1390
P14-2	--	14"	1625	1/4	115	2.7	30	67	2170	2070	2030	1860
P16-2	--	16"	1625	1/4	115	2.7	31	68	2370	2270	2210	2060
P18-2	--	18"	1625	1/3	115	4.1	37	73	3200	3090	3040	2920
P20-2	--	20"	1625	1/3	115	4.1	39	77	3420	3220	3170	2920
P24-2	--	24"	1100	1/3	115	5.4	45	70	5000	4500	4300	3600
P30-2	--	30"	1100	1/3	115/230	4.4/2.2	72	82	8000	7000	6000	5000
P36-7	P36-7M**	36"	850	1/2	115/230	6.6/3.3	88	72	12000	11000	10500	9500
<b>TWO SPEED FANS</b>												
P08-3	--	8"	1600/1300	1/20	115	1.7	11	48	360/300	270/150	230/110	--
P10-3	--	10"	1600/1300	1/20	115	1.7	11	56	690/580	590/460	570/390	--
P12-3	--	12"	1725/1140	1/4	115	3.4	27	64	1670/1100	1600/950	1575/900	1450/625
P14-3	--	14"	1725/1140	1/4	115	3.4	31	67	2190/1440	2080/1325	2000/1300	1950/850
P16-3	--	16"	1725/1140	1/4	115	3.4	34	69	2580/1770	2480/1620	2430/1560	2270/1020
P18-3	--	18"	1725/1140	1/3	115	5.5/2.9	38	74	3200/2310	3050/2030	2950/1960	2625/1750
P20-3	--	20"	1725/1140	1/3	115	5.5/2.9	41	77	3640/2420	3440/2270	3360/2210	3140/1890
<b>SINGLE SPEED EXPLOSION PROOF FANS</b> (Explosion Proof Motors are DIVISION 1 - CLASS 1 - GROUP C & D and CLASS 2 - GROUP F & G)												
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.												
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  
 \*\*NOTE: P36-7M is only available in 208-230/460 volt for three phase applications  
 Other voltages in single or three phase are available. 50HZ voltages are available. Consult factory.

**ACCESSORIES**

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

For a complete listing on all available accessories, see page D16.  
 For a complete listing of all available hoods, see page D11.  
 For all available control options, see Controls & Thermostats tab.

**Consult factory to have accessories installed.**