



P SERIES FAN

**NOTE: 8 & 10" models feature a cord & plug and pull chain control.**

## 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.



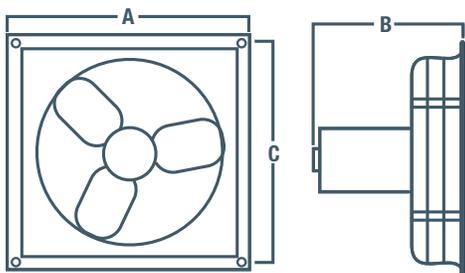
FANS UP TO 24" CAN SHIP VIA UPS



## DIMENSIONS

| MODEL | A X A SQUARE | B       |         | C c/c |
|-------|--------------|---------|---------|-------|
|       |              | P       | P-4~    |       |
| P08   | 13 3/8"      | 5 1/4"  | -       | 12"   |
| P10   | 15 3/8"      | 5 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.

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"            | 1700      | 1/3               | --                     | --                        | 57           | 77          | 5520                  | 5410      | 5330      | 5130      |
| <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          | 10000                 | 8500      | 8000      | 6200      |
| <b>TWO SPEED FANS *NOTE: 8 &amp; 10" models feature a cord &amp; plug and pull chain control.</b>  |             |                |           |                   |                        |                           |              |             |                       |           |           |           |
| *P08   | --          | 8"             | 1600/1300 | 25W               | 115                    | 0.2                       | 14           | 48          | 360/292               | 270/150   | 230/110   | --        |
| *P10   | --          | 10"            | 1480/1150 | 60W               | 115                    | 0.5                       | 14           | 55          | 500/388               | 420/300   | 400/250   | --        |
| 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>   |             |                |           |                   |                        |                           |              |             |                       |           |           |           |
| <b>(Explosion Proof Motors are DIVISION 1 - CLASS 1 - GROUP C &amp; D and CLASS 2 - GROUP F &amp; G)</b>   |             |                |           |                   |                        |                           |              |             |                       |           |           |           |
| <small>Class I, Group C - Atmospheres containing ethyl ether, ethylene, gases or vapors of equivalent hazard.</small>  |             |                |           |                   |                        |                           |              |             |                       |           |           |           |
| <small>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.</small>   |             |                |           |                   |                        |                           |              |             |                       |           |           |           |
| <small>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.</small> |             |                |           |                   |                        |                           |              |             |                       |           |           |           |
| 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 D17

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.**



P4 SERIES EXPLOSION PROOF MOTOR