

P Series

Pressure Power Unit



The P Series: pressure unit for conveying plastic materials (pictured is a P3040)

Process Control Corporation specializes in equipment for conveying plastic materials. Our equipment is designed to stand up to the toughest demands of your application, including high material flow rates, multiple distribution points and long conveying distances.

To prevent bottle necking and ensure a continuous supply of material to any number of plant sites (silos, surge bins, processing machines, blenders, etc.), Process Control engineers work with you to select the best equipment and integrate it into a reliable system capable of continuous operation and guaranteed performance.

Our P Series Pressure Power Unit is designed for quiet, reliable performance in a pressure conveying sys-

tem or as part of a dual-blower vacuum/ pressure system. Typical applications include railcar/ truck unloading and in-plant distribution systems. Eleven standard P Series units are available, with horsepower ratings from two to fifty.

Process Control supplies a complete line of material handling equipment including tubing and hardware, vacuum pumps, controllers, bolted & welded storage silos and daybins. ■

Standard Features

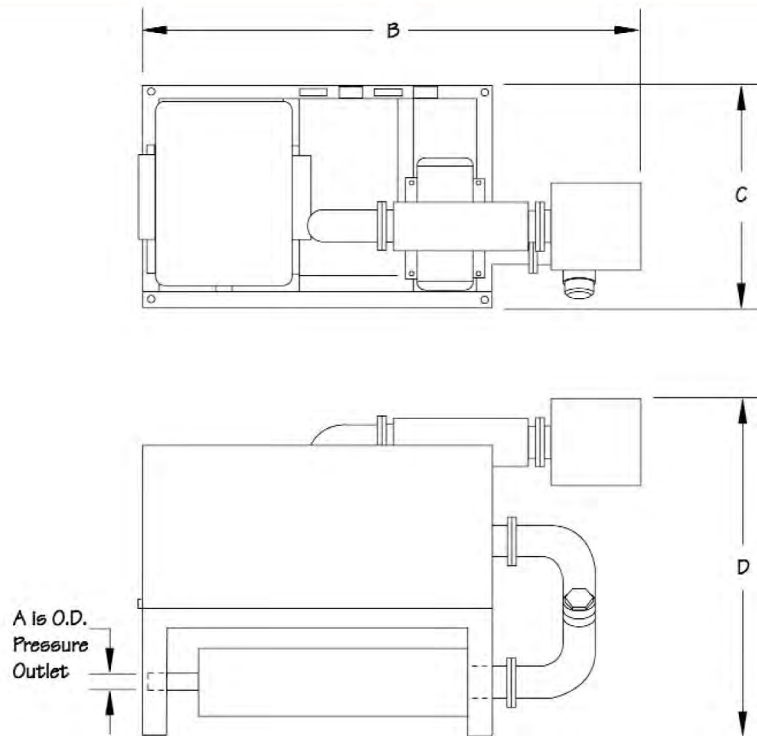
- 2 to 50 horsepower available
- Positive displacement blower
- T-frame motor
- Intake- and pressure-side silencer

- Reinforced, heavy steel base plate
- NEMA-12 electrical/control enclosure
- Cartridge type, intake-side air filter
- Adjustable pressure switch with diaphragm-piston transducer
- Four-sided belt guard with removable access cover

Options

- Special motor
- Level controls at storage or use point
- Special electricals
- Special paint
- Heat exchanger for cooling conveying air.

P Series Pressure Power Unit



Every unit is factory tested before shipment. Information is subject to change without notice.

| Model Number | HP (KW) | Dimensions - Inch (mm) | | | | Shipping Weight lbs. (kg) |
|--------------|------------|------------------------|--------------|-------------|-------------|---------------------------|
| | | A | B | C | D | |
| P0220 | 2 (1.5) | 2.0 (51) | 57.5 (1461) | 16.0 (408) | 34.4 (874) | 450 (204) |
| P0320 | 3 (2.25) | | 55.0 (1397) | 20.0 (508) | 38.0 (965) | 475 (216) |
| P0525 | 5 (3.75) | 2.5 (64) | 75.0 (1905) | | | 21.0 (533) |
| P0725 | 7.5 (5.6) | | 72.8 (1850) | 800 (363) | | |
| P1025 | 10 (7.5) | | | | | |
| P1530 | 15 (11.25) | 3.0 (76) | 86.5 (2197) | 24.5 (622) | 46.4 (1179) | 1100 (499) |
| P2035 | 20 (15) | 3.5 (89) | 102.0 (2591) | 28.0 (711) | 52.0 (1321) | 1300 (590) |
| P2540 | 25 (18.75) | 4.0 (102) | | 29.0 (737) | | 1400 (635) |
| P3040 | 30 (22.5) | | | | | 1500 (680) |
| P4045 | 40 (30) | 4.5 (114) | 119.0 (3023) | 34.0 (864) | 54.0 (1371) | 1600 (726) |
| P5045 | 50 (37.5) | | | 48.3 (1226) | 1700 (771) | |



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