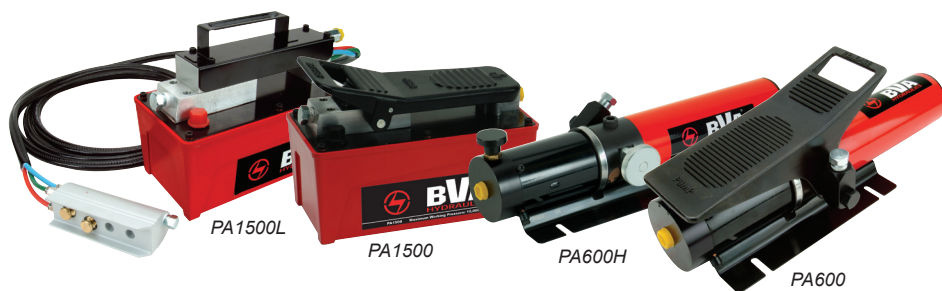




## Air Pumps

Air Actuated Power



PA1500L

PA1500

PA600H

PA600



PA2000

PA3801

PA7550

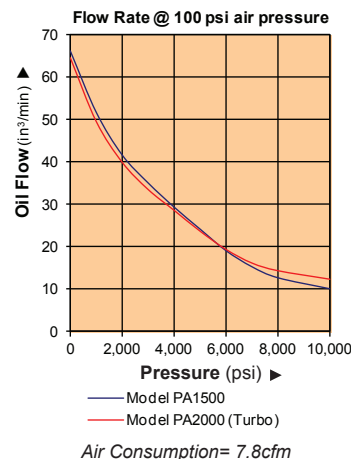


PA7550M

PA3801M

PA1500M

### PA Series



### Product Information

- Metal reservoirs resist cracking
- US Patent No. 5,946,912, a built in bypass device protects the hydraulic system from over pumping damage
- A compact yet powerful Air Turbo Motor US Patent No. 5,341,723
- Suggested air inlet range: 110-175 psi / 7.6-12.1 bar
- Maximum working pressure: 10,000 psi / 700 Bar



### PA1500A Pressure Adjustment



PA1500A Pressure can be adjusted externally from 1,000 to 10,000 psi.

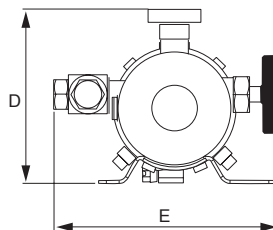
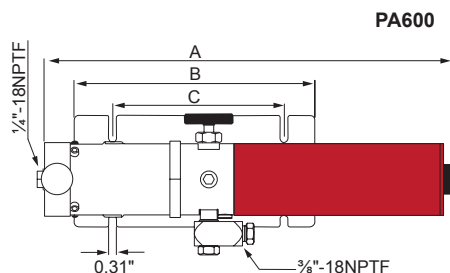
| Model Number  | Usable Oil Capacity | Oil Outlet Port | Output Flow Rate  |                | Input Air Pressure Required (psi) | Air Consumption (cfm) | Reservoir Construction |
|---------------|---------------------|-----------------|-------------------|----------------|-----------------------------------|-----------------------|------------------------|
|               |                     |                 | No Load (in³/min) | Load (in³/min) |                                   |                       |                        |
| Single Acting |                     |                 |                   |                |                                   |                       |                        |
| PA600         | 36.6                | ¾"-18 NPTF      | 61                | 9              | 110-175                           | 7.8                   | Steel                  |
| PA600H        | 36.6                | ¾"-18 NPTF      | 61                | 9              | 110-175                           | 7.8                   | Steel                  |
| PA1500        | 91.5                | ¾"-18 NPTF      | 66                | 11             | 110-175                           | 7.8                   | Aluminum               |
| PA1500A*      | 91.5                | ¾"-18 NPTF      | 66                | 11             | 110-175                           | 7.8                   | Aluminum               |
| PA1500L**     | 91.5                | ¾"-18 NPTF      | 61                | 10             | 110-175                           | 7.8                   | Aluminum               |
| PA2000        | 122.1               | ¾"-18 NPTF      | 65                | 12             | 110-175                           | 7.8                   | Aluminum               |
| PA3801        | 231.9               | ¾"-18 NPTF      | 65                | 11             | 110-175                           | 7.8                   | Steel                  |
| PA3801L**     | 231.9               | ¾"-18 NPTF      | 61                | 10             | 110-175                           | 7.8                   | Steel                  |
| PA7550        | 460.6               | ¾"-18 NPTF      | 65                | 11             | 110-175                           | 7.8                   | Steel                  |
| Double Acting |                     |                 |                   |                |                                   |                       |                        |
| PA1500M       | 91.5                | ¾"-18 NPTF      | 66                | 11             | 110-175                           | 7.8                   | Aluminum               |
| PA3801M       | 231.9               | ¾"-18 NPTF      | 65                | 11             | 110-175                           | 7.8                   | Steel                  |
| PA7550M       | 460.6               | ¾"-18 NPTF      | 65                | 11             | 110-175                           | 7.8                   | Steel                  |

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\* This unit is equipped with an external pressure adjustment (1,000-10,000psi)

\*\*These pumps are equipped with a hand held air powered pendant



PA Series

### FRL-145

Use in compressed air lines upstream of all PA series air/hydraulic pumps to provide clean filtered (5um), lubricated air source to ensure long air motor life. Assembly is equipped with a metal bowl with sight glass and a 0-145 PSIG pressure gauge. 145 PSIG maximum working pressure. 3/8" NPT Ports. Use Class-1 Turbine Oil (ISO VG32).



### AD-145

Use in compressed air lines upstream of BVA FRL-145 and all PA series air/hydraulic pumps to remove 99% of free water from the air line to ensure long air motor life. 145 PSIG maximum working pressure. 3/8" NPT Ports.



### Related Product: Hoses

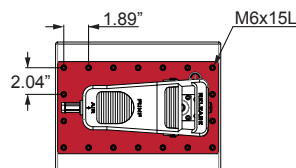
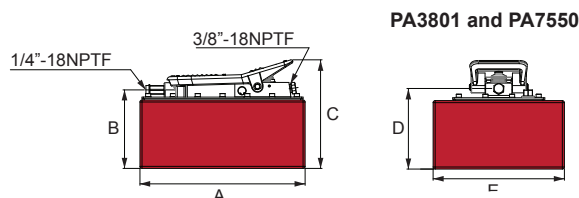
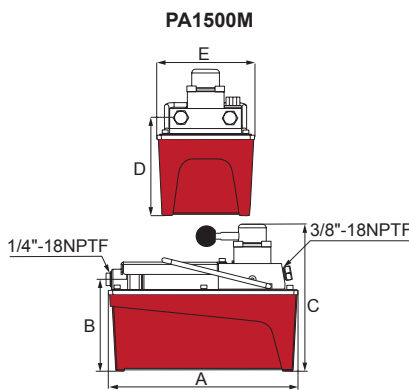
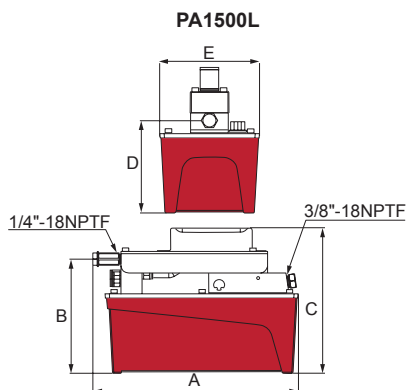
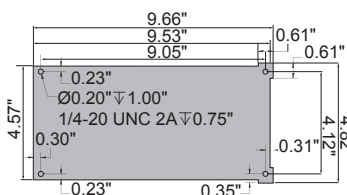
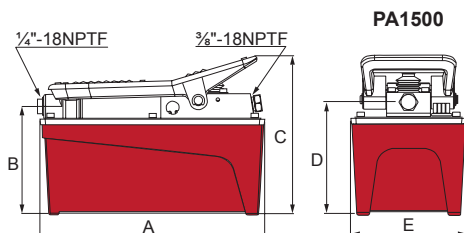
We offer a variety of hoses, fittings, lengths and materials.

pg 72

### Air Pump Combo

Most air pumps are available in easy to order kits: pump, gauge, coupler, hose and cylinder

pg 64



| Model Number  | Base Mounting Holes | Dimensions (in) |      |      |      |       | Weight w/ Oil (lbs) |
|---------------|---------------------|-----------------|------|------|------|-------|---------------------|
|               |                     | A               | B    | C    | D    | E     |                     |
| Single Acting |                     |                 |      |      |      |       |                     |
| PA600         | yes                 | 16.77           | 9.84 | 7.01 | 6.18 | 5.59  | 14.1                |
| PA600H        | yes                 | 16.77           | 9.84 | 7.01 | 4.49 | 5.75  | 12.5                |
| PA1500        | yes                 | 10.35           | 5.00 | 7.28 | 5.16 | 5.35  | 18.1                |
| PA1500A*      | yes                 | 10.35           | 5.00 | 7.28 | 5.16 | 5.35  | 18.1                |
| PA1500L**     | yes                 | 10.96           | 6.30 | 8.03 | 5.12 | 5.35  | 19.4                |
| PA2000        | yes                 | 12.64           | 6.42 | 8.15 | 5.20 | 7.36  | 20.1                |
| PA3801        | no                  | 12.64           | 5.08 | 7.36 | 5.24 | 7.36  | 27.1                |
| PA3801L**     | no                  | 12.64           | 6.42 | 8.15 | 5.20 | 7.36  | 30.4                |
| PA7550        | no                  | 12.64           | 5.00 | 8.31 | 6.14 | 8.43  | 36.0                |
| Double Acting |                     |                 |      |      |      |       |                     |
| PA1500M       | yes                 | 10.51           | 5.00 | 7.99 | 5.35 | 5.35  | 19.1                |
| PA3801M       | no                  | 12.64           | 5.04 | 8.03 | 5.31 | 7.36  | 24.0                |
| PA7550M       | no                  | 12.64           | 5.98 | 9.02 | 6.34 | 10.04 | 40.0                |

\* Unit is equipped with an external pressure adjustment (1,000-10,000psi)

\*\*These pumps are equipped with a hand held air powered pendant