

# 1-1/2" Non-Metallic Models OEM / Transfer Pumps

## 1-1/2" Non-Metallic Performance Specifications

|   |   |
|---|---|
| <b>Ratio:</b>                                   | 1:1   |
| <b>Maximum GPM (LPM):</b>                       | 123 (465)                                   |
| <b>Displacement per cycle</b> Gallons (Liters): | 0.617 (2.34)                                |
| <b>Air Inlet (Female):</b>                      | 1/2 - 14 N.P.T.                             |
| <b>Fluid Inlet:</b>                             | 1-1/2" A.N.S.I./DIN flange (side or center) |
| <b>Fluid Outlet:</b>                            | 1-1/2" A.N.S.I./DIN flange (side or center) |
| <b>Max. operating pressure</b> psi (bar):       | 120 (8.3)                                   |
| <b>Suspended solids max. dia.</b> in. (mm):     | 1/4" (6.4)                                  |
| <b>Weight</b> lbs (kg):                         | Polypropylene, Side Ported 42.6 (19.3)      |
|   | PVDF, Side Ported 63.9 (29)                 |
|   | Polypropylene, Center Ported 42.3 (19.2)    |
|   | PVDF, Center Ported 55.9 (25.3)             |
| <b>Maximum dry suction lift</b> ft (m):         | 14 (4.2)                                    |

### Sound Level:

| PSI | Cycles / Min | db(A) |
|-----|--------------|-------|
| 70  | 60           | 81.0  |



## Ordering Menu

|   |   |   |  |          |                          |   |  |          |   |
|---|---|---|--|----------|--------------------------|---|--|----------|---|
| <b>PX15</b>   | <b>X</b>  | - | <b>X</b>   | <b>X</b> | <b>X</b>                 | - | <b>X</b>   | <b>X</b> | <b>X</b>  |
| <b>Model Series</b>   | <b>Center Section</b>                                       |   | <b>Connection</b>  |          | <b>Hardware</b>          |   | <b>Seat Material</b>   |          | <b>Diaphragm Material</b>   |
| <b>PD15</b> Standard Pump<br><b>PE15</b> Electronic Interface Accessible Pump | <b>E</b> Conductive Polypropylene<br><b>P</b> Polypropylene |   | <b>F</b> 1-1/2" A.N.S.I./DIN Flange (Side)<br><b>Y</b> 1-1/2" A.N.S.I./DIN Flange (Center) |          | <b>S</b> Stainless Steel |   | <b>H</b> 440 Stainless Steel (Hard)<br><b>K</b> PVDF<br><b>P</b> Polypropylene<br><b>S</b> 316 Stainless Steel |          | <b>A</b> Santoprene<br><b>C</b> Hytrel<br><b>G</b> Nitrile<br><b>M</b> Medical Grade Santoprene<br><b>T</b> PTFE/Santoprene<br><b>V</b> Viton |
|   |   |   | <b>Wetted Parts</b>  |          |                          |   |  |          | <b>Ball Material</b>  |
|   |   |   | <b>E</b> Conductive Polypropylene<br><b>K</b> PVDF<br><b>P</b> Polypropylene               |          |                          |   |  |          | <b>A</b> Santoprene®<br><b>C</b> Hytrel®<br><b>G</b> Nitrile<br><b>S</b> 316 Stainless Steel<br><b>T</b> PTFE<br><b>V</b> Viton®              |

## Accessories\*

### Air Line Connection Kit | Kit No. 66084-1

Kit includes Piggyback Filter/Regulator with gauge, pipe nipple and a 5-foot section of air hose.

### Diaphragm Failure Detection (DFD) | Kit No. 67237

Costly production downtime due to pump diaphragm failure and resulting (possibly hazardous) material leakage is a very real problem in many process operations. ARO Diaphragm Failure Detection is one simple, cost-effective way to get your pumps wired for preventive maintenance. (PE15X pump model is required)

### Cycle Counter Kit | Kit No. 67350

Like the odometer on your car, ARO's cycle sensing / cycle counter lets you know how many pump cycles have elapsed so you can be prepared to perform preventive maintenance. The cycle sensor is a cost-efficient way to save maintenance costs while keeping your pump on-line. (PE15X pump model is required)

### Service Repair Kits | Kit No. 637389 (air motor for PX15P)

Kit No. 637391-XX (fluid section)

Kit No. 637390-X (major air valve assembly)

### Flange Connection Kit | Kit No. 67341-E15N (side flange)

Kit No. 67341-C15N (center flange)

Use with non-metallic EXP pumps with the flange manifold option. Flange kits meet A.N.S.I. / DIN specifications. Flange constructed of glass-filled polypropylene. Bolts, washers and nuts are stainless steel.

\*Please note pumps are not included with these kits.



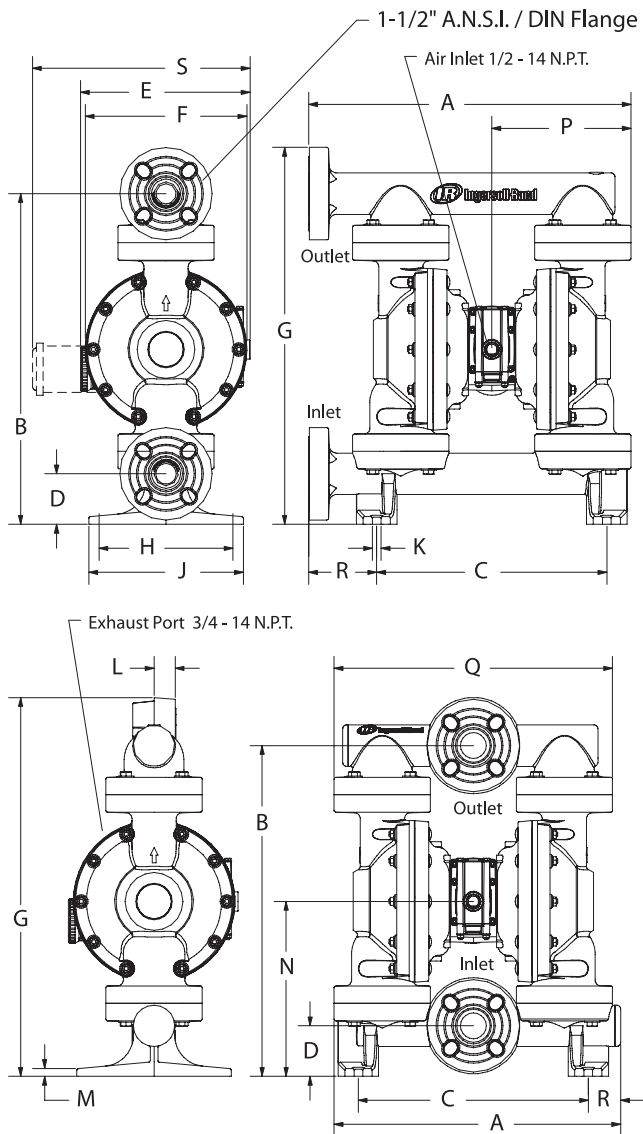
Air Line Connection Kit 66084-1



Flange Connection Kit

# 1-1/2" Non-Metallic Dimensions and Flow Curves OEM / Transfer Pumps

NON-METALLIC

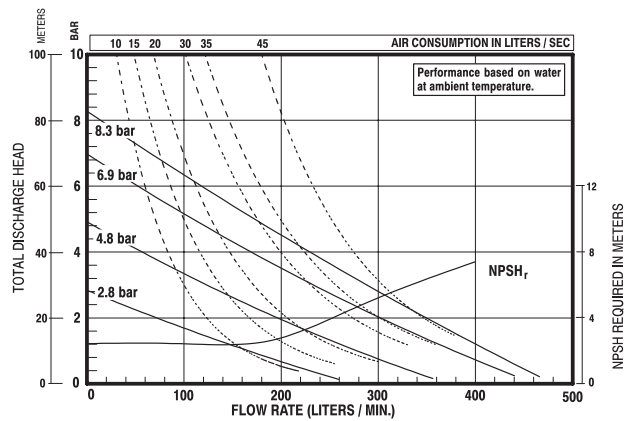
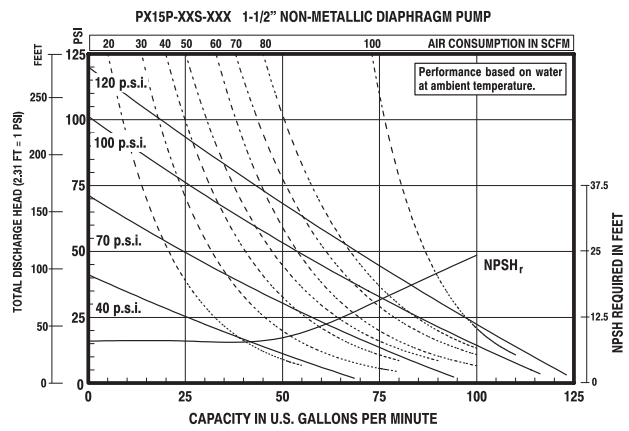


### DIMENSIONS

- |                          |                         |                        |
|--------------------------|-------------------------|------------------------|
| A - see below            | G - see below           | N - 11-3/8" (288.4 mm) |
| B - 21-15/32" (545.3 mm) | H - 8-11/16" (220.7 mm) | P - 9-1/32" (229.5 mm) |
| C - 14-15/16" (379.4 mm) | J - 10-1/32" (254.8 mm) | Q - see below          |
| D - 3-9/32" (83.3 mm)    | K - 9/16" (14.3 mm)     | R - see below          |
| E - see below            | L - see below           | S - see below          |
| F - 10-1/2" (266.3 mm)   | M - 17/32" (13.0 mm)    |                        |

- |  |   |
|--|---|
| PX15P- <b>FXS</b> -XXX<br>(End Flange) | PX15P- <b>YXS</b> -XXX<br>(Center Flange) |
| A - 20-15/16" (531.6 mm)               | 18-19/32" (472.3 mm)                      |
| G - 24-15/32" (621.5 mm)               | 24-19/32" (624.5 mm)                      |
| L - _____                              | 1-3/8" (34.9 mm)                          |
| Q - _____                              | 18-3/32" (459.0 mm)                       |
| R - 4-7/16" (112.4 mm)                 | 2-3/32" (53.1 mm)                         |

- |               |                |                    |
|---------------|----------------|--------------------|
|               | "E"            | "S"                |
| PX15E-XXX-XXX | _____          | 14-1/8" (358.5 mm) |
| PX15P-XXX-XXX | 11" (279.5 mm) | _____              |



Refer to [www.ingersollrandproducts.com](http://www.ingersollrandproducts.com) for full size flow curves.

For additional information contact technical support at 1.800.483.4981