

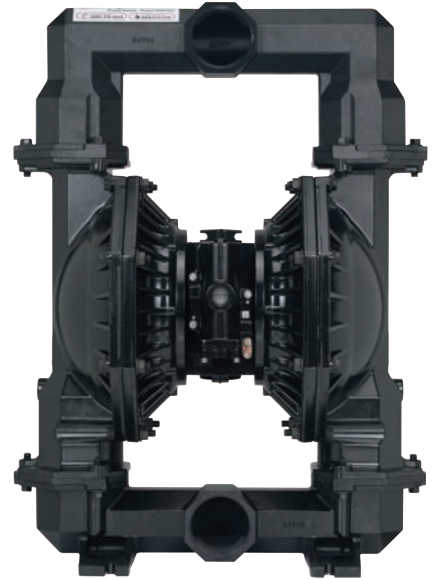
# 3" Metallic Models OEM / Transfer Pumps

## 3" Metallic Performance Specifications

<b>Ratio:</b>	1:1
<b>Maximum GPM (LPM):</b>	275 (1041)
<b>Displacement per cycle:</b>	2.8 (10.6)
<b>@ 100 psi Gallons (Liters)</b>	
<b>Air Inlet: (Female)</b>	3/4 - 14 N.P.T.F. - 1
<b>Fluid Inlet / Outlet (Female):</b>	3" - 8 N.P.T.F. - 1 Rp 3 (3 - 11 BSP parallel)
<b>Max. operating pressure psi (bar):</b>	120 (8.3)
<b>Suspended solids max. dia. in. (mm):</b>	3/8 (9.5)
<b>Weight lbs (kg):</b>	PX30A-XAX-XXX-C 129.5 (58.8) PX30A-XCX-XXX-C 216.6 (98.2) PX30A-XSX-XXX-C 228.8 (103.8) PX30A-XHX-XXX-C 249.8 (113.3) PX30R-XCX-XXX-C 242.3 (109.9) PX30R-XSX-XXX-C 253.3 (114.9) <i>Note: Add 40 lbs (18.2 kg) for stainless steel air motor section</i>
<b>Maximum dry suction lift ft (m):</b>	14 (4.2)

### Sound Level:

PSI	Cycles / Min	db(A)
70	50	83.0



## Ordering Menu

Model Series	Center Section	Connection	Hardware	Seat Material	Diaphragm Material	Ball Material
<b>PD30</b> Standard Pump	<b>A</b> Aluminum	<b>A</b> N.P.T.F. Thread	<b>P</b> Plated Steel	<b>A</b> Santoprene	<b>A</b> Santoprene	<b>A</b> Santoprene
<b>PE30</b> Electronic Interface Accessible Pump	<b>R</b> Polypropylene w/SS air Caps <b>S</b> Stainless Steel	<b>B</b> BSP Thread <b>Wetted Parts</b> <b>A</b> Aluminum <sup>1</sup> <b>C</b> Cast Iron <b>H</b> Hastelloy-C <sup>1</sup> <b>S</b> Stainless Steel <sup>1</sup> Not available on PD30R-X models	<b>S</b> Stainless Steel	<b>C</b> Hytrel <b>E</b> Carbon Steel <b>F</b> Aluminum <b>G</b> Nitrile <b>H</b> 440 Stainless Steel (Hard) <b>K</b> PVDF <b>L</b> Hastelloy <b>S</b> 316 Stainless Steel	<b>C</b> Hytrel <b>G</b> Nitrile <b>T</b> PTFE/Santoprene <b>V</b> Viton	<b>C</b> Hytrel <b>G</b> Nitrile <b>T</b> PTFE <b>V</b> Viton

## Accessories\*

### Air Line Connection Kit | Kit No. 66109

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. (PE30X pump model is required)

### Cycle Counter Kit | No. 67350-1

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. (PE30X pump model is required)

- Service Repair Kits |**
- Kit No. 637369 (air motor for PX30R)
  - Kit No. 637421 (air motor for PX30A and PX30S)
  - Kit No. 637374-X (major air valve assembly)
  - Kit No. 637303-XX (fluid section)

### Continuous-Duty Muffler | No. 67263

Helps reduce possibility of pump freeze-over caused by moisture in air supply. Recommended for continuous-duty and high-flow applications. Muffler features large expansion chamber, permitting cold exhaust air to exit pump.

67263 Continuous-Duty Muffler would be used to replace 94810 Muffler that comes standard with pump.



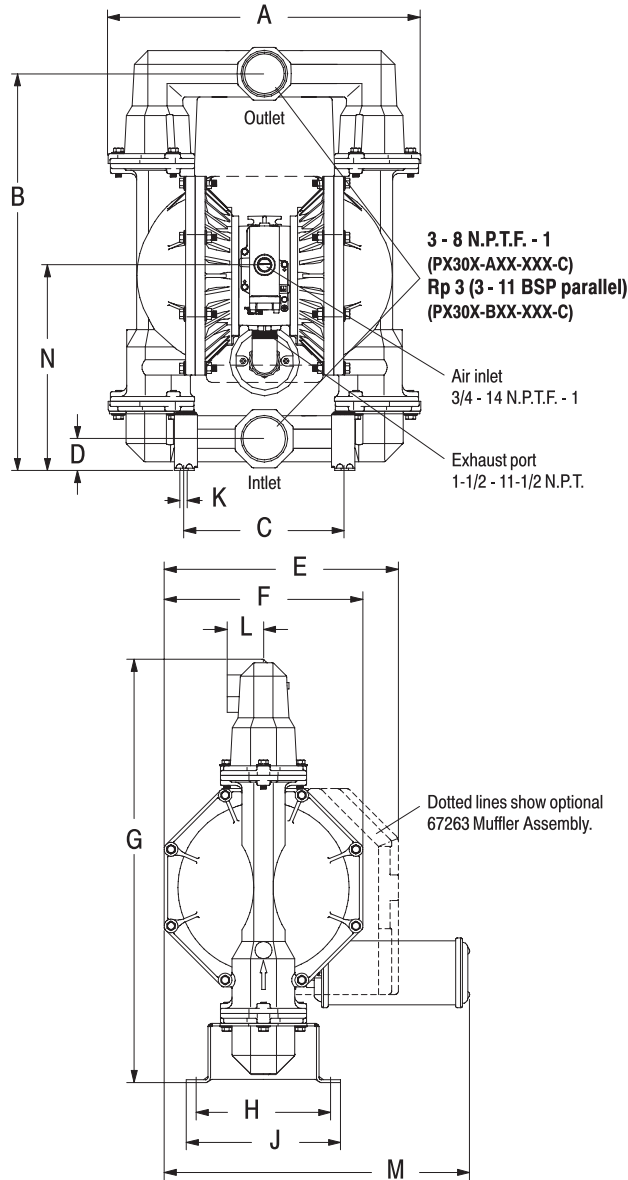
66109  
Air Line Connection



67263 Continuous Duty Muffler

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

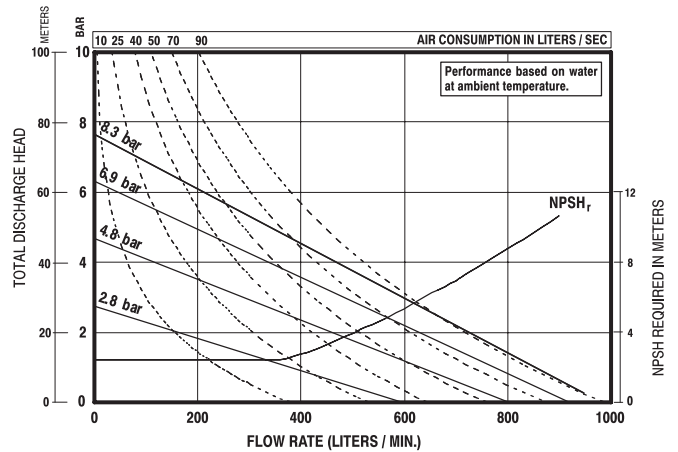
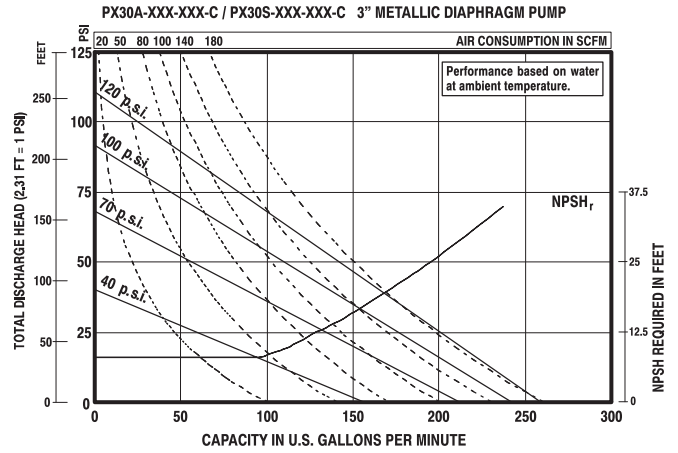
# 3" Metallic Dimensions and Flow Curves OEM / Transfer Pumps



## DIMENSIONS

A see below	F 15" (381 mm)	K 9/16" (14.3 mm)
B 30" (761.7 mm)	G 32" (812.5 mm)	L 2-3/4" (69.9 mm)
C 12-1/16" (306.5 mm)	H 10-5/32" (258 mm)	M 23-3/32" (586.3 mm)
D see below	J see below	N see below
E 17-11/16" (449.2 mm)		

	"A"	"D"	"J"	"N"
PX30X-XAX-XXX-C	23-5/8" (598.7 mm)	2-3/8" (60.3 mm)	11" (279.4 mm)	15-1/2" (393.7 mm)
PX30X-XCX-XXX-C	23-5/8" (598.7 mm)	2-7/16" (61.1 mm)	11-11/16" (296.1 mm)	15-1/2" (393.7 mm)
PX30X-XHX-XXX-C	23-1/8" (587.3 mm)	2-3/4" (69.9 mm)	11-11/16" (296.1 mm)	16" (406.4 mm)
PX30X-XSX-XXX-C	23-1/8" (587.3 mm)	2-3/4" (69.9 mm)	11-11/16" (296.1 mm)	16" (406.4 mm)



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

For additional information contact technical support at (800)495-0276

METALLIC