

# 3" Non-Metallic Models

## EXP SERIES PUMPS

ARO® EXP 3" non-metallic pumps achieve flow rates of up to 285 GPM (1079 LPM) and offer a wide array of material and porting configurations. 3" non-metallic pumps are often used for transfer, filling, recirculation and batching in Chemical, Industrial and Water/Wastewater treatment markets.

Ratio:	1:1
Maximum GPM (LPM):	285 (1079)
Displacement per cycle Gallons (Liters):	2.80 (10.6)
Air Inlet (Female):	3/4 - 14 N.P.T.
Fluid Inlet/Outlet:	3" ANSI/DIN flange
Max. operating pressure psi (bar):	120 (8.3)
Suspended solids max. dia. in. (mm):	3/8" (9.5)
Weight lbs (kg):	Polypropylene 170 (77.11) PVDF 242 (109.77)
Maximum dry suction lift ft (m):	20.5 (6.3)
Sound Level:	70 PSI 60 Cycles/Min 85.0 db(A)
Muffler Included:	67389

**UPGRADE**  
PUMP FOR REMOTE  
ACTUATION CAPABILITY



## Ordering

Position	1	2		3	4	5		6	7	8		9	10	11
Example:	PX30	P	-	X	X	S	-	X	X	X	-	A	X	X

Position 1 Model Series	Position 2 Center Section	Position 3 Connections	Position 4 Wetted Parts	Position 5 Hardware	Position 6 Seat Material	Position 7 Ball Material	Position 8 Diaphragm Material	Position 9
PD30 - Standard Pump PE30† - Electronic Interface Accessible Pump  † Call customer service for availability	P - Polypropylene	D - 3" ANSI 4-hole Flange F - 3" DIN 8-hole Flange	K - PVDF P - Polypropylene	S - SS	K - PVDF P - Polypropylene	A - Santoprene® C - Hytrel® G - Nitrile T - PTFE V - Viton®	A - Santoprene® C - Hytrel® G - Buna- N L - Long-Life PTFE T - PTFE/Santoprene®	Revision Level  <b>Position 10 &amp; 11 Specialty Code</b> Fluid control options for pump with electronic interface (PE30 model). See complete description on page 27

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## Accessories

**Air Line Connection Kit | 66109**

(Piggyback Filter/Regulator with gauge, pipe nipple and 5-foot air hose)

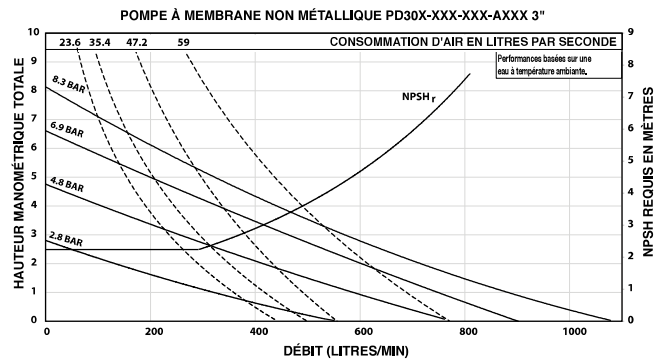
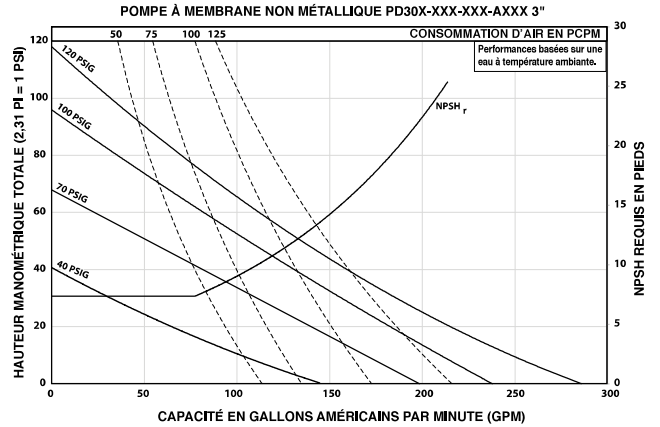
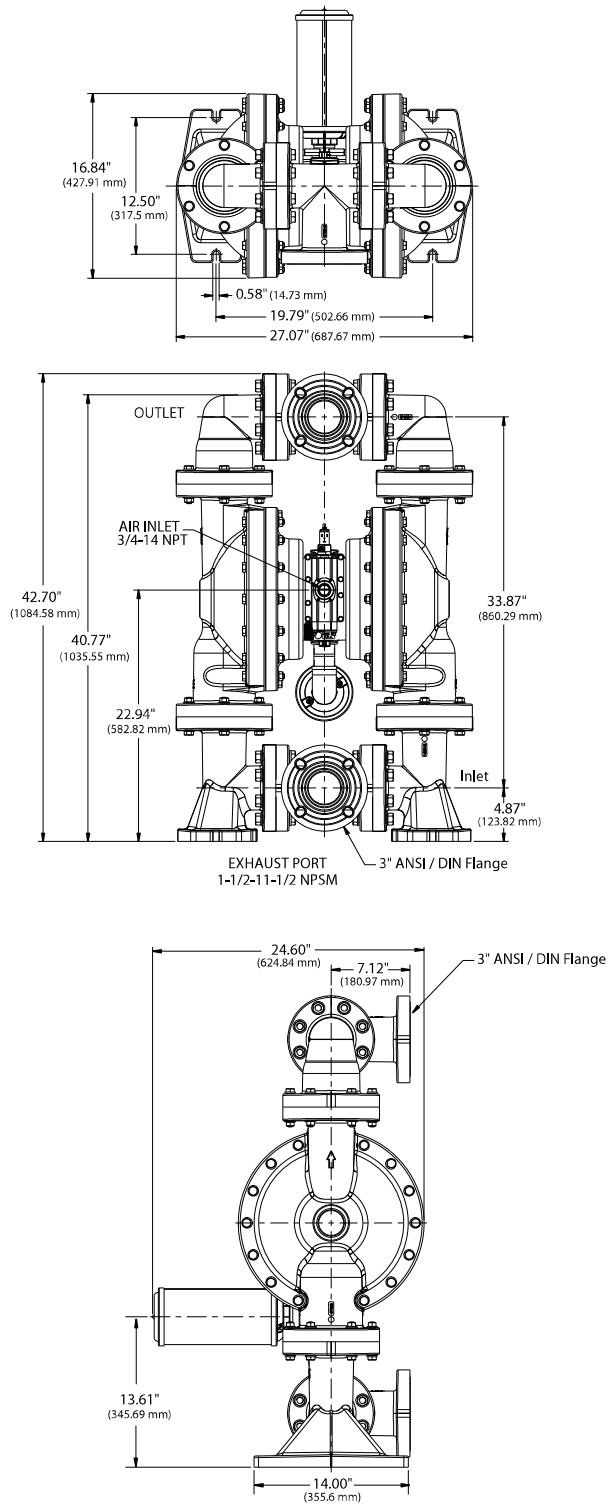
**Diaphragm Failure Detection | Kit No.67237**

**Cycle Sensor Kit | 67350-1**

**Service Repair Kits | 637369 (air motor), 637447-XXX (fluid section with seats),**

**637374-X (major air valve assembly)**

### 3" Non-Metallic Dimensions and Flow Charts



Refer to [www.AROzone.com](http://www.AROzone.com) for full size flow curves.  
For additional information contact  
technical support at 1.800.495.0276

#### Ordering Position 10 Specialty Code 1 (Blank if no Specialty Code)

- A - Solenoid 120VAC
- B - Solenoid 12VDC
- C - Solenoid 240VAC
- D - Solenoid 24VDC
- N - Solenoid with no coil
- O - Standard Valve Block (No Solenoid)
- P - Ported Motor (No major valve provided)

#### Ordering Position 11 Specialty Code 2 (Blank if no Specialty Code)

- E - End of stroke feedback + Leak Detection
- F - End of stroke feedback
- L - Leak detection
- O - No Option