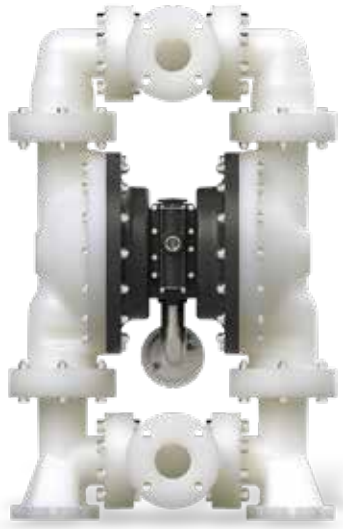
3″ Non-Metallic Models

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.

UPGRADE
PUMP FOR REMOTE ACTUATION CAPABILITY



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

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

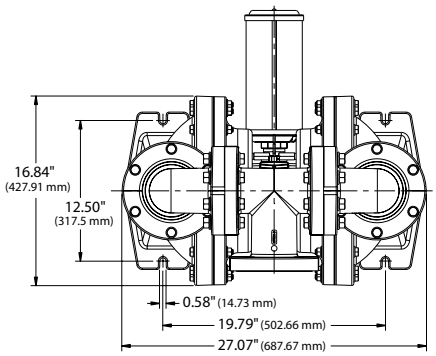
Position 1 Model Series	Position 2 Center Section	Position 3 Connections	Position 4 Wetted Parts	Position 5 Hardware	Position 6 Seat Material	Position 7 Ball Material	Position 8 Diaphragm Material	Position 9
PD30 - Standard Pump PE30† - Electronic Interface Accessible Pump † Call customer service for availability	P - Poly-propylene	D - 3″ ANSI 4-hole Flange F - 3″ DIN 8-hole Flange	K - PVDF P - Polypro-pylene	S - SS	K - PVDF P - Poly-propylene	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 **Position 10 & 11 Specialty Code** Fluid control options for pump with electronic interface (PE30 model). See complete description on page 27

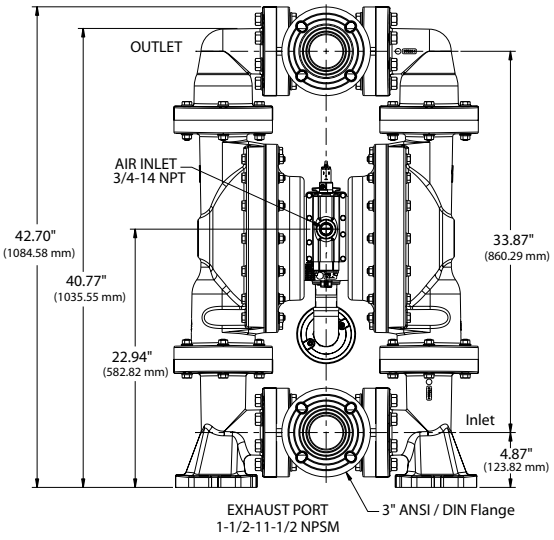
Hytrel® and Viton® are registered trademarks of the DuPont company. Santoprene® is a registered trademark of Monsanto Company, licensed to Advanced Elastomer Systems, L.P.

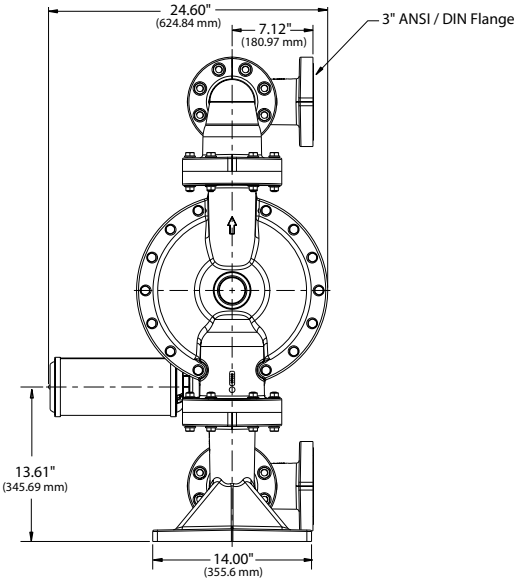
Accessories

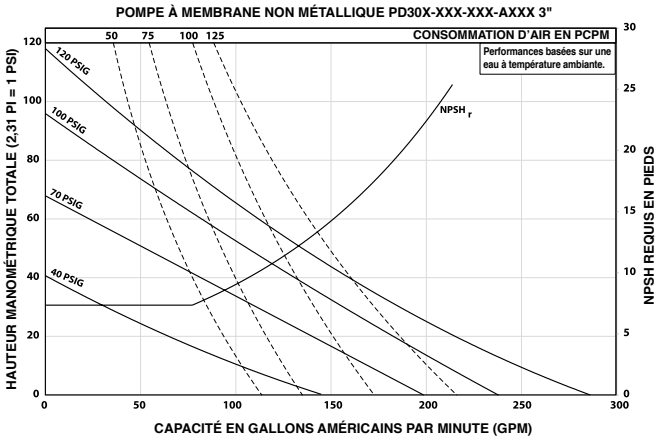
Air Line Connection Kit | 66109
(Piggyback Filter/Regulator with gauge, pipe nipple and 5-foot air hose)
Diaphragm Failure Detection | Kit No.67237
Cycle Sensor Kit | 67350-1
Service Repair Kits | 637369 (air motor), 637447-XXX (fluid section with seats), 637374-X (major air valve assembly)

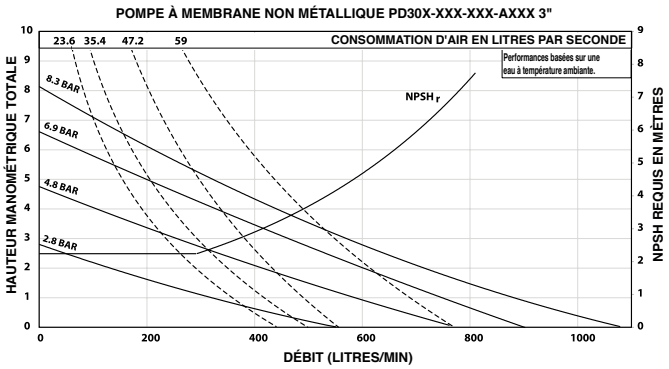
3″ Non-Metallic Dimensions and Flow Charts











Refer to www.AROzone.com 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

0 - 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