

# 1" Metallic Models

EXP SERIES PUMPS



**UPGRADE**  
PUMP FOR REMOTE  
ACTUATION CAPABILITY

ARO® EXP 1" metallic diaphragm pumps achieve flow rates of up to 52.2 GPM (197.6 LPM) and offer a wide array of material and porting configurations. These pumps are often used for transfer, filling, recirculation and batching in ceramic, industrial, chemical and petrochemical markets.

Ratio:	1:1
Maximum GPM (LPM):	52 (197)
Displacement per cycle Gallons (Liters):	0.232 (0.88)
Air Inlet (Female):	1/4 - 18 N.P.T.
Fluid Inlet/Outlet:	1 - 11-1/2 N.P.T.F.-1, Rp1(1-11 BSP)
Max. operating pressure psi (bar):	120 (8.3)
Suspended solids max. dia. in. (mm):	1/8" (3.3)
Weight lbs (kg):	
PX10R-XAX-XXX	20.7 (9.4)
PX10R-XCX-XXX	35.2 (16.0)
PX10R-XHX-XXX	39.6 (18.0)
PX10R-ASX-XXX,	38.2 (17.3)
PX10R-BSX-XXX	
PX10R-FSX-XXX	43.9 (19.9)

Note: Add 4.65 lbs (2.11 kg) for aluminum air motor  
Add 11.09 lbs (5.03 kg) for stainless steel air motor

Maximum dry suction lift ft(m):	19 (5.7)
Sound Level:	70 PSI 60 Cycles/Min 80.6 db
Muffler Included:	93110



PD10A-AAP-XXX



PD10A-FSS-XXX

## Ordering

Position	1	2		3	4	5		6	7	8		9	10	11
Example:	PX10	X	-	X	X	X	-	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
PD10- Standard Pump PE10 - Electronic Interface Accessible Pump	A - Aluminum* R - Polypropylene S - Stainless Steel*	A - NPTF Thread B - BSP Thread F - 1" ANSI/DIN Hybrid End Flange with Flat Face	A - Aluminum* C - Cast Iron H - Hastelloy-C* S - Stainless Steel*	P - Plated Steel S - SS	A - Santoprene® C - Hytrel® E - Carbon Steel F - Aluminum G - Nitrile H - 440 SS L - Hastelloy-C S - 316 SS	A - Santoprene® C - Hytrel® G - Nitrile S - 316 SS T - PTFE V - Viton®	A - Santoprene® C - Hytrel® G - Buna- N L - Long-Life PTFE T - PTFE/ Santoprene® V - Viton®	Revision Level <b>Position 10 &amp; 11 Specialty Code</b> Fluid control options for pump with electronic interface (PE10 model). See complete description on back page

\* Acceptable for use in hazardous locations. - NEC / CEC: Class I&II, Div 1&2 , Group A-D  
- ATEX: Zone 1&2, 21&22

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## Accessories

**Air Line Connection Kit** | 66073-2 (Piggyback Filter/Regulator with gauge, pipe nipple and 5-foot air hose)

**Diaphragm Failure Detection** | 67237

**Cycle Sensor Kit** | 67350 (PE10X pump model is required)

**Service Repair Kits** | 637397 (air motor for PX10A, PX10R and PX10S),

637401-XXX (fluid section with seats)

637395-X (major air valve assembly)



