



Model FPD15A-XXX-XXX

AIR OPERATED DOUBLE DIAPHRAGM PUMPS

Specifications

Suction & Discharge Size: 1 1/2" FNPT x 1 1/2" NPT

Porting Location: Center / End

Connection Types: NPT/BSP

Air Inlet: 1/2" FNPT

Exhaust port: 3/4" FNPT

Santoprene, Hytrel, or PTFE balls and diaphragms

Aluminum Shipping Weight : 37.65 lbs. (17.08 Kg)

Capabilities

Maximum Flow Rate: 123 gpm (465.6 lpm)

Maximum Air Supply Pressure: 120 psi (7 bar)

Displacement Per Stroke: 0.617 gal (2.34 lit)

Minimum Air Inlet Pressure: 10 psig (0.7 bar)

Maximum Particle Size : 0.25. in (6.4 mm)

Operating temperature: Determined by elastomers

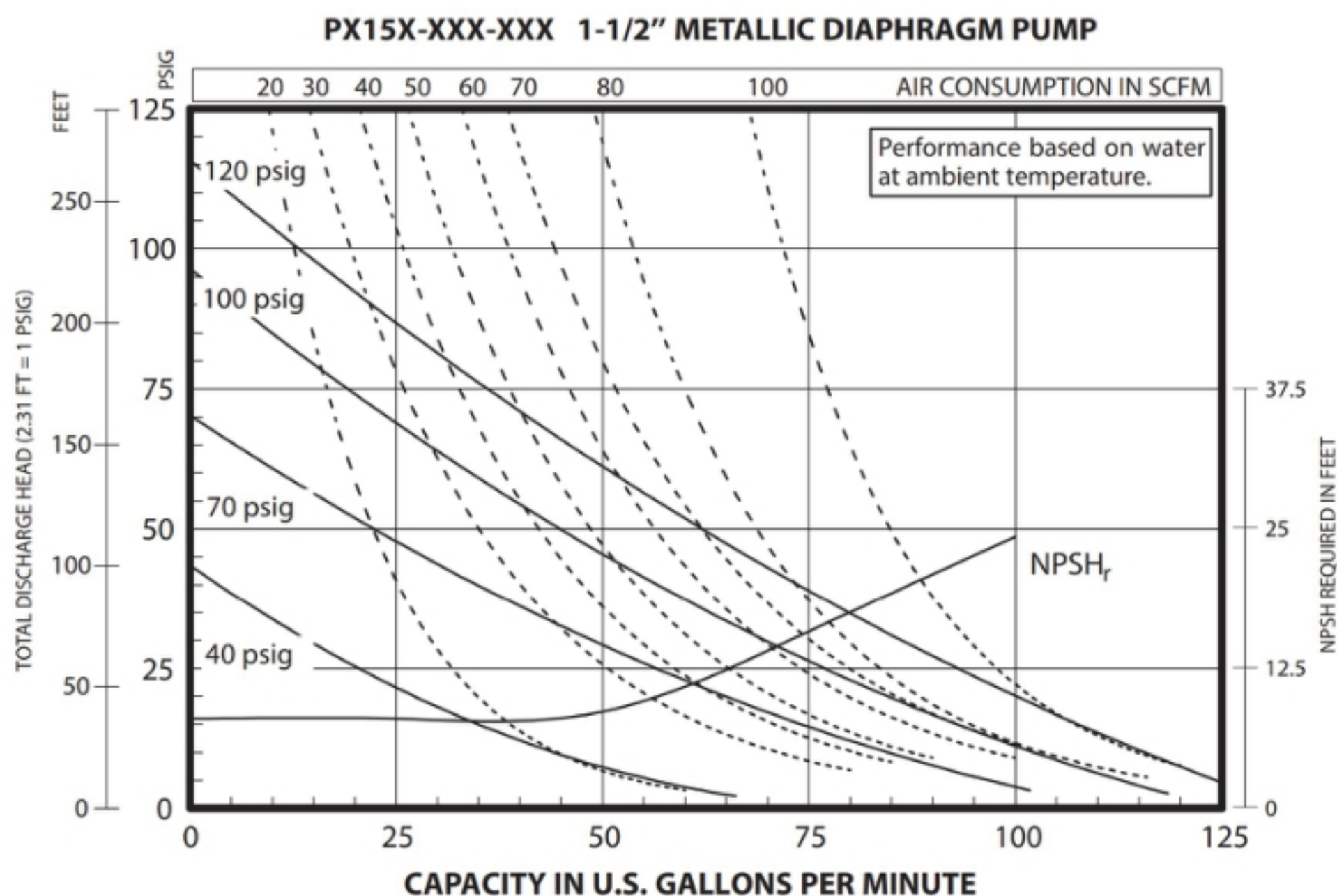
**Compatible with ARO Compact Classic Style model*

**Dimensionally interchangeable*

**Complete parts interchangeability*



FPD10A Performance



Typical Applications

- Acids & Bases
- Plating Solutions
- Paints, Inks, Solvents

Typical Industries

- Mining
- Paints and Coatings
- Ceramics
- Pulp and Paper
- Electroplating & Anodizing
- Wastewater
- Marine
- Chemical Manufacturing & Distribution
- OEM's

Construction

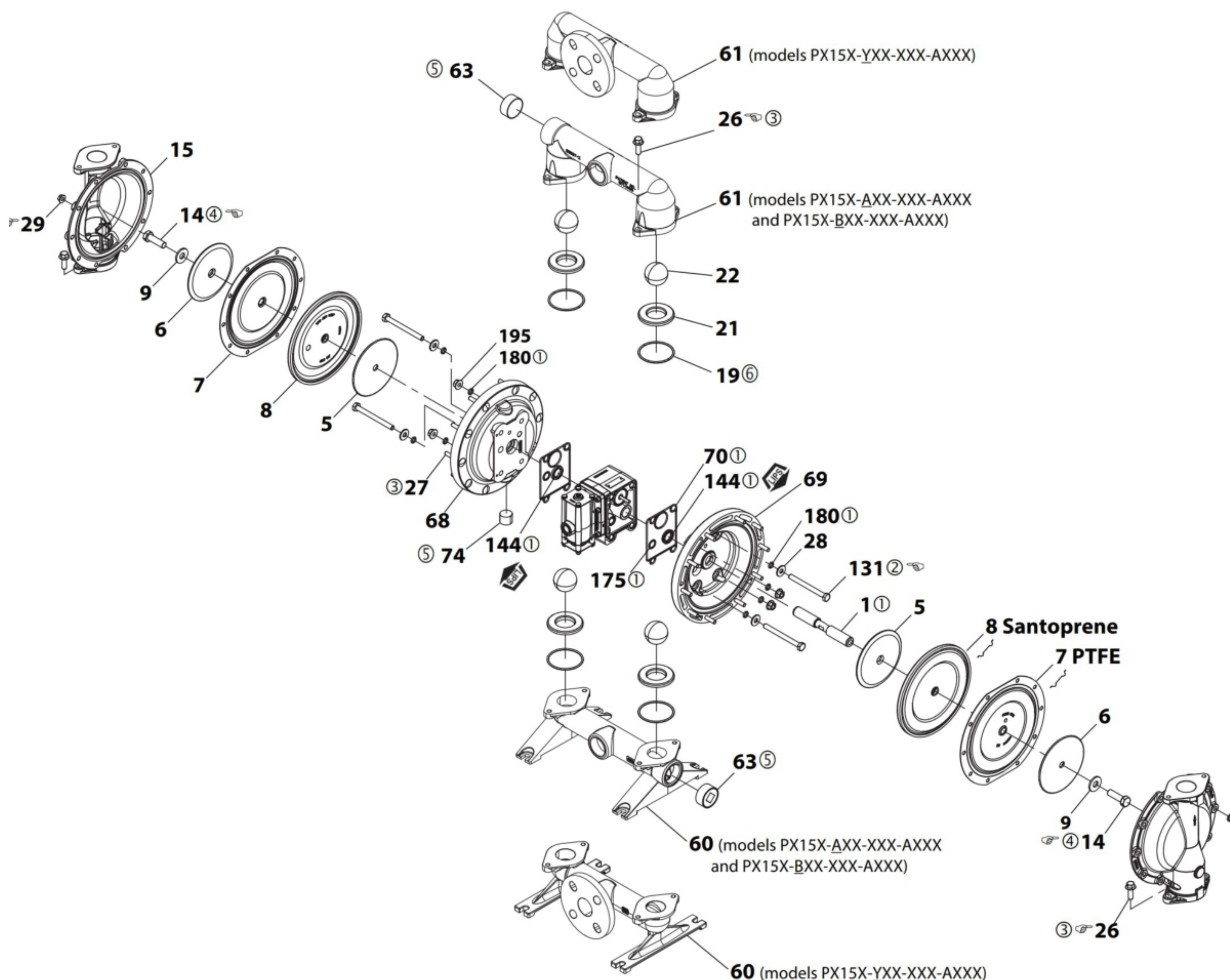
Wetted Materials:	Aluminum
Diaphragm Materials:	Neoprene, Santoprene™, FKM, EPDM, PTFE, Buna, Hytrel®,
Air Valve:	Aluminum
Ball Materials:	Neoprene, Buna, EPDM, FKM, Santoprene™, PTFE
Seat Materials:	Aluminum, 316SS, PTFE, Hytrel, Buna, Neoprene, EPDM, FKM, Santoprene™
O-ring Materials:	Neoprene, Buna, EPDM, FKM, PTFE, FEP/FKM

Santoprene™ is a registered tradename of Exxon Mobil Corp.

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Dimensions

Maximum Height:	19.62" (498.1 mm)
Maximum Width:	14.87" (377.8 mm)
Maximum Depth:	14.03" (356.2 mm)



Part Number Model Codes

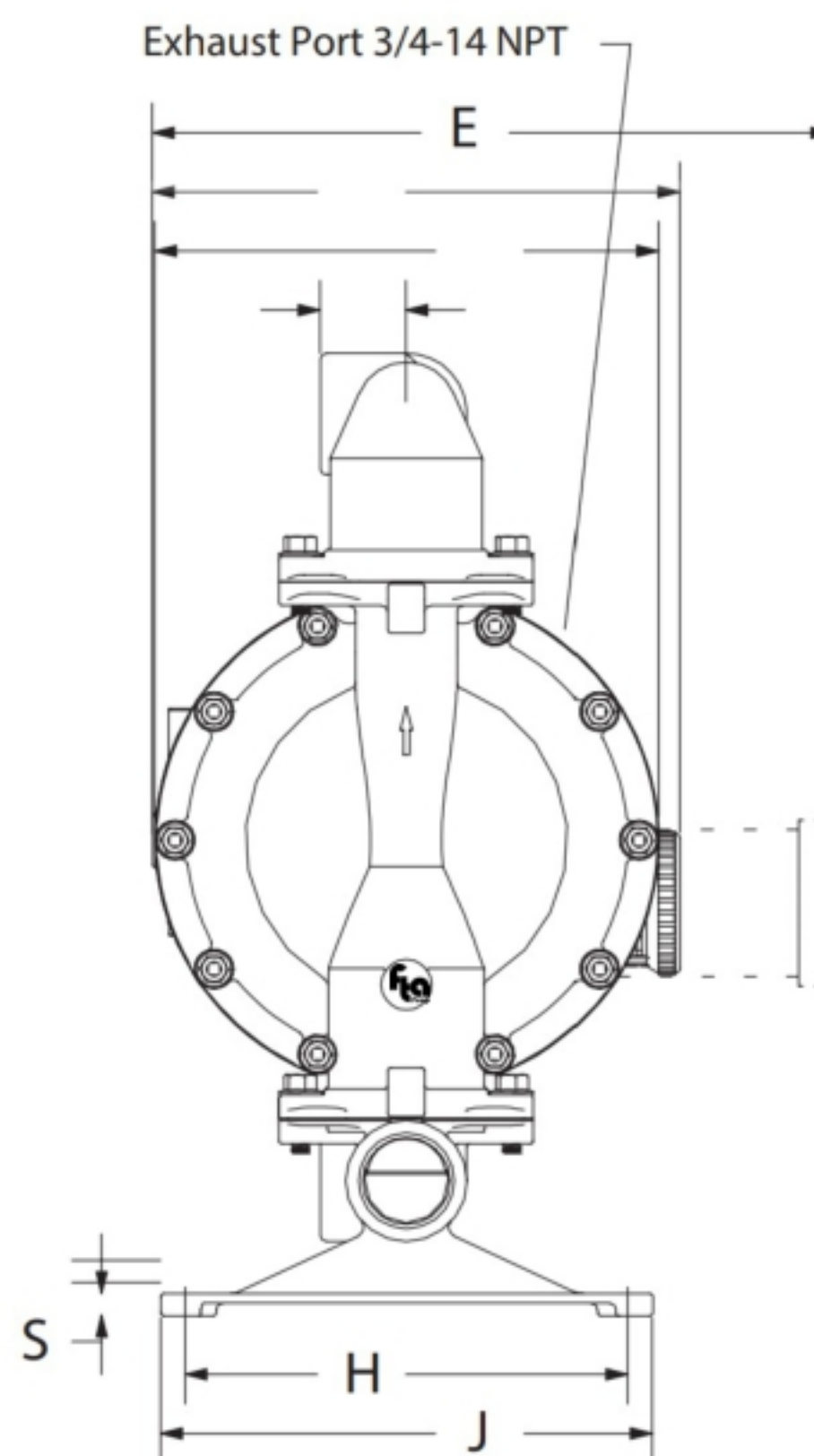
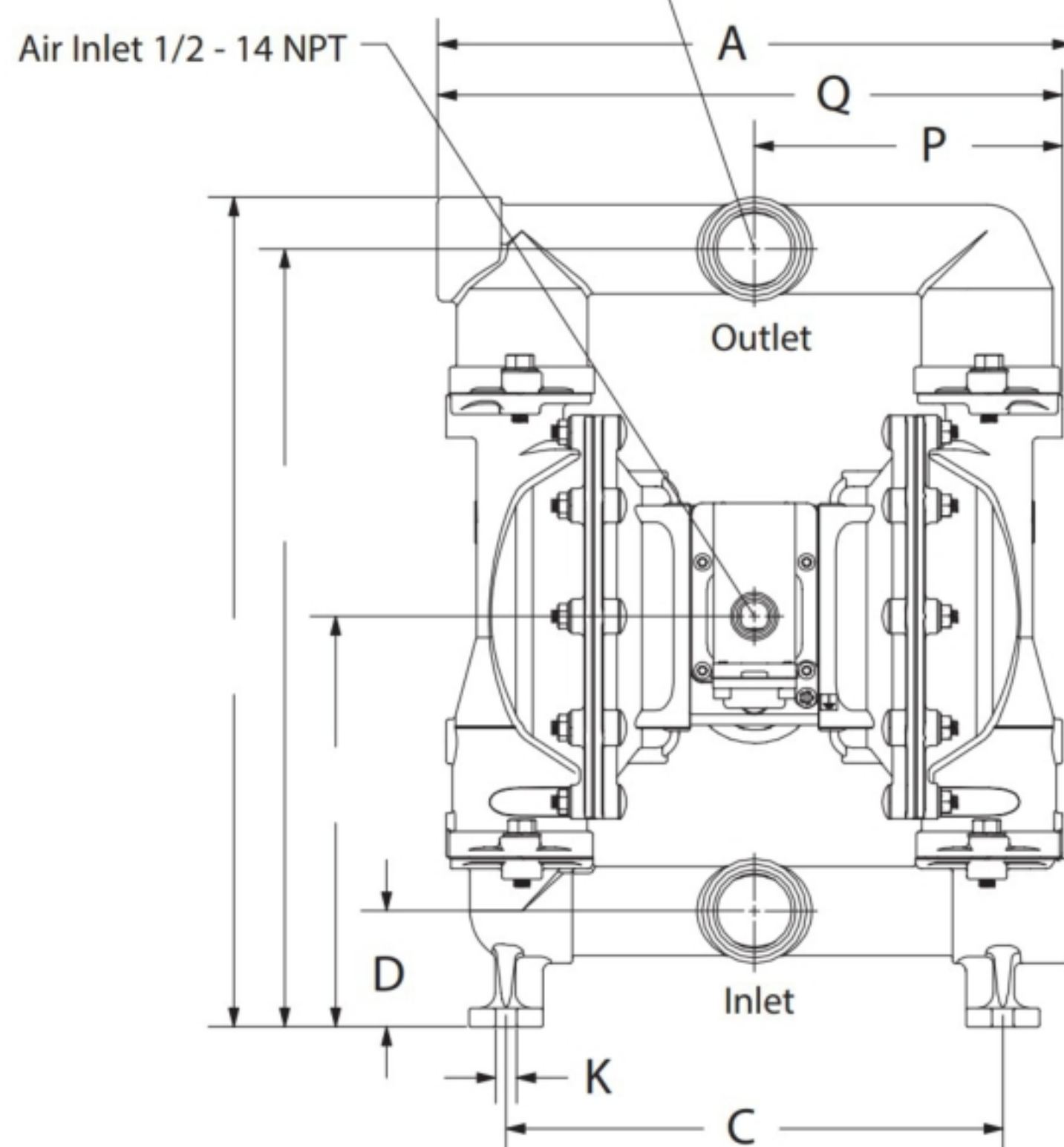
Model	Fluid Cap & Manifold	Seat Material	Ball Material	Diaphragm Material
FPD15A-AAP-AAA	A	A	A	A
FPD15A-AAP-STT	A	S	T	T

FTA Replacement Parts

ARO® Part No.	FTA Part No.	Description
637375-AAA	F637375-AAA	Wet End Kit, Santoprene®
637375-TT	F637375-TT	Wet End Kit, PTFE
637390-X	F637390-X	Air End Kit



(PX15X-AXX-XXX) 1-1/2 - 11-1/2 NPTF - 1
(PX15X-BXX-XXX) Rp 1-1/2 (1-1/2 - 11 BSP)



FD15X Dimensions

E - 14-7/8" (377.8 mm)	J - 10" (254.0 mm)	N - 9.68" (246.0 mm)
F - 10.25" (260.4 mm)	K - 0.5" (12.7 mm)	P - see below
G - 19.62" (498.1 mm)	L - see below	Q - see below
H - 9" (228.6 mm)	M - 0.25" (6.4 mm)	R - 21.43" (543.9 mm)

Temperature Range for Internal Materials

Material	Maximum	Minimum
Polypropylene	175°F (79° C)	35°F (2° C)
Santoprene®	225°F (107° C)	-40°F (-40° C)
PTFE	225°F (107° C)	40°F (4° C)

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