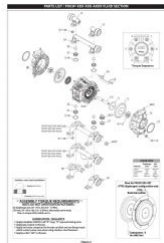
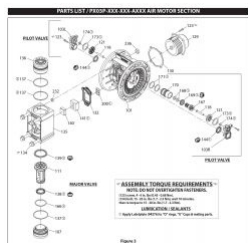


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ARO PD03P-APS-PAA Diaphragm Pump - 3/8" Non-metallic

Item#: PD03P-APS-PAA | Model#: PD03P-APS-PAA Series#: PD03P-XXS-XXX



Description:

ARO PD03P-APS-PAA 3/8" Diaphragm Pumps. Max Flow of 10.6 gpm (40.1 lpm), 0.022 gallons (0.083 lit) Max Discharge, 9.25 ft (2.8 m) Max Suction and Max allowable 1/16" (1.6 mm) Solid Size.

Price: **USD** ~~\$456⁷⁵~~ **\$379⁶²**

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Technical Specification

PD03P-APS-PAA Product Specific Data

Center Section Material	Polypropylene
Connection Type	NPTF
Fluid Cap & Manifold Material	Polypropylene (Single Port)
Hardware Material	Stainless Steel
Seat Material	Polypropylene
Ball Material	Santoprene
Diaphragm Material	Santoprene

Series Data

Pump Type	Diaphragm Pump
Max Air Inlet Pressure	6.9 bar (100 psi)
Max Material Inlet Pressure	6.9 bar (100 psi)
Max Outlet Pressure	6.9 bar (100 psi)
Air Consumption @ 40 psig	1 cfm/gallon (approx)
Displacement/Cycle @ 100 psig	0.022 gallons (0.083 lit)
Max Solid Size	1/16" (1.6 mm)
Max Flow Rate	10.6 gpm (40.1 lpm)
Max Temperature Limits (F)	-400° to 350°
Size	0.375" (9.5 mm)
Air Inlet (Female)	1/4-18 PTF SAE Short
Air Exhaust (Standard)	Internal
Ratio	1:1
Noise Level @ 70 psi, 60 cpm	72.7 db(A)
Maximum Dry Suction Lift	9.25 ft (2.8 m)
Muffler	Integral, Included

Product Dimensions

Weight	4.62 lb
Width	202.30 mm, 7.96 in
Height	236.20 mm, 9.30 in
Length	145.20 mm, 5.72 in

Technical Documents

Document Title

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December 5, 2020
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<http://www.pumpsandinstrumentations.com/PD03P-APS-PAA>

Specifications
Operator's Manual

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Parts List

Position	Part Number	Part Details	Quantity	Price
1	96532	96532 - Connecting Rod, Material Stainless Steel for Diaphragm Pumps by Ingersoll Rand [Materials: Stainless Steel]	1	\$20.50
5	96556	96556 - Diaphragm Washer, Material Glass Filled Nylon for Diaphragm Pumps by Ingersoll Rand [Materials: Glass Filled Nylon]	2	\$3.40
6	93810-7	93810-7 - Diaphragm Nut (1/4" - 20) for Diaphragm Pumps by Ingersoll Rand [Materials: Polypropylene]	2	\$7.30
7	96533-A	96533-A - Diaphragm for Diaphragm Pumps by Ingersoll Rand [Materials: Santoprene]	2	\$6.70
15	96460-1	96460-1 - Fluid Cap for Diaphragm Pumps by Ingersoll Rand [Materials: Polypropylene]	2	\$19.30
19	93761	93761 - "O" Ring (1-1/8" OD) for Diaphragm Pumps by Ingersoll Rand [Materials: E.P.R.]	4	\$2.70
21	96580-1	96580-1 - Seat Option for Diaphragm Pumps by Ingersoll Rand [Materials: Polypropylene]	4	\$2.10
22	96481-A	96481-A - Ball Option for Diaphragm Pumps by Ingersoll Rand [Materials: Santoprene]	4	\$2.30
29	93828	93828 - Nut (1/4" - 20), Material Stainless Steel for Diaphragm Pumps by Ingersoll Rand [Materials: Stainless Steel]	20	\$4.00
60	96468-1	96468-1 - Inlet Manifold for Diaphragm Pumps by Ingersoll Rand [Materials: Polypropylene]	1	\$27.20
63	96469-4	96469-4 - Outlet Manifold for Diaphragm Pumps by Ingersoll Rand [Materials: Polypropylene]	1	\$23.70
77	93264	93264 - Logo Plate, Material Aluminum for Specialty Series by Ingersoll Rand [Materials: Aluminum]	2	
101	96466	96466 - Center Body, Material Glass Filled Polypropylene for Diaphragm Pumps by Ingersoll Rand [Materials: Glass Filled Polypropylene]	1	\$30.80
103R	96488	96488 - Cover (right side), Material Acetal for Diaphragm Pumps by Ingersoll Rand [Materials: Acetal]	1	\$4.50
103L	96489	96489 - Cover (left side), Material Acetal for Diaphragm Pumps by Ingersoll Rand [Materials: Acetal]	1	\$4.50
107	96353	96353 - Plug, Small, Material Acetal for Diaphragm Pumps by Ingersoll Rand [Materials: Acetal]	1	\$5.80
111	95919	95919 - Major Valve Spool, Material Acetal for Diaphragm Pumps by Ingersoll Rand [Materials: Acetal]	1	\$5.80
121	96092	96092 - Washer, Material Acetal for Diaphragm Pumps by Ingersoll Rand [Materials: Acetal]	2	\$1.80
123	96093	96093 - Screw (#4 - 20 x 1/2"), Material Stainless Steel for Diaphragm Pumps by Ingersoll Rand [Materials: Stainless Steel]	12	\$1.60
129	96542	96542 - Muffler Baffle, Material Polypropylene for Diaphragm Pumps by Ingersoll Rand [Materials: Polypropylene]	1	\$7.10
130	95931	95931 - Washer (1/4"), Material Carbon Steel for Diaphragm Pumps by Ingersoll Rand	1	\$1.80
132	96214-1	96214-1 - Air Manifold Gasket for Diaphragm Pumps by Ingersoll Rand [Materials: Nitrile]	1	\$4.60
134	96487	96487 - Flange Bolt (1/4" - 20 x 3/4"), Material Stainless Steel for Diaphragm Pumps by Ingersoll Rand [Materials: Stainless Steel]	4	\$3.40
135	96204	96204 - Valve Block, Material Glass filled Polypropylene for Diaphragm Pumps by Ingersoll Rand [Materials: Glass filled Polypropylene]	1	\$19.30
136	96352	96352 - Plug, Large, Material Acetal for Diaphragm Pumps by Ingersoll Rand [Materials: Acetal]	1	\$5.80

138	94395	94395 - "U" Cup Packing (1/8" x 1" o.d.), Material Polyurethane for Diaphragm Pumps by Ingersoll Rand [Materials: Polyurethane]	1	\$8.70
139	96383	96383 - "U" Cup Packing (1/8" x 1-7/16" o.d.), Material Polyurethane for Diaphragm Pumps by Ingersoll Rand [Materials: Polyurethane]	1	\$7.00
141	96173	96173 - Valve Plate, Material Ceramic for Diaphragm Pumps by Ingersoll Rand [Materials: Ceramic]	1	\$20.60
144	Y187-47	Y187-47 - "U" Cup Packing (1/8" x 3/4" o.d.), Material Nitrile for Diaphragm Pumps by Ingersoll Rand [Materials: Nitrile]	2	\$2.70
166	Y325-24	Y325-24 - "O" Ring (1/16" x 1-1/4" o.d.), Material Nitrile for Diaphragm Pumps by Ingersoll Rand [Materials: Nitrile]	1	\$3.20
167	67382	67382 - Pilot Piston (includes 168 and 169), Material Acetal for Diaphragm Pumps by Ingersoll Rand [Materials: Acetal]	1	\$26.10
168	96459	96459 - "O" Ring (1/16" x 7/16" o.d.), Material Polyurethane for Diaphragm Pumps by Ingersoll Rand [Materials: Polyurethane]	2	\$2.10
169	96384	96384 - "U" Cup Packing (1/8" x 5/8" o.d.), Material Polyurethane for Diaphragm Pumps by Ingersoll Rand [Materials: Polyurethane]	1	\$17.30
170	96090	96090 - Spool Bushing, Material Acetal for Diaphragm Pumps by Ingersoll Rand [Materials: Acetal]	1	\$3.40
171	Y325-17	Y325-17 - "O" Ring (1/16" x 13/16" o.d.), Material Nitrile for Diaphragm Pumps by Ingersoll Rand [Materials: Nitrile]	2	\$2.60
200	96364	96364 - Porting Gasket, Material Nitrile for Diaphragm Pumps by Ingersoll Rand [Materials: Nitrile]	1	\$1.10
236	Y12-4-S	Y12-4-S - Nut (1/4" - 20) for Diaphragm Pumps by Ingersoll Rand [Materials: Stainless Steel]	4	\$3.80

Accessories

ID	Short Details	Price
637442-1	ARO 637442-1 Service KIT, Inlet/Outlet for Diaphragm Pumps	\$133.00 \$126.35
637442-2	ARO 637442-2 Service KIT, Inlet/Outlet for Diaphragm Pumps	\$379.00 \$360.05
637442-3	ARO 637442-3 Service KIT, Inlet/Outlet for Diaphragm Pumps	\$401.00 \$380.95
637442-4	ARO 637442-4 Service KIT, Inlet/Outlet for Diaphragm Pumps	\$357.00 \$339.15
637442-5	ARO 637442-5 Service KIT, Inlet/Outlet for Diaphragm Pumps	\$378.00 \$359.10
637442-6	ARO 637442-6 Service KIT, Inlet/Outlet for Diaphragm Pumps	\$406.00 \$385.70
66073-1	ARO 66073-1 Air Line Connection Kit	\$189.00 \$152.36
66975	ARO 66975 Cycle Counter Kit	\$1181.00 \$1121.95
67165-1	ARO 67165-1 Cycle Actuation 24VDC 67165-1 for Diaphragm Pumps	\$223.00 \$211.85
67165-2	ARO 67165-2 Cycle Actuation 120VAC for Diaphragm Pumps	\$223.00 \$211.85
67165-3	ARO 67165-3 Cycle Actuation NO COIL for Diaphragm Pumps	\$207.00 \$196.65
67386	Cycle Sensor Kit	\$144.00 \$136.80
67388	ARO 67388 Wall Mount Bracket	\$63.30

Service Kits

ID	Short Details	Price
637428	ARO 637428 Air Section Service Kit	\$73.60
637428	ARO 637428 Air Section Service Kit	\$73.60
637429-AA	637429-XX Fluid Section Service Kits	\$56.90
637429-AA	637429-XX Fluid Section Service Kits	\$56.90