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6CCK2



6CCJ9



6CCL6



6CCL0



4RN14

ARO[®] Air-Operated Double Diaphragm Pumps—EXP Series

Provide stall-free, ice-free operation. Pumps feature Quick Dump exhaust valves that divert cold exhaust air from ice-prone components to help prevent freezing. Unbalanced air valve design helps avoid stalling issues associated with other pumps. Suitable for wastewater treatment, recirculating plating solutions, bulk transfer, and chemical formulation applications. Flanges are standard ANSI 150# flanges. 5-yr. manufacturer's warranty.

Inlet/Outlet Size	Connection Style	Air Inlet Size	Max. Temp	Max. Flow (gpm)*	Diaphragm Material	Ball Material	Check Seat Material	Max. Dia. Solids	Manifold Connection†	H	Mfr. Model	PUMP Item No.	FLUID END REPAIR KIT Item No.	AIR END REPAIR KIT Item No.
Aluminum Housing														
1 in	NPT	¼ in FNPT	180 °F	52	Nitrile	Nitrile	Nitrile	½ in	Multiport	12 ¼ in	PD10A-AAP-GGG	6CCK8	6DMC9	6DMA6
	NPT	¼ in FNPT	200 °F	52	PTFE	PTFE	Aluminum	½ in	Multiport	12 ¼ in	PD10A-AAP-FTT	6CCK7	6DMDD	6DMA6
1 ¼ in	NPT	½ in FNPT	180 °F	60	Santoprene	Santoprene	Santoprene	½ in	Multiport	12 ¼ in	PD10A-AAP-AAA	6CCK6	6DMC8	6DMA6
	NPT	½ in FNPT	200 °F	123	Nitrile	Nitrile	Nitrile	½ in	Single	16 ½ in	PW10A-AAP-GGG	6CCK5	6DMC9	6DMA6
1 ½ in	NPT	½ in FNPT	180 °F	60	PTFE	PTFE	Aluminum	½ in	Single	16 ½ in	PD15A-AAP-GGG	6CCN5	6DMC2	6DMA5
	NPT	½ in FNPT	200 °F	123	PTFE	PTFE	Aluminum	½ in	Multiport	19 ¾ in	PW10A-AAP-FTT	6CCK3	6DMDD	—
1 ¼ in	NPT	½ in FNPT	200 °F	60	Santoprene	Santoprene	Santoprene	½ in	Single	16 ½ in	PD15A-AAP-AAA	6CCK4	6DMC3	6DMA5
	NPT	½ in FNPT	200 °F	123	Santoprene	Santoprene	Santoprene	½ in	Multiport	19 ¾ in	PW10A-AAP-AAA	6CCK2	6DMC8	6DMA6
1 ½ in	NPT	½ in FNPT	200 °F	60	Santoprene	Santoprene	Santoprene	½ in	Multiport	19 ¾ in	PD15A-AAP-AAA	6CCN3	6DMC1	6DMA5
	NPT	¾ in FNPT	180 °F	172	Viton	Viton	Aluminum	¾ in	Single	26 ¾ in	PW10A-AAP-FVV	6CCK4	6DMD1	6DMA6
2 in	NPT	¾ in FNPT	200 °F	172	Nitrile	Nitrile	Nitrile	¾ in	Multiport	26 ¾ in	PD20A-AAP-GGG-B	6CCP8	4RN13	6DMA7
	NPT	¾ in FNPT	180 °F	172	PTFE	PTFE	Stainless Steel	¾ in	Multiport	26 ¾ in	PD20A-AAP-STT-B	6CCN6	4RN14	6DMA7
3 in	NPT	¾ in FNPT	200 °F	275	Santoprene	Santoprene	Santoprene	¾ in	Multiport	32 in	PD20A-AAP-AAA-B	6CCP6	4RN12	6DMA7
	NPT	¾ in FNPT	180 °F	275	Nitrile	Nitrile	Nitrile	¾ in	Single	32 in	PD30A-AAP-GGG-C	6CCR8	6DMA8	6DMA7
3 in	NPT	¾ in FNPT	200 °F	275	PTFE	PTFE	Aluminum	¾ in	Multiport	32 in	PD30A-AAP-FTT-C	6CCP4	33RN28	6DMA7
	NPT	¾ in FNPT	200 °F	275	Santoprene	Santoprene	Santoprene	¾ in	Single	32 in	PD30A-AAP-AAA-C	6CCR7	4RN10	6DMA7
Cast-Iron Housing														
1 in	NPT	¼ in FNPT	200 °F	52	Santoprene	Santoprene	Santoprene	½ in	Multiport	12 ¼ in	PD10A-ACP-AAA	6CCL1	6DMC8	6DMA6
1 ½ in	NPT	½ in FNPT	200 °F	123	Santoprene	Santoprene	Santoprene	½ in	Multiport	19 ¾ in	PD15A-ACP-AAA	6CCN8	6DMC1	6DMA5
2 in	NPT	¾ in FNPT	200 °F	172	Santoprene	Santoprene	Santoprene	¾ in	Multiport	26 ¾ in	PD20A-ACP-AAA-B	6CCR1	4RN12	6DMA7
3 in	NPT	¾ in FNPT	200 °F	275	Santoprene	Santoprene	Santoprene	¾ in	Single	32 in	PD30A-ACP-AAA-C	6CCT0	4RN10	6DMA7
Polypropylene Housing														
¾ in	NPT	¼ in FNPT	150 °F	8.7	Hytril	Nitrile	Polypropylene	¼ in	Single	9 ¾ in	PD03P-APS-0JC	6CCJ9	6DMD2	5XB26
	NPT	¼ in FNPT	150 °F	8.7	PTFE	Viton	Polypropylene	¼ in	Single	9 ¾ in	PD03P-APS-0LT	6CCK0	6DMD5	5XB26
1 in	NPT	¼ in FNPT	150 °F	8.7	Santoprene	Neoprene	Polypropylene	¼ in	Single	9 ¾ in	PD03P-APS-0NA	6CCK1	6DMD3	5XB26
	Flange	¼ in FNPT	150 °F	53	PTFE	PTFE	Polypropylene	¼ in	Flanged	14 ¾ in	PD10P-YPS-PTT	6CCN0	6DMC7	6DMA6
1 in	Flange	¼ in FNPT	150 °F	53	PTFE	PTFE	Polypropylene	¼ in	Flanged	16 in	PD10P-FPS-PTT	6CCL8	6DMC7	6DMA6
	Flange	¼ in FNPT	150 °F	53	Santoprene	Santoprene	Polypropylene	¼ in	Flanged	14 ¾ in	PD10P-YPS-PAA	6CCL9	6DMC6	6DMA6
1 in	Flange	¼ in FNPT	150 °F	53	Santoprene	Santoprene	Polypropylene	¼ in	Flanged	16 in	PD10P-FPS-PAA	6CCL7	6DMC6	6DMA6
	Flange	½ in FNPT	150 °F	123	PTFE	PTFE	Polypropylene	½ in	Flanged	24 ½ in	PD15P-FPS-PTT	6CCP1	6DMC5	6DMA5
1 ½ in	Flange	½ in FNPT	150 °F	123	PTFE	PTFE	Polypropylene	½ in	Flanged	24 ½ in	PD15P-YPS-PTT	6CCP3	6DMC5	6DMA5
	Flange	½ in FNPT	150 °F	123	Santoprene	Santoprene	Polypropylene	½ in	Flanged	24 ½ in	PD15P-FPS-PAA	6CCP0	6DMC4	6DMA5
1 in	NPT	¼ in FNPT	150 °F	53	PTFE	PTFE	Polypropylene	¼ in	Flanged	24 ¾ in	PD15P-YPS-PAA	6CCP2	6DMC4	6DMA5
	NPT	¼ in FNPT	150 °F	53	Santoprene	Santoprene	Polypropylene	¼ in	Single	14 ¾ in	PD10P-APS-PTT	6CCL6	6DMC7	6DMA6
2 in	NPT	¾ in FNPT	150 °F	184	PTFE	PTFE	Polypropylene	¾ in	Single	31 ¾ in	PD10P-APS-PAA	6CCL5	6DMC6	6DMA6
	Flange	¾ in FNPT	150 °F	184	Santoprene	Santoprene	Polypropylene	¾ in	Flanged	31 ¾ in	PD20P-FPS-PTT	6CCR5	6DMC0	6DMA4
2 in	Flange	¾ in FNPT	150 °F	184	Santoprene	Santoprene	Polypropylene	¾ in	Flanged	31 ¾ in	PD20P-FPS-PAA	6CCR4	6DMA9	6DMA4
	NPT	¾ in FNPT	200 °F	52	PTFE	PTFE	Stainless Steel	½ in	Multiport	12 ¼ in	PD10A-ASS-STT	6CCL4	6DMDD	6DMA6
1 in	NPT	¼ in FNPT	200 °F	52	PTFE	PTFE	Stainless Steel	½ in	Multiport	12 ¼ in	PD10R-ASS-STT	6CCN1	6DMDD	6DMA6
	NPT	¼ in FNPT	200 °F	52	Santoprene	Santoprene	Santoprene	½ in	Multiport	12 ¼ in	PD10R-ASS-AAA	6CCL2	6DMC8	6DMA6
1 ½ in	NPT	½ in FNPT	200 °F	52	Santoprene	Santoprene	Santoprene	½ in	Multiport	12 ¼ in	PD10R-ASS-AAA	6CCL0	6DMC8	6DMA6
	NPT	½ in FNPT	200 °F	123	PTFE	PTFE	Stainless Steel	¾ in	Multiport	19 ¾ in	PD15A-ASS-STT	6CCN9	6DMC3	6DMA5
1 ½ in	NPT	½ in FNPT	200 °F	123	Santoprene	Santoprene	Santoprene	¾ in	Multiport	19 ¾ in	PD15A-ASS-AAA	6CCN2	6DMC1	6DMA5
	NPT	¾ in FNPT	200 °F	172	PTFE	PTFE	Stainless Steel	¾ in	Multiport	26 ¾ in	PD20A-ASS-STT-B	6CCR2	4RN14	6DMA7
2 in	NPT	¾ in FNPT	200 °F	172	Santoprene	Santoprene	Santoprene	¾ in	Multiport	26 ¾ in	PD20A-ASS-AAA-B	6CCN7	4RN12	6DMA7
	NPT	¾ in FNPT	200 °F	275	PTFE	PTFE	Stainless Steel	¾ in	Single	32 in	PD30A-ASS-STT-C	6CCP7	33RN28	6DMA7
3 in	NPT	¾ in FNPT	200 °F	275	Santoprene	Santoprene	Santoprene	¾ in	Single	32 in	PD30A-ASS-AAA-C	6CCP5	4RN10	6DMA7

* Flow rate depends on air pressure and fluid viscosity. † Single = 1 inlet and outlet; Multiport = 3 inlets and 2 outlets, use only 1. ‡ 6CCL4 and 6CCL0 are 14"W. 6CCN1 and 6CCL2 are 8½"W.

Dayton Food-Grade Air-Operated Double Diaphragm Pumps



Can handle a variety of fluids and are designed for food ingredients, cosmetic, and pharmaceutical processes where 3A Sanitary certification is not required. Feature 316 stainless steel construction with passivated satin finish, and have FDA-compliant elastomers with sanitary clamp fittings. Built for applications requiring FDA approval.

Inlet/Outlet Size	Connection Style	Air Inlet Size	Max. Flow (gpm)*	Max. Temp	Diaphragm Material	Ball Material	Check Seat Material	Max. Dia. Solids	Manifold Connection†	Pumps	FLUID END REPAIR KIT Item No.	AIR END REPAIR KIT Item No.
316 Stainless Steel Housing												
1 in	Tri-Clamp	¼ in FNPT	14 gpm	212 °F	PTFE	PTFE	316 Stainless Steel	½ in	Single	22A602	22A621	6PY78
	Tri-Clamp	¼ in FNPT	14 gpm	212 °F	PTFE	PTFE	316 Stainless Steel	½ in	Single	22A603	6PY72	6PY78
	Tri-Clamp	¼ in FNPT	32 gpm	212 °F	Hytril	PTFE	316 Stainless Steel	¾ in	Single	22A604	22A622	22A610
1 ½ in	Tri-Clamp	¾ in FNPT	46 gpm	212 °F	PTFE	PTFE	316 Stainless Steel	¾ in	Single	22A605	6PY73	22A610
	Tri-Clamp	¾ in FNPT	46 gpm	212 °F	Hytril	PTFE	316 Stainless Steel	¾ in	Single	22A606	22A623	22A610
	Tri-Clamp	¾ in FNPT	46 gpm	212 °F	PTFE	PTFE	316 Stainless Steel	¾ in	Single	22A607	6PY74	22A610

* Flow rate depends on air pressure and fluid viscosity. † Single = 1 inlet and outlet.



22A603