1/4" Non-Metallic Models

COMPACT SERIES PUMPS

Part of our Compact Series of pumps, our ¼" pumps feature big performance in a compact package. They feature flow rates up to 5.3 GPM (20 LPM), a wide range of material options, multi-port versions and the unique hybrid male/female threaded fluid connections.

Ratio:	1:1
Maximum Flow:	5.3 g.p.m. (20) l.p.m.
Displacement per cycle:	0.019 Gallons (0.072 Liters)
Air Inlet (Female):	1/4 - 18 PTF SAE Short
Fluid Inlet/Outlet Hybrid:	Internal Thread 1/4"NPTF/BSPT
	External Thread 3/4" - 14 NPTF/BSPT
Max. operating pressure psi (bar):	125 (8.6)
Suspended solids max. dia. in.(mm):	1/16" (1.66)
Weight lbs (kg):	2.86 (1.3) Polypropylene
	3.88 (1.76) PVDF
	3.52 (1.60) Acetal
Maximum dry suction lift ft(m) :	15 (4.6)
Sound Level:	70 PSI 60 Cycles/Min 62.3 db(A)
Muffler:	Integral, Included



PD01P-HPS-PCC-A

Ordering

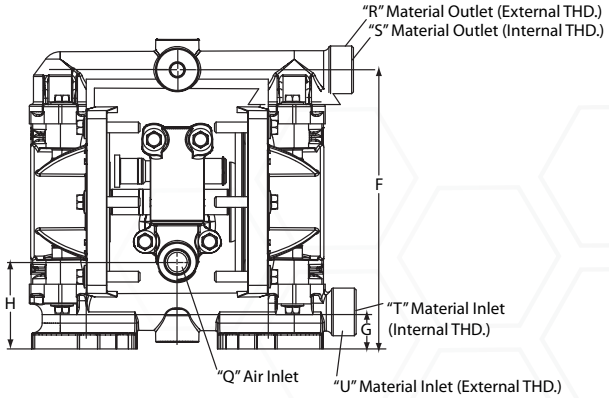
Position	1	2		3	4	5		6	7	8		9		10	11
Example:	PX10P	X	-	H	X	S	-	X	X	X	-	A	-	X	X

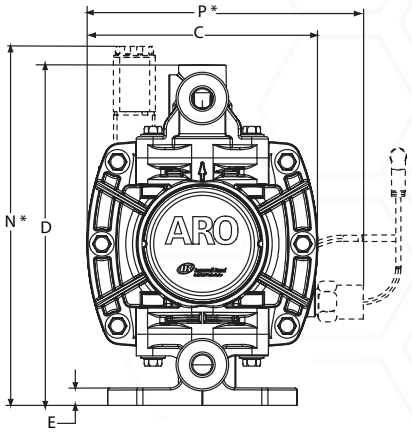
Position 1 Model Series	Position 2 Center Section	Position 3 Fluid Connections	Position 4 Wetted Parts	Position 5 Hardware	Positon 6 Seat Material	Position 7 Ball Material	Position 8 Diaphragm Material	Position 9 Revision	Position 10 & 11 Specialty Code
PD01 - Standard Pump PE01- Elec. Interface Accessible Pump	E - Conductive Polypro-pylene F - Polypro-pylene with leak failure detection P - Polypro-pylene	H - 1/4" NPT BSP hybrid	K - PVDF P - Polypro-pylene D - Groundable Acetal	S - Stainless Steel	D - Acetal K - PVDF P - Polypro-pylene 0 - - Polypro-pylene (Flex-Check spacer)* 1 - Acetal (Flex-Check spacer)* 2 - PVDF (Flex-Check spacer)*	A - Santoprene® C - Hytrel® G - Nitrile J - Nitrile (Flex-Check only) K - EPR (Flex-Check only) L - Viton (Flex-Check only) N - Neoprene (Flex-Check only) T - PTFE	A - Santoprene® C - Hytrel® G - Nitrile T - PTFE	A - Revision 1	Fluid control options for pump with electronic interface (PE01 model). See complete description on page 9

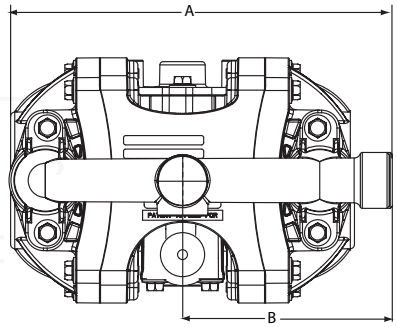
Accessories

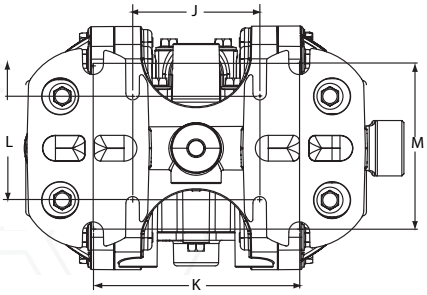
Air Line Connection Kit | 66073-1
(Piggyback Filter/Regulator with gauge, pipe nipple and 5-foot air hose)

1/4" Non-Metallic Dimensions and Flow Charts





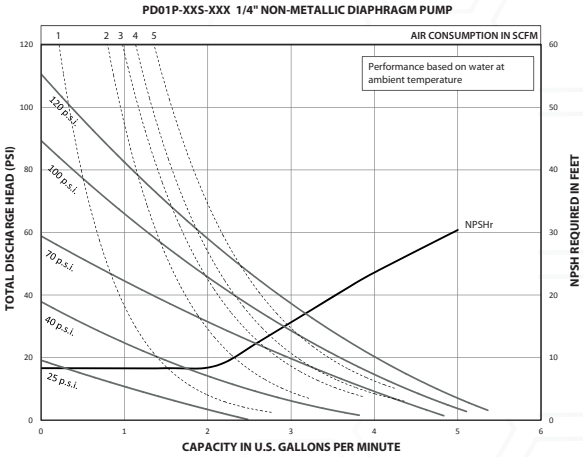


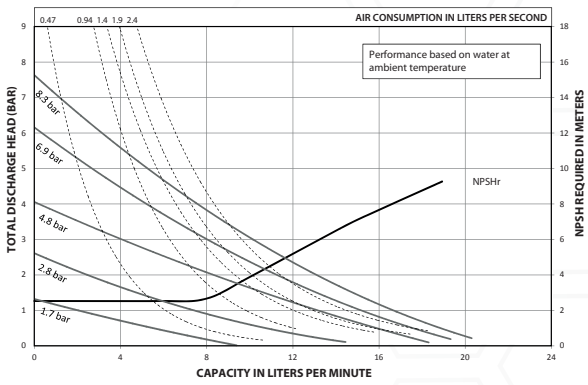


DIMENSIONS

Dimensions shown are for reference only, they are displayed in inches and millimeters (mm).

A - 7.2" (182 mm)	H- 1.9" (48.6 mm)	Q - 1/4 - 18 PTF SAE Short
B - 3.9" (100.0 mm)	J - 2.4" (61 mm)	R- 3/4-14 NPTF
C - 4.6" (117.0 mm)	K - 3.9" (99 mm)	S - 1/4 NPTF / BSPT Hybrid
D- 6.8" (173.0 mm)	L - 2.1" (53 mm)	T - 1/4 NPTF / BSPT Hybrid
E- 0.3" (8.8 mm)	M - 3.2" (81 mm)	U- 3/4-14 NPTF
F- 6.1 " (156 mm)	N - 7.2" (184 mm)	V- 1/4 NPTF
G- 0.8" (20.7 mm)	P - 5.6" (142.2 mm)	





Ordering Position 10

Specialty Code 1
(Blank if no Specialty Code)

A - Solenoid 120VAC
B - Solenoid 12VDC
C - Solenoid 240VAC
D - Solenoid 24VDC
E - 12vDC NEC/CEC
F - 24vDC NEC/CEC
G - Solenoid 12VDC ATEX/IECex
H - Solenoid 24VDC ATEX/IECex
J - 120VAC NEC/CEC
K - Solenoid 220VAC ATEX/IECex
N - Solenoid with no coil
0 - Standard Valve Block (No Solenoid)

Ordering Position 11
Specialty Code 2
(Blank if no Specialty Code)

E - End of stroke feedback + Leak Detection
F - End of stroke feedback
G - End of Stroke ATEX/IECex/NEC/CEC
H - End of Stroke/Leak Detection ATEX/IECex/NEC/CEC
L - Leak Detection
M - Leak Detection ATEX/IECex/NEC/CEC
0 - No Option