

1" Metallic Models

ARO PRO 1" metallic diaphragm pumps achieve flow rates of up to 35 GPM (133 LPM) and offer a wide array of material and porting configurations. These pumps are often used for transfer, filling, recirculation and batching in Industrial, Mining, Construction, Chemical and Petrochemical markets.

Ratio:	1:1
Maximum Flow:	35-g.p.m. (133-l.p.m.)
Displacement per cycle:	0.16-Gallons (0.60-Liters)
Air Inlet: (Female)	1/4 - 18 N.P.T.F. - 1
Fluid Inlet/Outlet:	1 - 1 1/2 N.P.T.F. - 1 Rp 1 (1-11 BSP parallel)
Max. operating pressure:	120-psi (8.3-bar)
Suspended solids max. dia.:	1/8-in. (3.2-mm)
Weight: lbs (kg)	666100-X-C (aluminum) 19 (8.6) 666101-X-C (stainless steel) 36 (16.3) 666102-X-C (cast iron) 31 (14.1)

Note: Add 8-lbs (3.63-kg) for cast iron air motor section

Maximum dry suction lift:	ft (m)	20 (6.1)
Sound Level:	70 PSI 60 Cycles/Min	64.5 db(A)



666100-3EB-C

Ordering

Position	1	2		3	4	5		6
Example:	6661X	X	-	X	X	X	-	C

Position 1 Center Body	Position 2 Fluid Caps Manifold Mat.	Position 3 Seat Material	Position 4 Ball Check Material	Position 5 Diaphragm Material
0 - Aluminum, N.P.T.F. 1 - Cast Iron, N.P.T.F. 2 - Aluminum, BSP 3 - Cast Iron, BSP	0 - Aluminum (steel hardware) 1 - SS (steel hardware) 2 - Cast Iron (steel hardware) 9 - SS, dual outlet (steel hardware) A - Aluminum, (stainless hardware) B - SS (stainless hardware) C - Cast Iron (stainless hardware) D - SS, dual outlet (stainless hardware)	1 - Aluminum 2 - 316 Stainless Steel 3 - Polypropylene 4 - PVDF (Kynar) 5 - Carbon Steel 8 - Hard 400 Stainless Steel	1 - Neoprene 2 - Nitrile 3 - Viton 4 - PTFE 5 - E.P.R. 6 - Acetal 8 - Polyurethane A - Stainless Steel C - Hytrel E - Santoprene	1 - Neoprene 2 - Nitrile 3 - Viton 4 - PTFE / Santoprene 5 - E.P.R. 6 - Acetal 9 - Hytrel B - Santoprene G - Nitrile

Accessories

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

Cycle Counter Kit | 66975

Service Repair Kits | 637118-C (air section)
637119-XX-C (fluid section)

Wall Mount | 66100



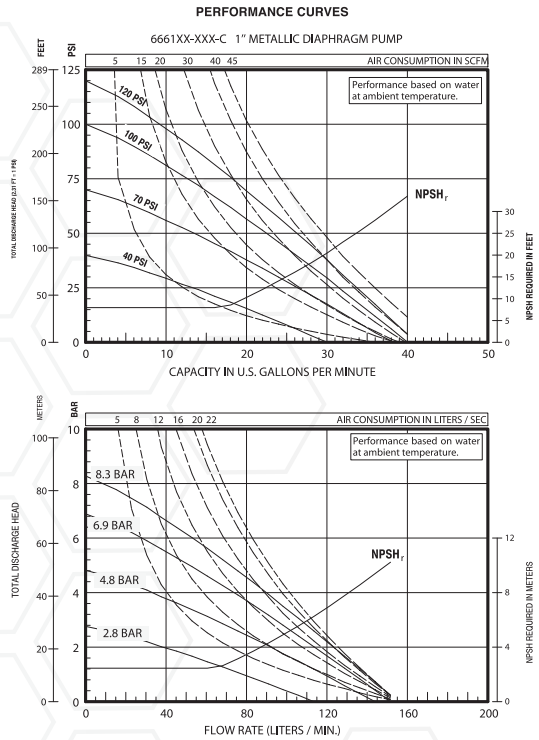
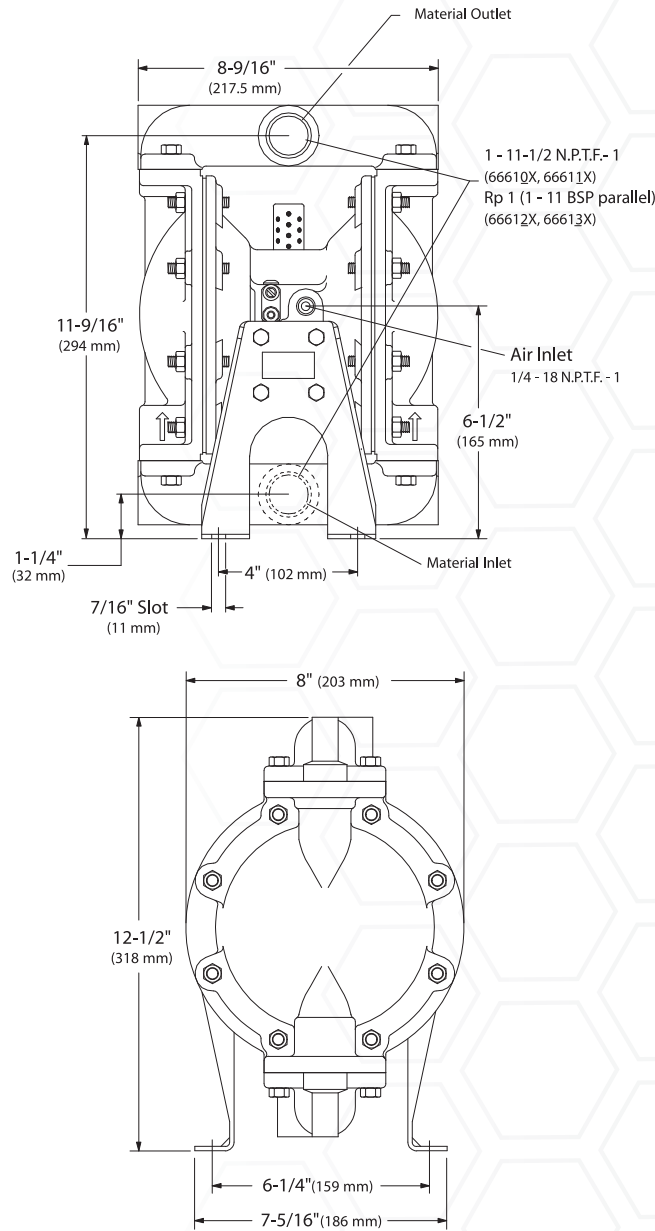
Air Line Connection Kit
66073-2



Wall Mount
66100

1" Metallic Dimensions and Flow Charts

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



Refer to www.AROzone.com for full size flow curves.
For additional information contact
technical support at 1.800.495.02761