Air Operated Double Diaphragm Pumps

PRODUCT CATALOG



PSG a DOVER company

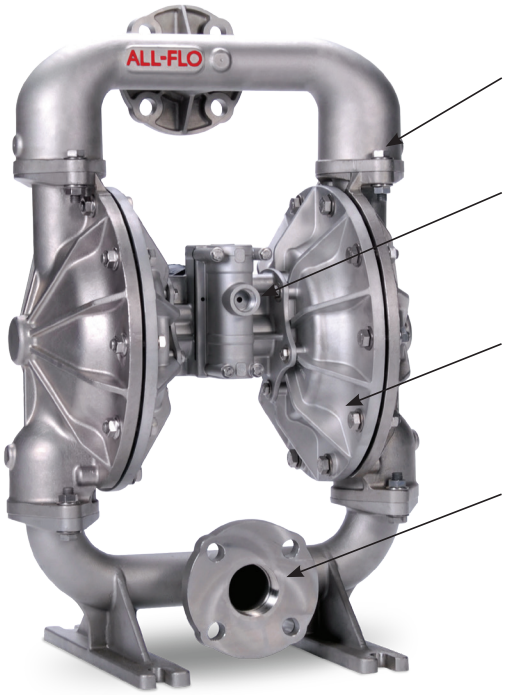
ALL-FLO

Where Innovation Flows

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Since 1986, All-Flo pumps have been built to last. Designed to live up to their name, All-Flo pumps are performance engineered and quality built to provide trouble-free service under the toughest conditions. All of our pumps are 100% factory tested for quality assurance. Our pump's air mechanism features the fewest moving parts of any pump on the market. With fewer parts to wear and breakdown, the result is reduced risk of disruptions in service and reliable operation. When it comes to simplicity of design, see for yourself how our pump stacks up against competitors.

WE PUMP SOLUTIONS™



SIMPLE
A simple bolted design ensures quick and easy repairs.

EFFICIENCY
A high effciency air-valve, with a maximum air pressure of 120 psi (8.2 bar), dramatically reduces overall operating costs.

PERFORMANCE
Quality-built construction of All-Flo pumps delivers unmatched effciency and performance.

COMPATIBILITY
Mounting feet and liquid porting location designed to match competitors' footprint, reducing replacement cost.

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Designed to ensure signifcant energy savings for customers, All-Flo pumps raise the bar on effciency standards across the industry. The newly-designed All-Flo pumps boast a high-effciency air valve, making them the most energy effcient and cost-effective pumps in the industry.



SIMPLE DESIGN
All-Flo's simple air valve design allows for maximum effciency



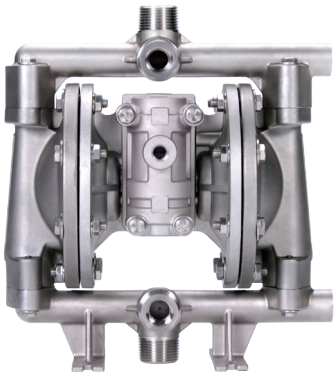
OPERATING COSTS
All-Flo pumps yield energy savings of 35-67% over competing pumps

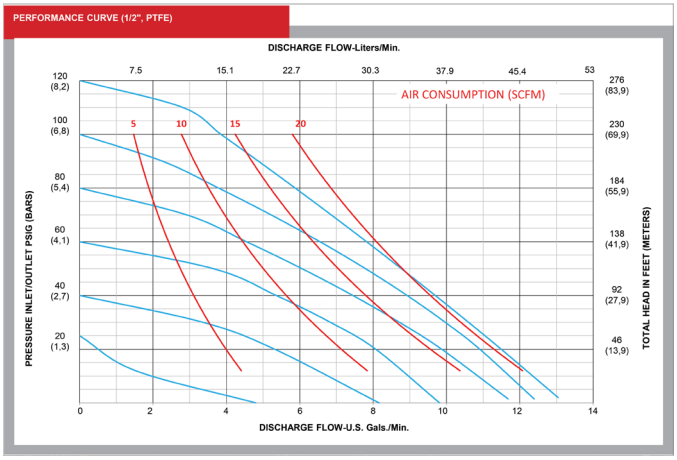


SIMPLE REPAIR
Simple leak free bolted design promotes swift and seamless repairs



CONNECTION & FOOTPRINT
Rest easy — multiple connection types & footprint to match competitors' models





1/2 in. METAL - A050 PUMP

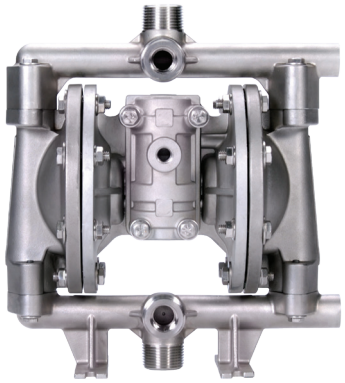
MATERIALS OF CONSTRUCTION

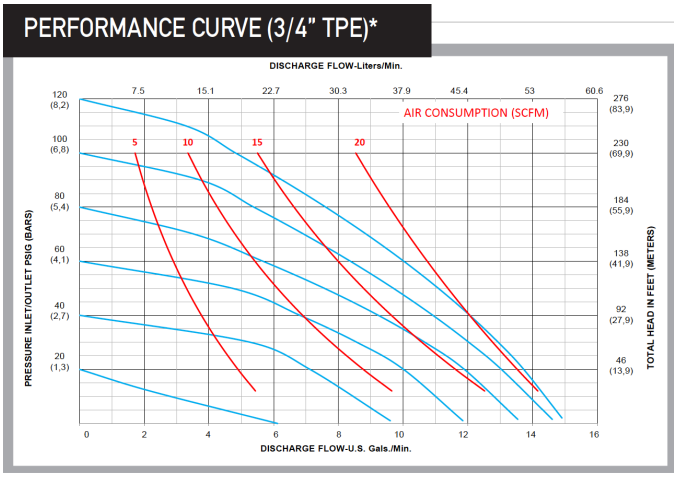
LIQUID SECTION: ALUMINUM, ANODIZED ALUMINUM AND STAINLESS STEEL
AIR SECTION: ALUMINUM AND POLYPROPYLENE (GLASS-FILLED)
ELASTOMERS: BUNALAST™, HYTREL®, SANTOPRENE®, FKM AND PTFE

PERFORMANCE SPECIFICATIONS

Max. Flow: 15 gpm (56.8 lpm)
Max. Air Pressure: 120 psi (8.2 bar)
Max. Solids: 1/8" (3.2 mm)
Max. Suction Lift Dry: 15 ft-H_2O (4.5 m-H_2O)
Max. Suction Lift Dry w/ PTFE: 10 ft-H_2O (3.05 m-H_2O)
Max. Suction Lift Wet: 31 ft-H_2O (9.4 m-H_2O)
Weight Aluminum: 10 lbs (4.5 kg)
Weight Stainless Steel: 20 lbs (9.1 kg)
Air Inlet: 1/4" FNPT
Liquid Inlet: 1/2" FNPT or FBSPT
Liquid Outlet: 1/2" FNPT or FBSPT
Height: 11.2" (284 mm)
Width: 10.3" (262 mm)
Depth: 6.4" (163 mm)*

*Polypropylene air section (intermediate) has depth of 7.3" (185mm).





3/4 in. METAL - A075 PUMP

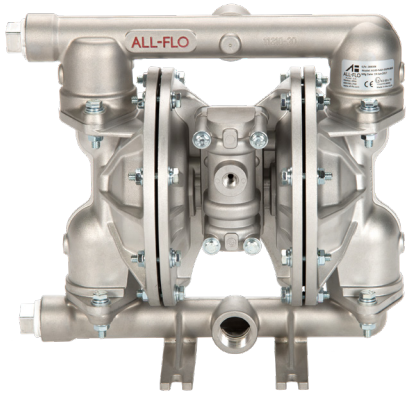
MATERIALS OF CONSTRUCTION

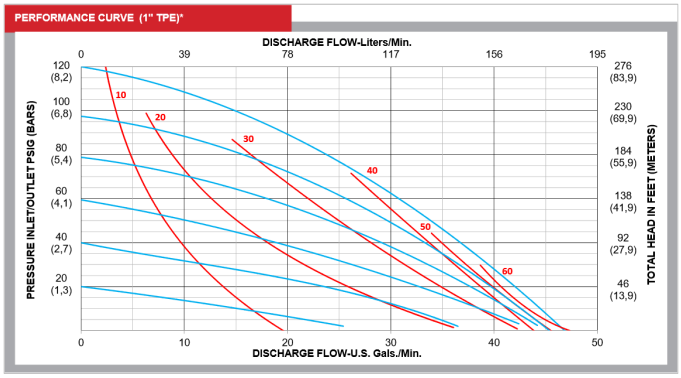
LIQUID SECTION: ALUMINUM, ANODIZED ALUMINUM AND STAINLESS STEEL
AIR SECTION: ALUMINUM AND POLYPROPYLENE (GLASS-FILLED)
ELASTOMERS: BUNALAST™, HYTREL®, SANTOPRENE®, FKM AND PTFE

PERFORMANCE SPECIFICATIONS

Max. Flow: 15 gpm (56.8 lpm)
Max. Air Pressure: 120 psi (8.2 bar)
Max. Solids: 1/8" (3.2 mm)
Max. Suction Lift Dry: 15 ft-H_2O (4.5 m-H_2O)
Max. Suction Lift Dry w/ PTFE: 14 ft-H_2O (4.3 m-H_2O)
Max. Suction Lift Wet: 31 ft-H_2O (9.4 m-H_2O)
Weight Aluminum: 10 lbs (4.5 kg)
Weight Stainless Steel: 20 lbs (9.1 kg)
Air Inlet: 1/4" FNPT
Liquid Inlet: 3/4" FNPT or FBSPT (Center Port Only)
Liquid Outlet: 3/4" FNPT or FBSPT (Center Port Only)
Height: 11.2" (284 mm)
Width: 10.3" (262 mm)
Depth: 6.4" (163 mm)*

*Polypropylene air section (intermediate) has depth of 7.3" (185mm).





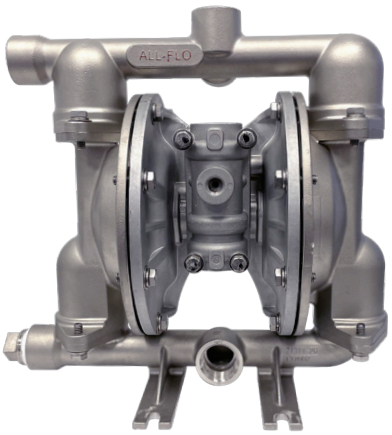
1 in. METAL - A100 PUMP

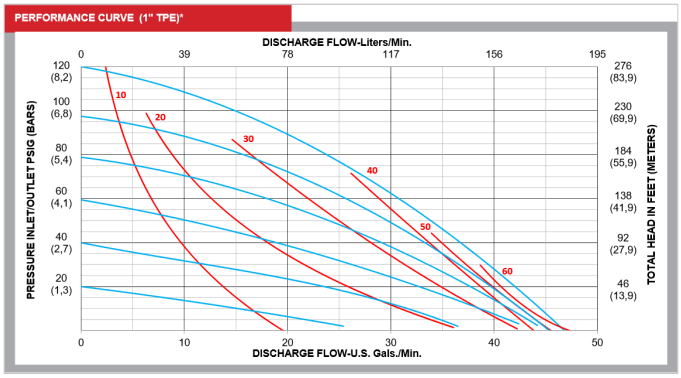
MATERIALS OF CONSTRUCTION

LIQUID SECTION: ALUMINUM, ANODIZED ALUMINUM
AIR SECTION: ALUMINUM, PTFE COATED ALUMINUM
ELASTOMERS: BUNALAST™, HYTREL®, SANTOPRENE®, FKM, PTFE, BUNA-N AND EPDM

PERFORMANCE SPECIFICATIONS

Max. Flow: 48 gpm (182 lpm)
Max. Air Pressure: 120 psi (8.2 bar)
Max. Solids: 1/4" (6.4 mm)
Max. Suction Lift Dry: 17 ft-H_2O (5.2 m-H_2O)
Max. Suction Lift Dry w/ PTFE: 17 ft-H_2O (5.2 m-H_2O)
Max. Suction Lift Wet: 30 ft-H_2O (9.1 m-H_2O)
Weight Aluminum: 18 lbs (8 kg)
Air Inlet: 1/4" FNPT
Liquid Inlet: 1" FNPT or FBSPT
Liquid Outlet: 1" FNPT or FBSPT
Height: 12.4" (315 mm)
Width: 13.0" (330 mm)
Depth: 8.4" (213 mm)*





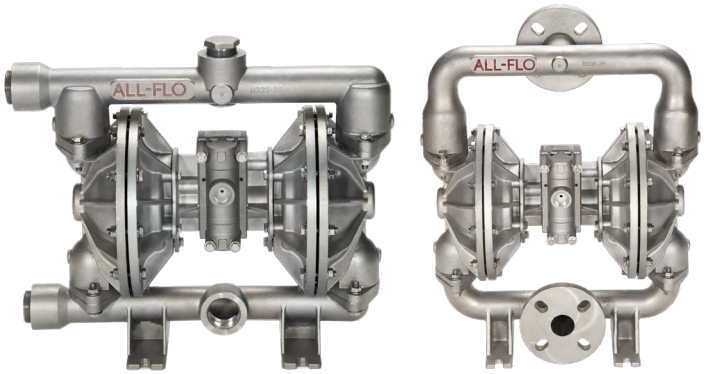
1 in. METAL - A101 SS PUMP

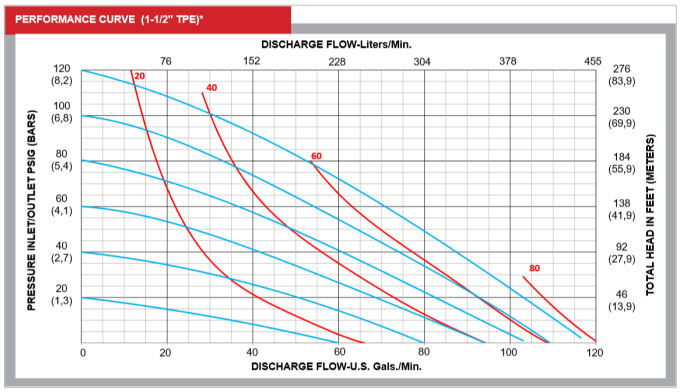
MATERIALS OF CONSTRUCTION

LIQUID SECTION: STAINLESS STEEL
AIR SECTION: ALUMINUM, PTFE COATED ALUMINUM
ELASTOMERS: BUNALAST™, HYTREL®, SANTOPRENE®, FKM, PTFE, BUNA-N AND EPDM

PERFORMANCE SPECIFICATIONS

Max. Flow: 48 gpm (182 lpm)
Max. Air Pressure: 120 psi (8.2 bar)
Max. Solids: 1/4" (6.4 mm)
Max. Suction Lift Dry: 17 ft-H_2O (5.2 m-H_2O)
Max. Suction Lift Dry w/ PTFE: 17 ft-H_2O (5.2 m-H_2O)
Max. Suction Lift Wet: 30 ft-H_2O (9.1 m-H_2O)
Weight Stainless Steel: 38 lbs (17 kg)
Air Inlet: 1/4" FNPT
Liquid Inlet: 1" FNPT or FBSPT
Liquid Outlet: 1" FNPT or FBSPT
Height: 12.4" (315 mm)
Width: 13.0" (330 mm)
Depth: 8.4" (213 mm)*





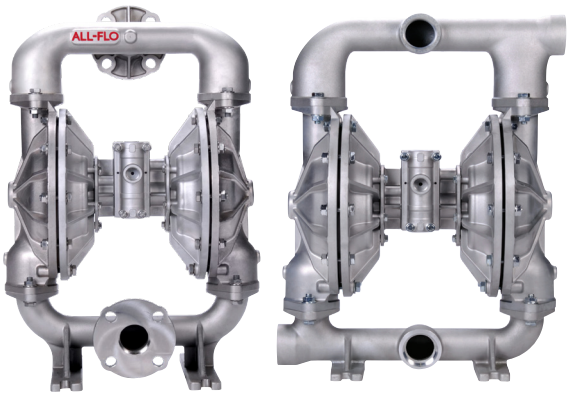
1-1/2 in. METAL - A150 PUMP

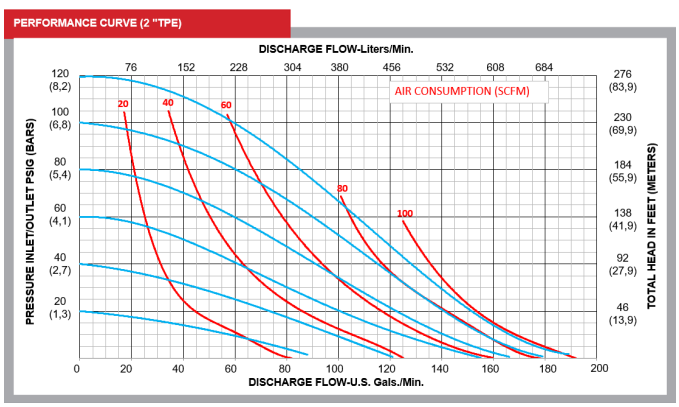
MATERIALS OF CONSTRUCTION

LIQUID SECTION: ALUMINUM, ANODIZED ALUMINUM, AND STAINLESS STEEL
AIR SECTION: ALUMINUM AND STAINLESS STEEL
ELASTOMERS: BUNALAST™, HYTREL®, SANTOPRENE®, FKM, PTFE, BUNA-N AND EPDM

PERFORMANCE SPECIFICATIONS (1-1/2" PORTS)

Max. Flow: 115 gpm (435 lpm)
Max. Air Pressure: 120 psi (8.2 bar)
Max. Solids: 1/4" (6.4 mm)
Max. Suction Lift Dry: 22 ft-H_2O (6.7 m-H_2O)
Max. Suction Lift Dry w/ PTFE: 18 ft-H_2O (5.5 m-H_2O)
Max. Suction Lift Wet: 31 ft-H_2O (9.4 m-H_2O)
Weight Aluminum: 45 lbs (20 kg)
Weight Stainless Steel: 70 lbs (32 kg) Threaded
Weight Stainless Steel: 84 lbs (38 kg) Flange
Air Inlet: 3/4" FNPT
Liquid Inlet: Aluminum: 1-1/2" FNPT, FBSPT
Stainless Steel: 1-1/2" FNPT, FBSPT, or ANSI/DIN Flange
Liquid Outlet: Aluminum: 1-1/2" FNPT, FBSPT or 1-1/4" FNPT, FBSP (Top Port)
Stainless Steel: 1-1/2" FNPT, FBSPT, or ANSI/DIN Flange
Height: 17.3" (439 mm) Threaded / 23.9" (607 mm) Flange
Width: 20.8" (528 mm) Threaded / 18.8" (478 mm) Flange
Depth: 11.2" (284 mm) Threaded and Flange





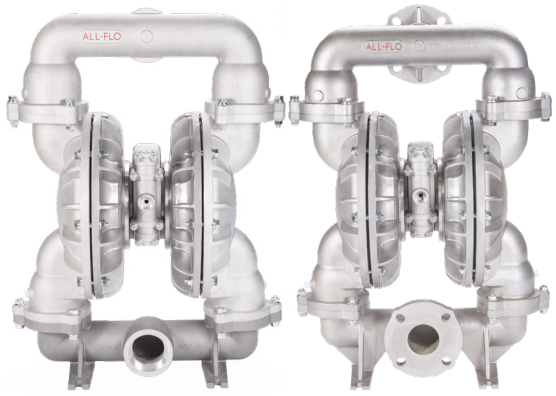
2 in. METAL - A200 PUMP

MATERIALS OF CONSTRUCTION

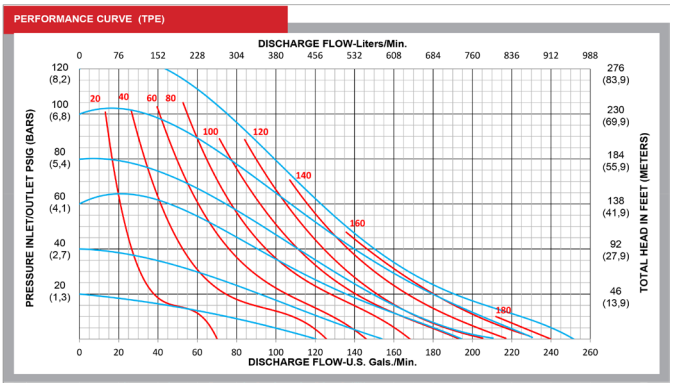
LIQUID SECTION: ALUMINUM, ANODIZED ALUMINUM AND STAINLESS STEEL
AIR SECTION: ALUMINUM AND STAINLESS STEEL
ELASTOMERS: BUNALAST™, HYTREL®, SANTOPRENE®, FKM, PTFE, BUNA-N AND EPDM

PERFORMANCE SPECIFICATIONS

Max. Flow: 190 gpm (719 lpm)
Max. Air Pressure: 120 psi (8.2 bar)
Max. Solids: 1/4" (6.4 mm)
Max. Suction Lift Dry: 24.4 ft-H_2O (7.4 m-H_2O)
Max. Suction Lift Dry w/ PTFE: 19.3 ft-H_2O (5.9 m-H_2O)
Max. Suction Lift Wet: 31.7 ft-H_2O (9.7 m-H_2O)
Weight Aluminum: 62 lbs (28 kg)
Weight Stainless Steel: 130 lbs (59 kg)
Air Inlet: 3/4" FNPT
Liquid Inlet: Aluminum 2" FNPT or FBSP
Stainless Steel 2" FNPT, FBSP or ANSI/DIN Flange
Liquid Outlet: Aluminum 2" FNPT or FBSP
Stainless Steel 2" FNPT, FBSP or ANSI/DIN Flange
Height: 26.3" (668 mm) AL / 29.5" (749 mm) SS
Width: 19.6" (498 mm) AL / 19.2" (488 mm) SS
Depth: 13.5" (343 mm) AL / 14.9" (378 mm) SS



PERFORMANCE CURVE (TPE)



3 in. METAL - A300 PUMP

MATERIALS OF CONSTRUCTION

LIQUID SECTION: ALUMINUM, ANODIZED ALUMINUM AND STAINLESS STEEL
AIR SECTION: ALUMINUM
ELASTOMERS: BUNALAST™, HYTREL®, SANTOPRENE®, FKM AND PTFE

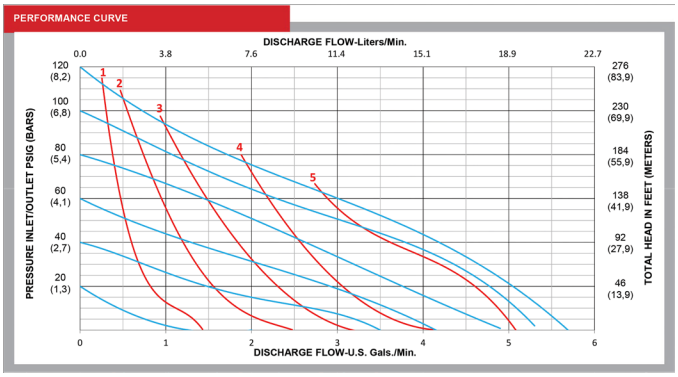
PERFORMANCE SPECIFICATIONS

Max. Flow: 235 gpm (890 lpm)
Max. Air Pressure: 120 psi (8.2 bar)
Max. Solids: 7/16" (11.1 mm)
Max. Suction Lift Dry: 20 ft-H_2O (6.1 m-H_2O)
Max. Suction Lift Dry w/ PTFE: 17 ft-H_2O (5.2 m-H_2O)
Max. Suction Lift Wet: 31 ft-H_2O (9.4 m-H_2O)
Weight Aluminum: 135 lbs (62 kg)
Weight Stainless Steel: 300 lbs (136 kg)
Air Inlet: 3" FNPT
Liquid Inlet: 3" FNPT or FBSPT
Liquid Outlet: 3" FNPT or FBSPT
Height: 32.6" (827 mm) AL / 35.2" (893mm) SS
Width: 24.8" (633 mm)
Depth: 16.8" (425 mm)*





PERFORMANCE CURVE



1/4 in. PLASTIC - A025 PUMP

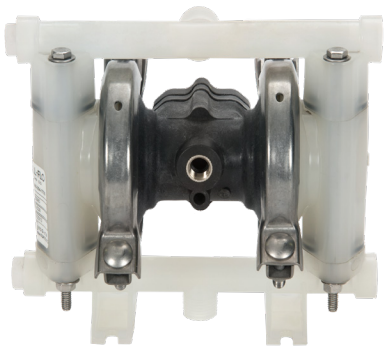
MATERIALS OF CONSTRUCTION

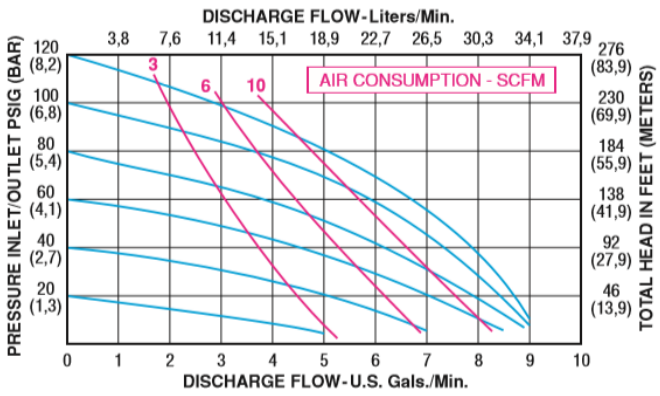
LIQUID SECTION: CONDUCTIVE POLYPROPYLENE, CONDUCTIVE PVDF, POLYPROPYLENE, PVDF
AIR SECTION: CONDUCTIVE POLYPROPYLENE, POLYPROPYLENE
ELASTOMERS: BUNALAST™, SANTOPRENE® AND PTFE

PERFORMANCE SPECIFICATIONS

Max. Flow: 5.7 gpm (21.6 lpm)
Max. Air Pressure: 120 psi (8.2 bar)
Max. Solids: 1/16" (1.6 mm)
Max. Suction Lift Dry: 15 ft-H_2O (4.6 m-H_2O)
Max. Suction Lift Dry w/ PTFE: 10 ft-H_2O (3.0 m-H_2O)
Max. Suction Lift Wet: 28 ft-H_2O (8.5 m-H_2O)
Weight Polypropylene: 2.6 lbs (1.2 kg)
Weight PVDF: 38 lbs (17 kg)
Air Inlet: 1/4" FNPT
Liquid Inlet: 1/4" Internal (NPT/BSP), 3/4" External (NPT)
Liquid Outlet: 1/4" Internal (NPT/BSP), 3/4" External (NPT)
Height: 6.8" (173 mm)
Width: 7.3" (186 mm)
Depth: 4.6" (118 mm)







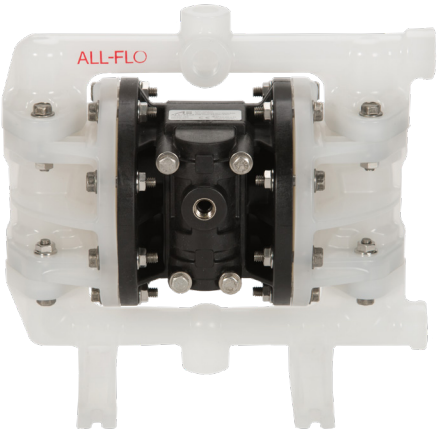
3/8 in. PLASTIC - C038 PUMP

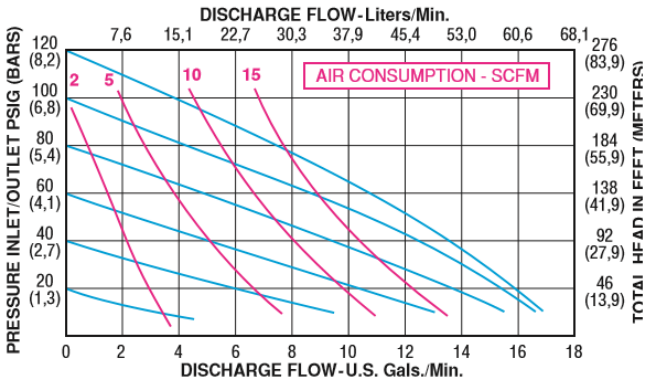
MATERIALS OF CONSTRUCTION

LIQUID SECTION: POLYPROPYLENE, PVDF AND CONDUCTIVE NYLON
AIR SECTION: POLYPROPYLENE
ELASTOMERS: BUNALAST™, SANTOPRENE®, FKM AND PTFE

PERFORMANCE SPECIFICATIONS (1-1/2" PORTS)

Max. Flow: 9 gpm (34 lpm)
Max. Air Pressure: 120 psi (8.2 bar)
Max. Solids: 1/16" (1.6 mm)
Max. Suction Lift Dry: 10 ft-H_2O (3.0 m-H_2O)
Max. Suction Lift Wet: 26 ft-H_2O (7.9 m-H_2O)
Weight Polypropylene and Conductive Nylon: 3.8 lbs (1.7 kg)
Weight PVDF: 5 lbs (2.3 kg)
Air Inlet: 1/4" FNPT
Liquid Inlet: 3/8" FNPT/FBSPT
Liquid Outlet: 3/8" FNPT/FBSPT
Height: 7.2" (183 mm)
Width: 8.6" (217 mm)
Depth: 4.8" (122 mm)





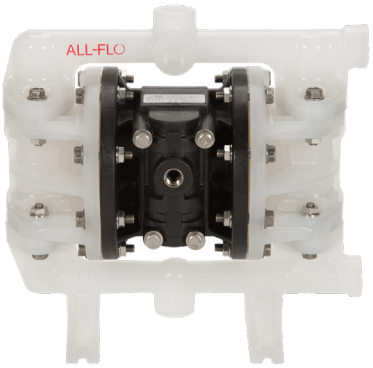
1/2 in. PLASTIC - A050 PUMP

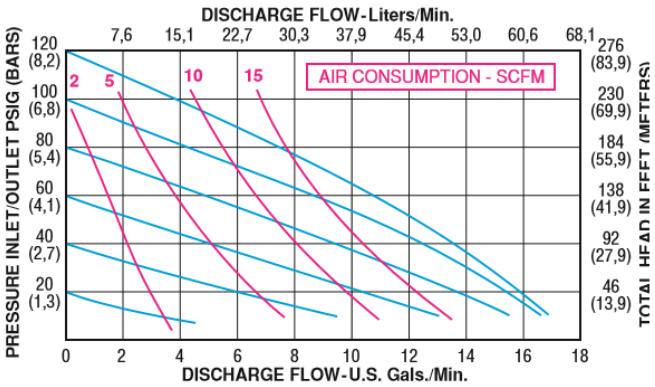
MATERIALS OF CONSTRUCTION

LIQUID SECTION: POLYPROPYLENE, PVDF AND CONDUCTIVE NYLON
AIR SECTION: POLYPROPYLENE
ELASTOMERS: BUNALAST™, SANTOPRENE®, FKM AND PTFE

PERFORMANCE SPECIFICATIONS

Max. Flow: 17 gpm (64.6 lpm)
Max. Air Pressure: 120 psi (8.2 bar)
Max. Solids: 1/8" (3.2 mm)
Max. Suction Lift Dry: 15 ft-H_2O (4.5 m-H_2O)
Max. Suction Lift Dry w/ PTFE: 10 ft-H_2O (3.0 m-H_2O)
Max. Suction Lift Wet: 26 ft-H_2O (7.9 m-H_2O)
Weight Polypropylene: 9 lbs (4.1 kg)
Weight PVDF & Conductive Nylon: 12 lbs (5.4 kg)
Air Inlet: 1/4" FNPT
Liquid Inlet: 1/2" FNPT/FBSPT
Liquid Outlet: 1/2" FNPT/FBSPT
Height: 11.4" (289 mm)
Width: 12.0" (306 mm)
Depth: 7.4" (187 mm)





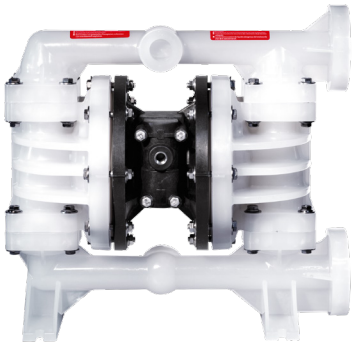
3/4 in. PLASTIC - A075 PUMP

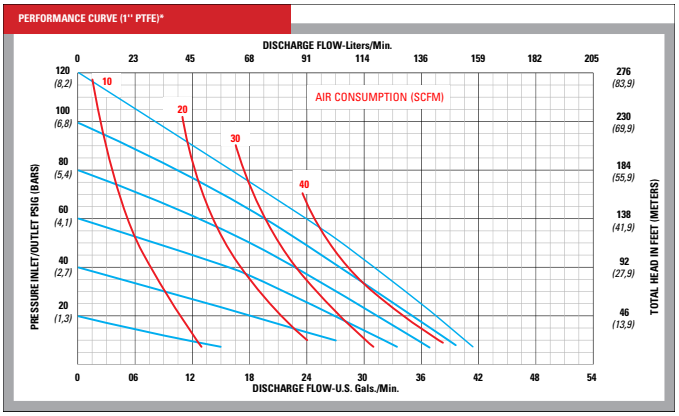
MATERIALS OF CONSTRUCTION

LIQUID SECTION: POLYPROPYLENE, PVDF AND CONDUCTIVE NYLON
AIR SECTION: POLYPROPYLENE
ELASTOMERS: BUNALAST™, SANTOPRENE®, FKM AND PTFE

PERFORMANCE SPECIFICATIONS

Max. Flow: 17 gpm (64.6 lpm)
Max. Air Pressure: 120 psi (8.2 bar)
Max. Solids: 1/8" (3.2 mm)
Max. Suction Lift Dry: 15 ft-H_2O (4.5 m-H_2O)
Max. Suction Lift Dry w/ PTFE: 10 ft-H_2O (3.0 m-H_2O)
Max. Suction Lift Wet: 26 ft-H_2O (7.9 m-H_2O)
Weight Polypropylene: 9 lbs (4.1 kg)
Weight PVDF & Conductive Nylon: 12 lbs (5.4 kg)
Air Inlet: 1/4" FNPT
Liquid Inlet: 3/4" FNPT/FBSPT
Liquid Outlet: 3/4" FNPT/FBSPT
Height: 11.4" (289mm)
Width: 12.0" (306 mm)
Depth: 7.4" (187 mm)





1 in. PLASTIC - A100 PUMP

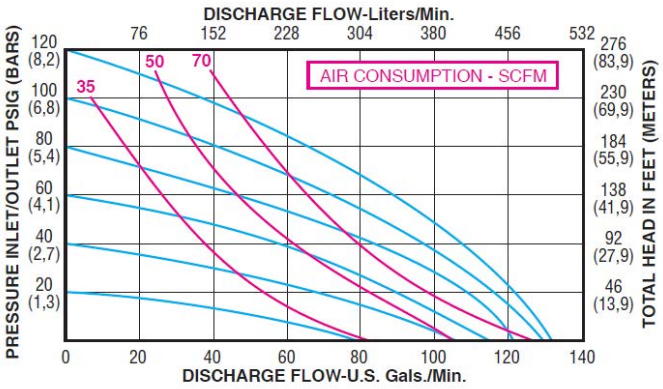
MATERIALS OF CONSTRUCTION

LIQUID SECTION: POLYPROPYLENE AND PVDF
AIR SECTION: POLYPROPYLENE
ELASTOMERS: BUNALAST™, SANTOPRENE®, FKM AND PTFE

PERFORMANCE SPECIFICATIONS

Max. Flow: 41 gpm (155.8 lpm)
Max. Air Pressure: 120 psi (8.2 bar)
Max. Solids: 1/4" (6.4 mm)
Max. Suction Lift Dry: 15 ft-H_2O (4.5 m-H_2O)
Max. Suction Lift Dry w/ PTFE: 10 ft-H_2O (3.0 m-H_2O)
Max. Suction Lift Wet: 26 ft-H_2O (7.9 m-H_2O)
Weight Polypropylene: 20 lbs (9.1 kg)
Weight PVDF: 30 lbs (13.0 kg)
Air Inlet: 1/4" FNPT
Liquid Inlet: 1" FNPT, FBSPT or ANSI/DIN Flange
Liquid Outlet: 1" FNPT, FBSPT or ANSI/DIN Flange
Height: 16.3" (415 mm)
Width: 17.3" (438 mm)
Depth: 8.9" (226 mm)*





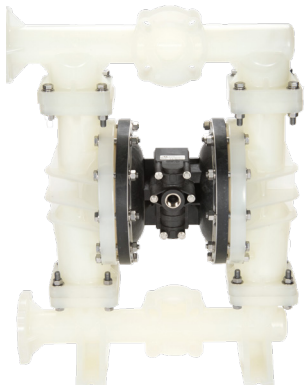
1-1/2 in. PLASTIC - C150 PUMP

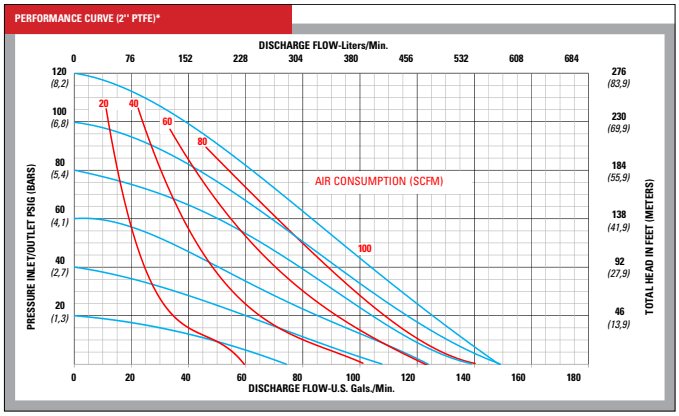
MATERIALS OF CONSTRUCTION

LIQUID SECTION: POLYPROPYLENE AND PVDF
AIR SECTION: POLYPROPYLENE
ELASTOMERS: BUNALAST™, SANTOPRENE®, FKM AND PTFE

PERFORMANCE SPECIFICATIONS (1-1/2" PORTS)

Max. Flow: 130 gpm (492 lpm)
Max. Air Pressure: 120 psi (8.2 bar)
Max. Solids: 1/4" (6.4 mm)
Max. Suction Lift Dry: 13 ft-H_2O (3.9 m-H_2O)
Max. Suction Lift Dry w/ PTFE: 10 ft-H_2O (3 m-H_2O)
Max. Suction Lift Wet: 26 ft-H_2O (7.9 m-H_2O)
Weight Polypropylene: 46 lbs (20.8 kg)
Weight PVDF & Conductive Nylon: 65 lbs (29.4 kg)
Air Inlet: 3/4" FNPT
Liquid Inlet: 1-1/2" ANSI/DIN Flange
Liquid Outlet: 1-1/2" ANSI/DIN Flange
Height: 21.8" (553 mm)
Width: 20.6" (523 mm)
Depth: 12.2" (310 mm)





2 in. PLASTIC - A200 PUMP

MATERIALS OF CONSTRUCTION

LIQUID SECTION: POLYPROPYLENE AND PVDF
AIR SECTION: POLYPROPYLENE
ELASTOMERS: BUNALAST™, SANTOPRENE®, FKM AND PTFE

PERFORMANCE SPECIFICATIONS

Max. Flow: 160 gpm (605 lpm)
Max. Air Pressure: 120 psi (8.2 bar)
Max. Solids: 1/4" (6.4 mm)
Max. Suction Lift Dry: 17 ft-H_2O (5.2 m-H_2O)
Max. Suction Lift Dry w/ PTFE: 15 ft-H_2O (4.6m-H_2O)
Max. Suction Lift Wet: 29 ft-H_2O (8.8 m-H_2O)
Weight Polypropylene: 56 lbs (25.0 kg)
Weight PVDF: 84 lbs (38 kg)
Air Inlet: 3/4" FNPT
Liquid Inlet: 2" ANSI/DIN Flange
Liquid Outlet: 2" ANSI/DIN Flange
Height: 31.7" (805 mm)
Width: 23.6" (600 mm)
Depth: 12.2" (310 mm)



ALL-PŨR® FDA F SERIES PUMP

MATERIALS OF CONSTRUCTION

LIQUID SECTION: PASSIVATED 316 STAINLESS STEEL
AIR SECTION: ALUMINUM AND STAINLESS STEEL
ELASTOMERS: FDA HYTREL®, FDA SANTOPRENE® AND FDA PTFE

PERFORMANCE SPECIFICATIONS	F100	F150	F200
Fluid Connection Type	Tri-Clamp®	Tri-Clamp®	Tri-Clamp®
Fluid Connection Size (in)	1-1/2"	2"	2-1/2"
Air Inlet Connection (in)	1/4" FNPT	3/4" FNPT	3/4" FNPT
Max Lift ft-H_2O (m-H_2O)	Dry: 17 ft-H_2O (5.2 m-H_2O) Wet: 30 ft-H_2O (9.1 m-H_2O)	Dry: 22 ft-H_2O (6.7 m-H_2O) Wet: 31 ft-H_2O (9.4 m-H_2O)	Dry: 24.4 ft-H_2O (7.4 m-H_2O) Wet: 31.7 ft-H_2O (9.7 m-H_2O)
Max Solids inches (mm)	1/4" (6.4 mm)	1/4" (6.4 mm)	1/4" (6.4 mm)
Max Flow Rate gpm (lpm)	48 gpm (182 lpm)	115 gpm (435 lpm)	190 gpm (719 lpm)



ALL-PŨR® FOOD GRADE G SERIES PUMP

MATERIALS OF CONSTRUCTION

LIQUID SECTION: STAINLESS STEEL
AIR SECTION: CONDUCTIVE POLYETHYLENE
ELASTOMERS: FDA EPDM, INTEGRAL PTFE

PERFORMANCE SPECIFICATIONS	G075	G125	G200
Fluid Connection Type	Tri-Clamp®	Tri-Clamp®	Tri-Clamp®
Fluid Connection Size (in)	1"	1-1/2"	2"
Air Inlet Connection (in)	1/4" FNPT	1/4" FNPT	1/2" FNPT
Max Lift ft-H_2O (m-H_2O)	Dry: 6.6 ft-H_2O (2 m-H_2O) Wet: 29.5 ft-H_2O (9 m-H_2O)	Dry: 6.6 ft-H_2O (2 m-H20) Wet: 29.5 ft-H_2O (9 m-H_2O)	Dry: 9.8 ft-H_2O (3 m-H_2O) Wet: 29.5 ft-H_2O (9 m-H_2O)
Max Solids in (mm)	7/20" (9 mm)	15/32" (12 mm)	9/16" (14 mm)
Max Flow Rate gpm (lpm)	20 gpm (75 lpm)	40 gpm (150 lpm)	106 gpm (400 lpm)



MAX-PASS® SOLIDS HANDLING – S SERIES PLASTIC & METAL

MATERIALS OF CONSTRUCTION

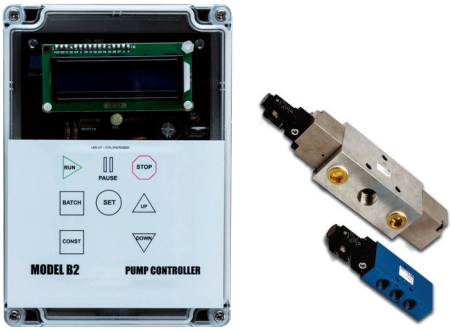
LIQUID SECTION: PLASTIC MODELS - POLYPROPYLENE, PVDF
METAL MODELS - ALUMINUM, ANODIZED ALUMINUM, STAINLESS STEEL
AIR SECTION: PLASTIC MODELS - POLYPROPYLENE (GLASS-FILLED)
METAL MODELS - ALUMINUM, PTFE COATED ALUMINUM
ELASTOMERS: BUNALAST™, HYTREL®, SANTOPRENE®, PTFE, FKM

PERFORMANCE SPECIFICATIONS	PLASTIC MODELS S038 / S050 / S100	METAL MODELS S050 / S100
Fluid Connection Type	S038 & S050 FNPT/FBSPT, S100 ANSI/DIN Flange	FNPT/FBSPT
Fluid Connection Size (in)	S038: 3/8, S050: 1/2, S100: 1	Metal: S050: 1/2, S100: 1
Air Inlet Connection (in)	1/4" FNPT	1/4" FNPT
Max Lift ft-H_2O (m-H_2O)	Dry: 17 - 20 (5.2 - 6.1) Wet: 26 - 30 (7.9 - 9.1)	Dry: 15 - 18 (4.6 - 5.5) Wet: 27.5 - 31 (8.4 - 9.4)
Max Solids in (mm)	S038: 1/4 (6.4), S050: 3/8 (9.5), S100: 3/4 (19)	S050: 3/8 (9.5), S100: 3/4 (19)
Max Flow Rate gpm (lpm)	S038: 9.0 (34.0), S050: 17.0 (64.6), S100: 41 (155.8)	S050: 15.0 (56.8), S100: 46.0 (174)



PULSATION DAMPENERS

All-Flo PDT Series and PDM Series Plastic and Metal Pulsation Dampeners are recommended accessory products that help expand the application range and augment the performance of All-Flo Air-Operated Double-Diaphragm (AODD) Pumps. Installed at the pump's discharge, All-Flo pulsation dampeners reduce fuid pressure and fow fuctuations to provide a smoother discharge fow. This function is critical in applications that need to minimize system vibration in order to protect and enhance the accuracy of downstream instrumentation. It also extends equipment life by reducing the load on the pump.



SOLENOID VALVES AND BATCH CONTROLLERS

Solenoid control for All-Flo pumps are available in two types: on/off control and integrated pulse control for metering and dispensing applications. On/Off Control are available with air ports in both 3/8" and 3/4" and thus can be used and an accessory on any available pump. Pulse control solenoids are factory installed in 1/4", 3/8", 1/2" and 1" pumps and can be used for dispensing application with our handheld or remote (4-20mA) batch controller. All solenoids are available in 12VDC, 24VDC, 120VAC or 220VAC and utilize a standard DIN 43650B or DIN 43640C connector, depending on the pump size. For batch control, 12VDC solenoids are required. In addition to solenoid control, cycle counters are available on all pumps.



DRUM PUMP KITS

Drum pump kits allow for the convenient transfer of fuids from a 55 gallon drum. Each kit is made of compatible material and comes with a 40 inch tube (for maximum fuid transfer) and a bung adaptor (for connection to the drum. Drum Pump kits are available for all 1/4", 3/8", 1/2" and 1" pumps. For 3/8" pumps and larger, pumps should be confgured as bottom suction for use with the drum pump kit.



MISCELLANEOUS PUMP ACCESSORIES

Optional pump accessories include Filter/Regulator Gauges to regulate the air pressure to control the speed of an AODD. Other accessories include grounding kits for use in ATEX applications.

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