Model FT05 Metallic

AIR OPERATED DOUBLE DIAPHRAGM PUMPS

Specifications

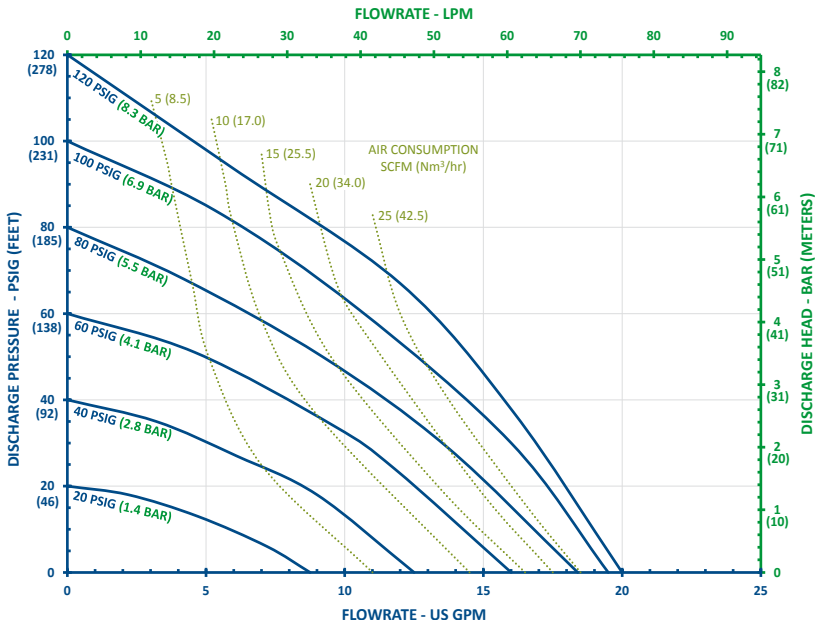
Suction & Discharge Size:	1/2" x 1/2"
Standard Porting Location*:	End
Connection Types:	NPT, BSPT
Air Inlet & Air Exhaust Size:	1/4" FNPT x 1/2" FNPT

*Optional NPT or BSP threaded center port location in either horizontal or vertical position

Capabilities

Maximum Flow Rate:	20 gpm (76 lpm)
Maximum Air Supply Pressure:	120 psi (8.3 bar)
Displacement Per Stroke:	0.026 gal (0.10 lit)
Minimum Air Inlet Pressure:	10 psig (0.7 bar)
Maximum Particle Size :	0.19 in (4.7 mm)
Sound Pressure:	72.1 dB(A)
Operating Temperature:	Determined by elastomers

Performance



Note: Full stroke diaphragm allows performance to be equal for all elastomers.

Typical Applications

- Acids & Bases
- Plating Solutions
- Wastewater
- Paints, Inks, Solvents
- Ceramic Slip and Glaze
- Lubricants and Oils

Typical Industries

- Mining
- Paints and Coatings
- Ceramics
- Pulp and Paper
- Electroplating & Anodizing
- Wastewater
- Marine
- Chemical Manufacturing & Distribution
- OEM's

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CHANGE IS IN THE AIR

Construction

Wetted Materials:	Aluminum, 316SS
Diaphragm Materials:	Neoprene, Santoprene™, FKM, EPDM, PTFE, Buna, Hytrel®, Polyurethane
Air Valve:	GFRPP, Aluminum
Ball Materials:	Neoprene, Buna, EPDM, FKM, Santoprene™, PTFE, 316SS
Seat Materials:	Aluminum, 316SS, PTFE
O-ring Matierals:	Neoprene, Buna, EPDM, FKM, PTFE, FEP/FKM

Santoprene™ is a registered tradename of Exxon Mobil Corp.
Hytrel® is a registered tradename of Dupont™

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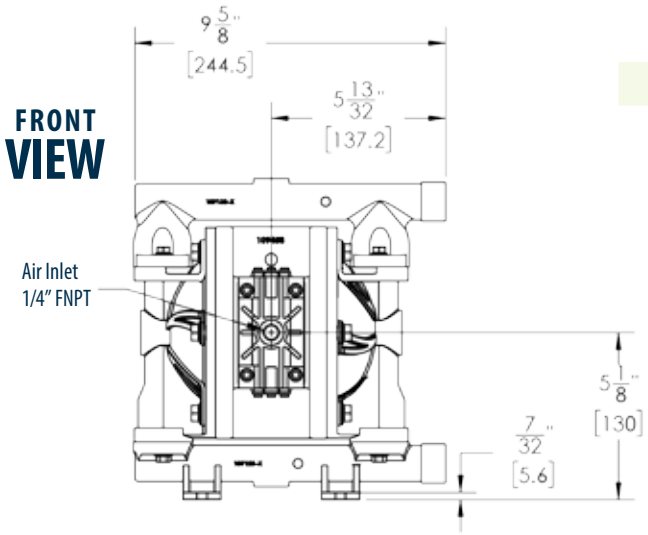
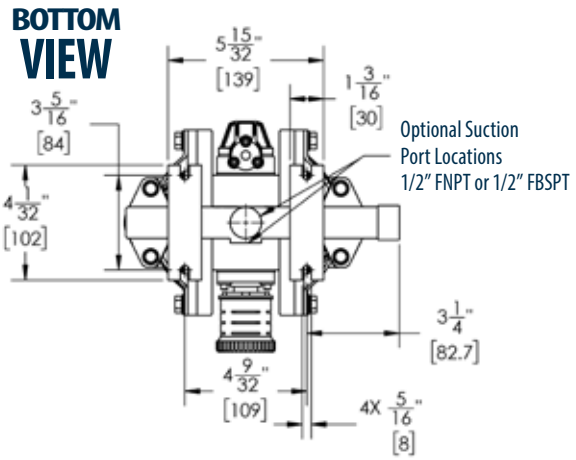
Dimensions

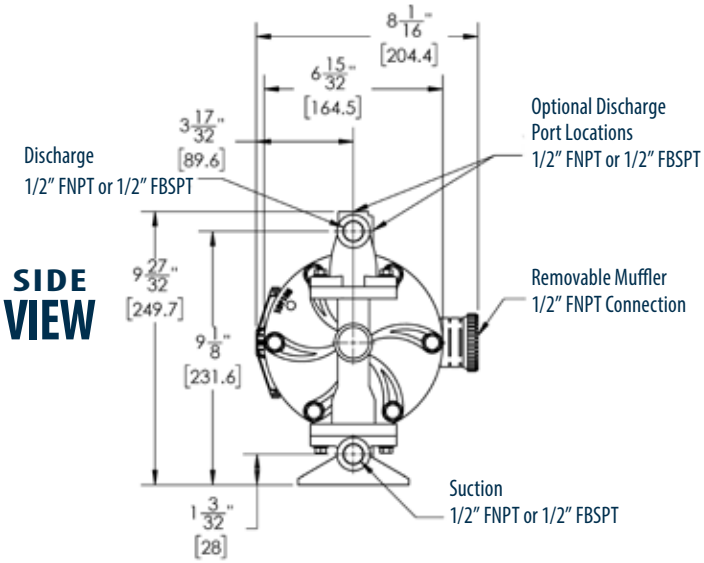
Maximum Height:	9-27/32 in (250 mm)
Maximum Width:	9-5/8 in (246 mm)
Maximum Depth:	8-1/16 in (204 mm)

Weight

Aluminum:	11.7 lb (5.3 kg)
Stainless Steel:	15.5 lb (7.0 kg)







FTI AIR
921 GREENGARDEN ROAD ERIE, PA 16501
Tel: (800) 934-9384 • Fax: (814) 459-3460
www.FTIAIR.com

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Michael Smith Engineers Limited
www.michael-smith-engineers.co.uk
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