Model FT20A Metallic

AIR OPERATED DOUBLE DIAPHRAGM PUMPS

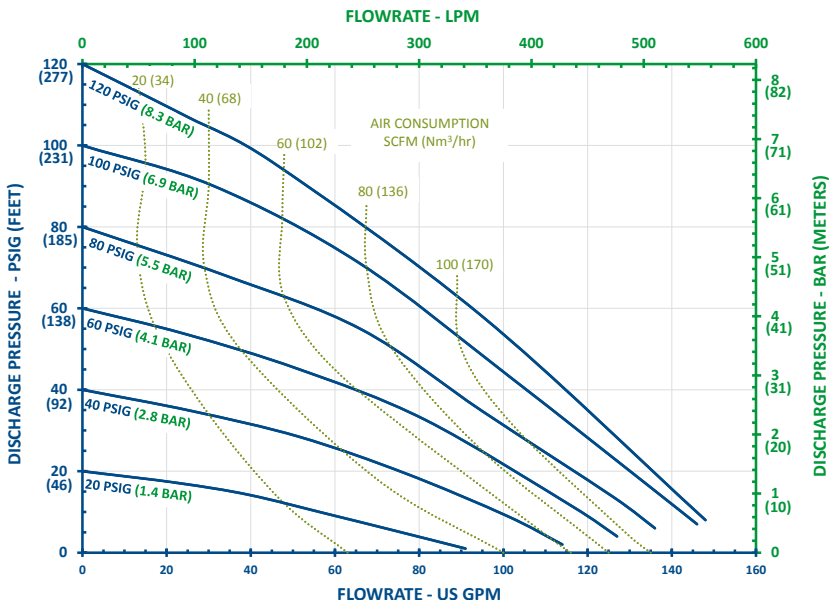
Specifications

Suction & Discharge Size:	2″ x 2″
Porting Location:	Center
Connection Types:	FNPT, BSPT
Air Inlet x Air Exhaust Size:	3/4″ FNPT x 3/4″ FNPT

Capabilities

Maximum Flow Rate:	156 gpm (590 lpm)
Maximum Air Supply Pressure:	120 psi (8.3 bar)
Displacement Per Stroke:	0.31 gal (1.2 lit)
Minimum Air Inlet Pressure:	10 psig (0.7 bar)
Maximum Particle Size :	0.35 in (8.9 mm)
Sound Pressure:	77 dB(A)
Operating temperature:	Determined by elastomers

FT20 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

CHANGE IS IN THE AIR

Construction

Wetted Materials:	Aluminum
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, Hytrel, Buna, Neoprene, EPDM, FKM, Santoprene™, Polyurethane
O-ring Materials:	Neoprene, Buna, EPDM, FKM, PTFE, FEP/FKM

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

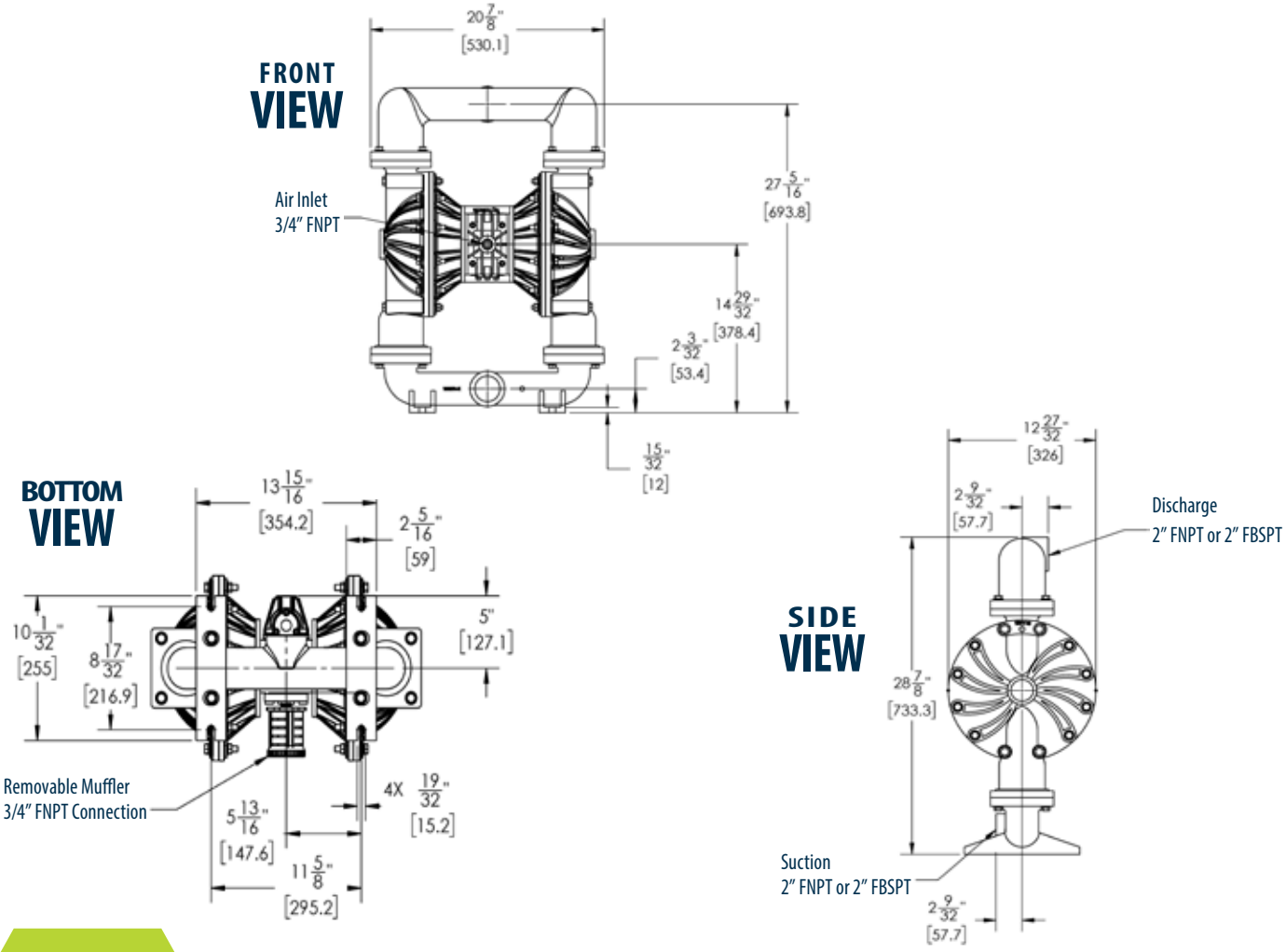
Pat. http://ftiair.com/resources/ip/

Dimensions

Maximum Height:	28-7/8 in (733 mm)
Maximum Width:	20-7/8 in (530 mm)
Maximum Depth:	12-27/32 in (326 mm)

Weight

Aluminum:	87 lb (39.5 kg)



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

OFFICIAL UK DISTRIBUTOR:
Michael Smith Engineers Limited
www.michael-smith-engineers.co.uk
freephone: 0800 316 7891

5 YEAR WARRANTY

USA Designed, Engineered & Assembled