MODEL FT30V
PLASTIC
AIR OPERATED DOUBLE DIAPHRAGM PUMPS



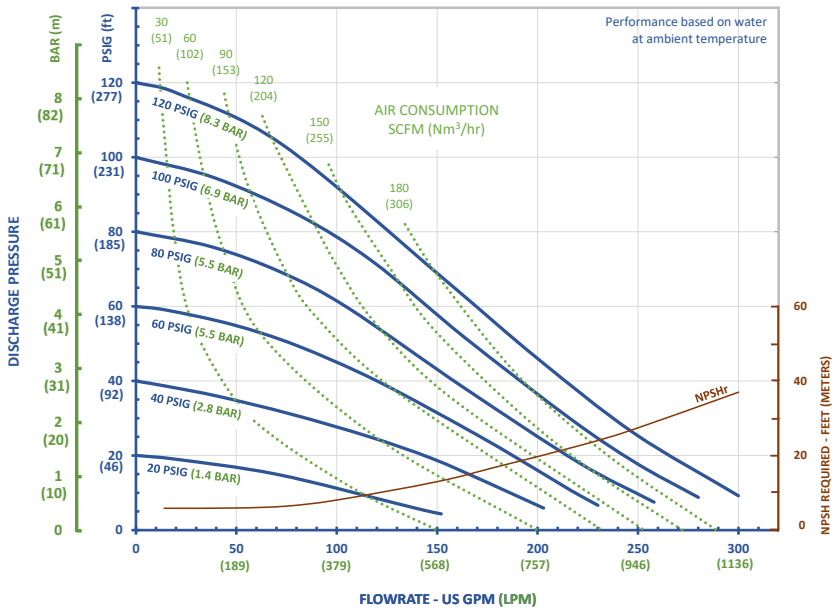
SPECIFICATIONS

Suction and Discharge Size	3" x 3"
Standard Porting Location	Center (Position Adjustable)
Connection Types	ANSI/DIN/ISO flange
Air Inlet and Air Exhaust Size	3/4" FNPT x 1" FNPT

CAPABILITIES

Maximum Flow Rate	300 gpm (1163 lpm)
Maximum Air Supply Pressure	120 psi (8.3 bar)
Displacement Per Stroke	1.0 gal (3.8 lit)
Minimum Air Inlet Pressure	10 psig (0.7 bar)
Maximum Particle Size	0.5 in (12.7 mm)
Sound Pressure	87.2 dB(A)
Maximum Temperature	220°F (104°C)

FT30V PLASTIC PERFORMANCE



TYPICAL APPLICATIONS

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

TYPICAL INDUSTRIES

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

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

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CONSTRUCTION

Description	Construction
Wetted Materials	CF PVDF
Diaphragm Materials	Neoprene, Santoprene™, FKM, EPDM, PTFE, Buna, Hytrel®, Polyurethane
Air Valve	Stainless Steel
Ball Materials	Neoprene, Buna, EPDM, FKM, Santoprene™, PTFE, 316SS
Seat Materials	PVDF
O-ring Matierals	Buna, FKM, PTFE, Santoprene™, FEP/FKM

Santoprene™ is a registered tradename of Celanese.
Hytrel® is a registered tradename of Dupont™

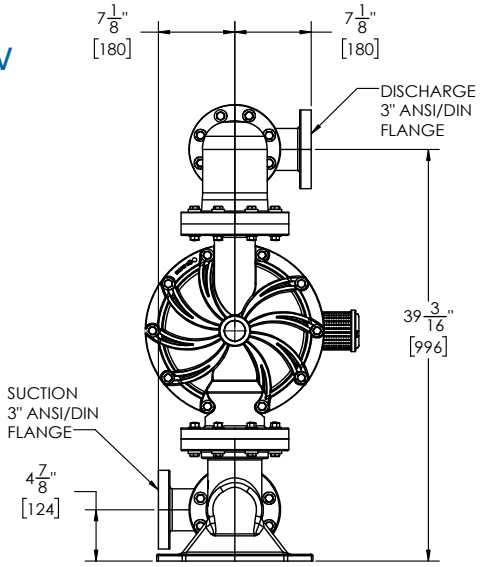
WEIGHT

Material	lb (kg)
FT30V (approximate)	237 (109)

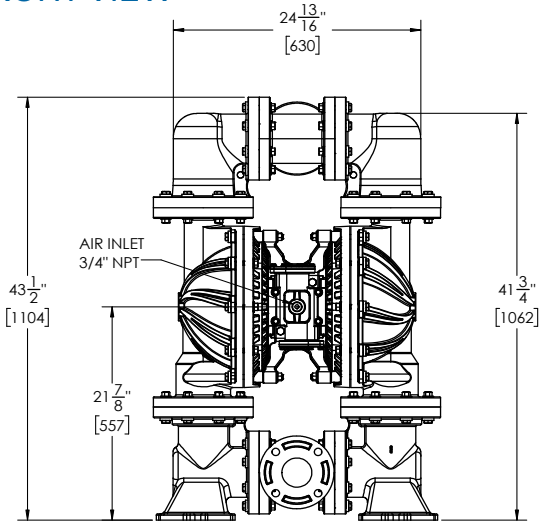
DIMENSIONS

	in	mm
Maximum Height	43-3/4	1111
Maximum Width	28-3/4	730
Maximum Depth	20	508

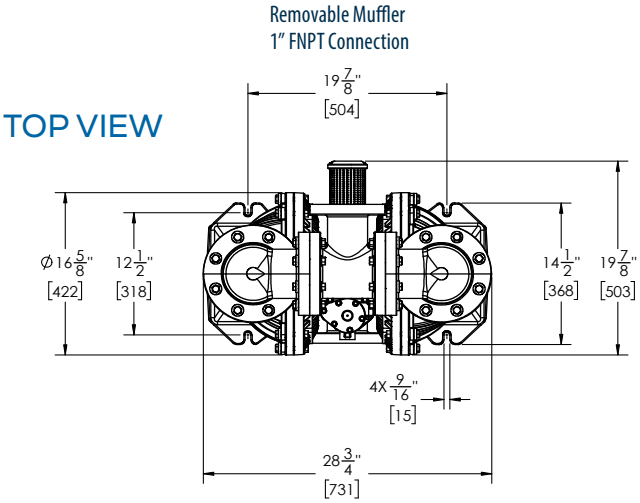
SIDE VIEW



FRONT VIEW



TOP VIEW



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