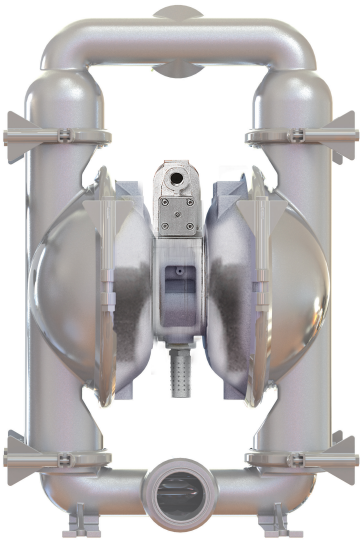
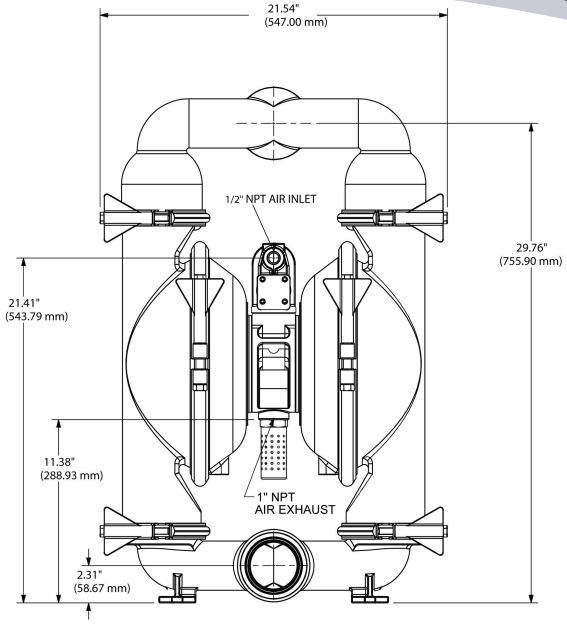
SPFP30SST | AODD Pump

HYGENITEC FLOW CONTROL
A UNIBLOC® BRAND





FDA CE Ex II 2 G c T5

Technical Specifications

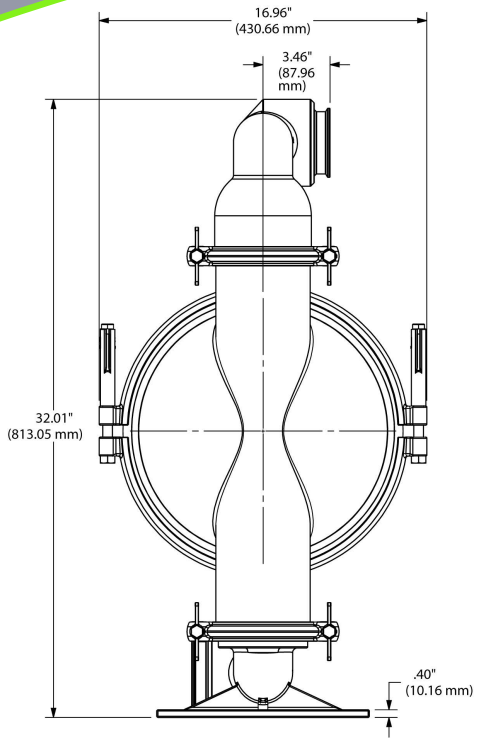
Max. Flow Rate	180 gpm (681 l/min)
Fluid Displacement Per Cycle*	0.92 gal. (3.5 l)
Max. Fluid Working Pressure	125 psi (8,6 bar)
Air Pressure Operating Range*	20-125 psi (1,4-8,6 bar)
Max. Particulate Size (Dia.)	3/8" (9,5 mm)
Max. Suction Lift	Wet 32 ft. (9,8 m) / Dry 12 ft. (3,7 m)
Max. Temperature	220°F (104°C)
Elastomers/Diaphragms	PTFE
Center Block	316SS
Fluid Section	316SS
Port Configuration	Center Horizontal
Intake / Discharge Connection	3" Tri-Clamp®
Air Inlet / Exhaust Size	1/2" npt(f) / 1" npt(f)
Noise Level at 70 psi (4,8 bar)	95 dBa
Max. Viscosity**	25,000 cps (mPas)
Shipping Weight	189 lbs.(86 kg)

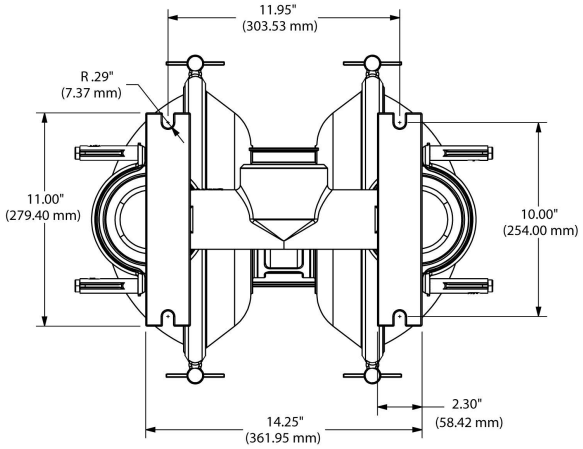
Technical Notes:

*Startup pressures and displacement per cycle may vary based on suction condition, discharge head, air pressure, and fluid type.

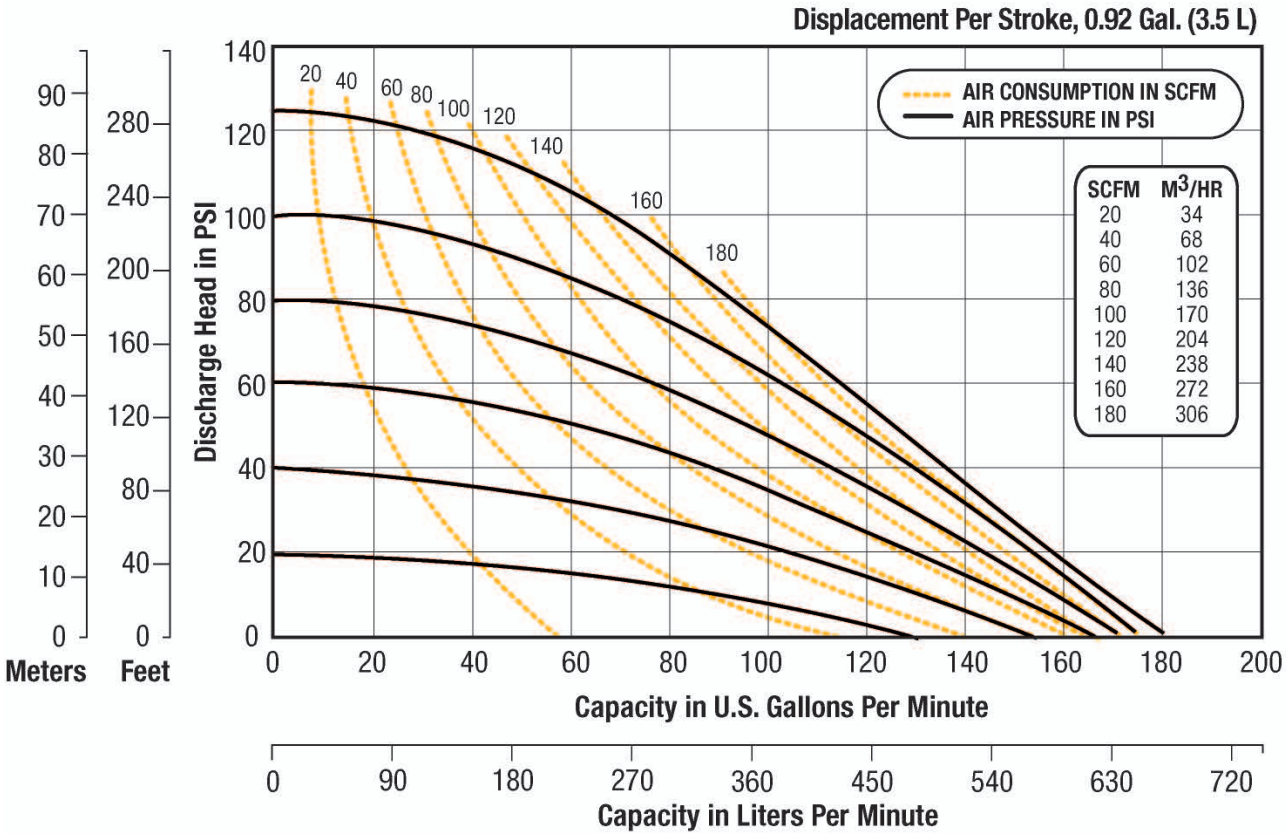
** Viscosity range may vary due to factors such as suction condition and media composition.

All fluid contact materials are FDA-compliant and meet the United States Code of Federal Regulations (CFR) Title 21 for repeated use in food-processing machinery. The pump user must verify that the construction materials meet their specific application requirements.


16.96"
(430.66 mm)
3.46"
(87.96
mm)
32.01"
(813.05 mm)
.40"
(10.16 mm)


11.95"
(303.53 mm)
R .29"
(7.37 mm)
11.00"
(279.40 mm)
10.00"
(254.00 mm)
2.30"
(58.42 mm)
14.25"
(361.95 mm)

BOTTOM VIEW


Displacement Per Stroke, 0.92 Gal. (3.5 L)
AIR CONSUMPTION IN SCFM
AIR PRESSURE IN PSI
SCFM M3/HR
20 34
40 68
60 102
80 136
100 170
120 204
140 238
160 272
180 306
Discharge Head in PSI
Meters
Feet
Capacity in U.S. Gallons Per Minute
Capacity in Liters Per Minute