

1/2" (12.7 mm) AODD Pump Polypropylene Body / PTFE Diaphragm

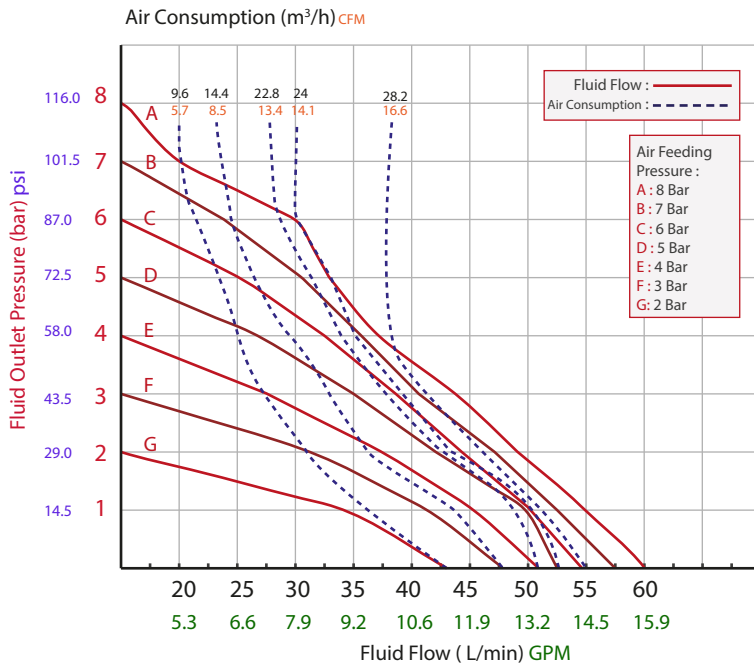


Technical Specifications

Pump Code	AB15-P1
Max. Flow Rate	60 L/min (15.9 GPM)
Max. Cycles Per Minute	432 CPM
Displacement per cycle	0.18 L
Fluid Inlet/Outlet Size	1/2" NPT (12.7 mm)
Air Inlet Size	1/4" (6.35 mm)
Max. Fluid Working Pressure	8 bar (116 psi)
Max. Air Consumption (at 5 bar)	24 m ³ /h (14.1 CFM)
Ratio	1:1

Pump Housing Material	Polypropylene
Center Section Material	Polypropylene
Max. Particle Size	1.5 mm (0.06 in)
Max. Suction Lift	6 m (19.7 ft) Wet, 3 m (9.8 ft) Dry
Max. Operating Temperature	80 °C (176 °F)
Noise Level	65 dBa (at 5 bar)
Diaphragm Material	PTFE
Check-Valve Material	PE
Weight	2.7 kg (5.95 lb)

Performance Curves



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Test Conditions:

All tests were conducted using water at ambient temperature (approximately 20°C), with the suction hose submerged in the fluid and without a muffler installed. All performance data shown are approximate and provided for reference only. Actual results may vary depending on operating conditions and fluid characteristics.

Example:

To achieve a flow rate of 35 L/min at a discharge pressure of 4 bar, the pump requires an air supply pressure of 7 bar and approximately 24 m³/h of air consumption.

Dimensions (mm [in])

A	212 [8.35]
B	297 [11.7]
C	26 [1.02]
D	256 [10.1]
E	150 [5.91]
F	162 [6.38]
G	87 [3.43]
H	6 [0.236]

