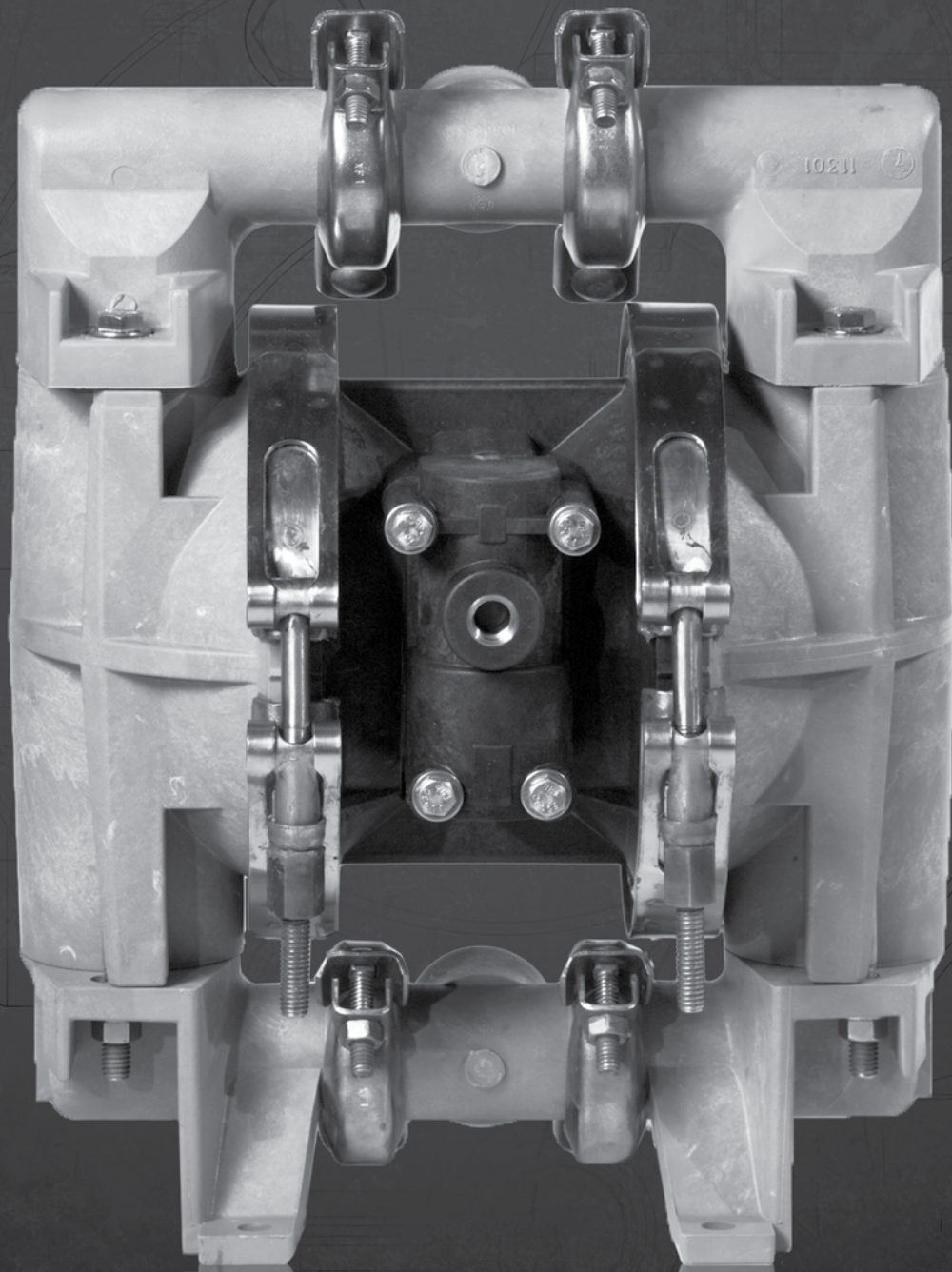


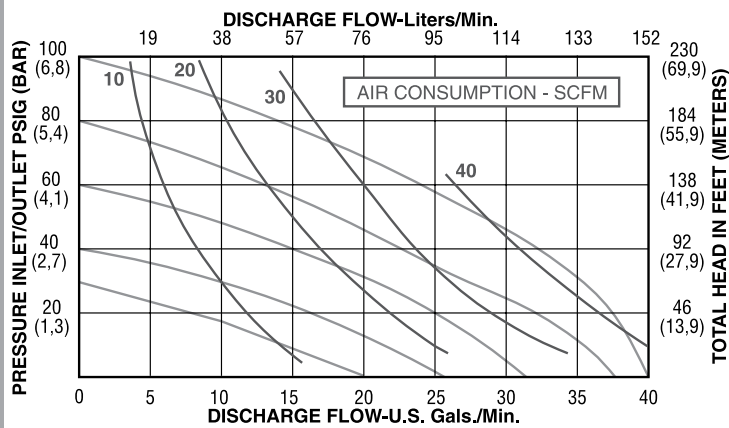
**PUMP OPERATIONS & MAINTENANCE MANUAL**



**C100 - PLASTIC 1 INCH AIR OPERATED DOUBLE DIAPHRAGM PUMP**

# PERFORMANCE CURVES

PERFORMANCE CURVE



Performance Specifications

Max. Flow:	40 gpm (152 lpm)
Max. Air Pressure:	100 psi (6.8 bar)
Max. Solids:	1/4" (3.2 mm)
Max. Suction Lift Dry:	15 ft-H <sub>2</sub> O (4.5 m-H <sub>2</sub> O)
Max. Suction Lift Dry w/PTFE:	10 ft-H <sub>2</sub> O (3.0 m-H <sub>2</sub> O)
Max. Suction Lift Wet:	26 ft-H <sub>2</sub> O (7.9 m-H <sub>2</sub> O)
Weight Polypropylene:	19 lbs (8.6 kg)
Weight PVDF:	22 lbs (9.9 kg)
Air Inlet:	1/4" FNPT
Liquid Inlet FNPT/FBSPT:	1"
Liquid Outlet FNPT/FBSPT:	1"
Height:	15.00" (381 mm)
Width:	12.00" (305 mm)
Depth:	11.56" (293 mm)

\*Flow rates indicated on the chart(s) shown were determined by pumping water at flooded suction. For optimum life and performance, pumps should be specified so that daily operation parameters will fall in the center of the pump performance curve.