

Magnum 110

High-Purity Chemical Pump

Years of proven reliability make Trebor®'s Model 110 pump an industry standard for lower flow, high-purity chemical pumping applications. The Model 110 is an air-operated, double-diaphragm pump that uses only virgin PTFE and PFA materials in the fluid path, making it compatible with virtually all process chemicals. The center fluid cavity and internal air control valves make this one of the smallest pumps on the market for its capacity.



Magnum 110 Chemical Pump

Construction

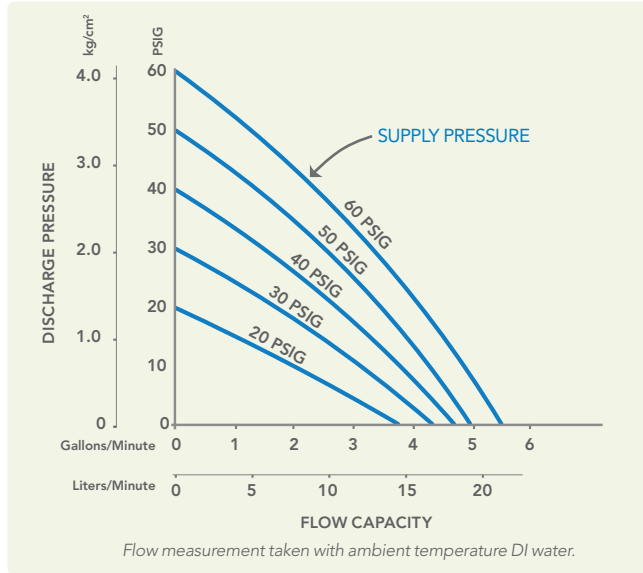
- ▶ High-purity PTFE/PFA fluid path eliminates contamination concerns
- ▶ 100% PTFE wetted seals and FKM (Viton®) standard air-side seals for unmatched chemical compatibility
- ▶ Patented (5,370,507) floating PTFE o-ring check valve for increased dry suction prime and overall pumping efficiency
- ▶ Non-penetrated double layer PFA diaphragm design for longer diaphragm life and safe double chemical containment
- ▶ Optional quick release base for easy installation
- ▶ User serviceable
- ▶ Clean room assembled, tested, and packaged
- ▶ One-year, no maintenance warranty

Performance Summary

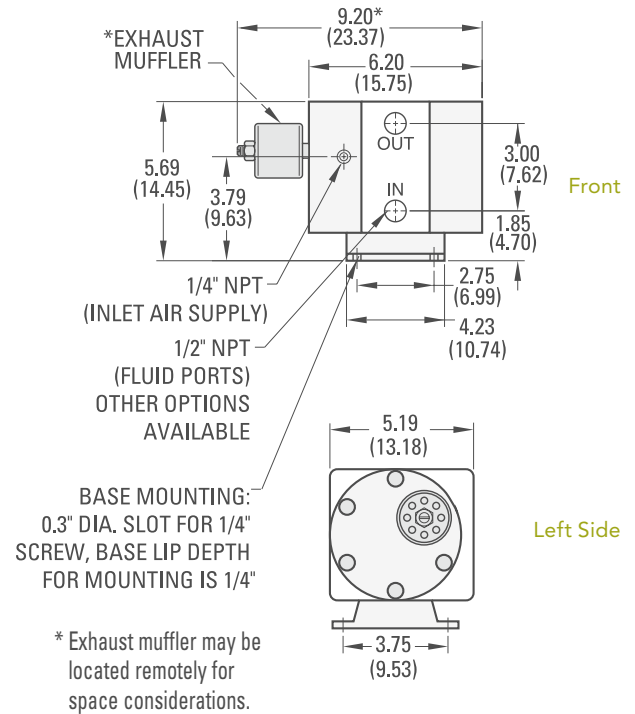
	English	Metric
▶ Maximum pressure	60 psig	4.2 kg/cm ²
▶ Maximum flow rate	5.5 GPM	20.8 LPM
▶ Suction lift: dry water columns*	7 ft	2.1 m
▶ Maximum fluid operating temperature	212 °F	100 °C
▶ Dimensions	9.5" W 5.8" T 5.2" D	24.1 cm. 14.8 cm. 13.2 cm.
▶ Weight	8 lbs.	3.6 kg

**Performance measurements taken with ambient temperature DI water*

Flow Capacity



Dimensions in Inches (cm.)



Options and Ordering

Use the code numbers for ordering the following options for your Magnum 110 High-Purity Chemical Pump.

PUMP	110R	Magnum 110 Recirculation Pump
PUMP	110E	Magnum 110 External Control Pump
FLUID CONNECTION	000	1/2" NPT - Without Fluid Port Fittings
	F06	3/8" Flare Tube Adapter
	F08	1/2" Flare Tube Adapter
SURGE SUPPRESSOR	00	No Surge Suppressor
	40	Model SS40 Surge Suppressor-Pump Mounted
	75	Model SS75 Surge Suppressor-Pump Mounted
OPTIONS	A0	No Option
	A1	FFKM (Chemraz® or Kalrez®) Air-Side Seals
	A2	Non-metallic Ceramic Shuttle
	A3	FFKM Air-Side Seals & Ceramic Shuttle
	A6	Cycle Probe

Unless noted as standard, pump options and accessories are available at an additional charge

Example of an order number based on configuration options:

110R	F08	40	A6
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