

Magnum 620

Ultrapure, Compact Chemical Pump

Reliable, compact, and affordable — Trebor®'s Magnum 620 air-operated chemical pump is the industry leader for chemical delivery and recirculation applications. Constructed with a 100% PTFE and PFA fluid path and no metal parts or elastomer seals anywhere in the pump, the Magnum 620 offers an ultrapure pumping solution that is compatible with virtually all chemicals.

Ultra-long life PTFE diaphragms last over 100 million cycles – typically two years or more in most applications– unheard of in other diaphragm pumps.

Construction

- ▶ No metal part or elastomer o-ring seals, and 100% PTFE/PFA fluid path ensures an ultrapure pumping solution and provides excellent chemical compatibility
- ▶ No metallic air-side components eliminate potential contamination
- ▶ Reversible discharge port/damper port for 90° top outlet connection
- ▶ Adjustable exhaust muffler provides reliable operation in high back-pressure applications
- ▶ Clean room assembled, tested, and packaged
- ▶ One-year, no maintenance warranty



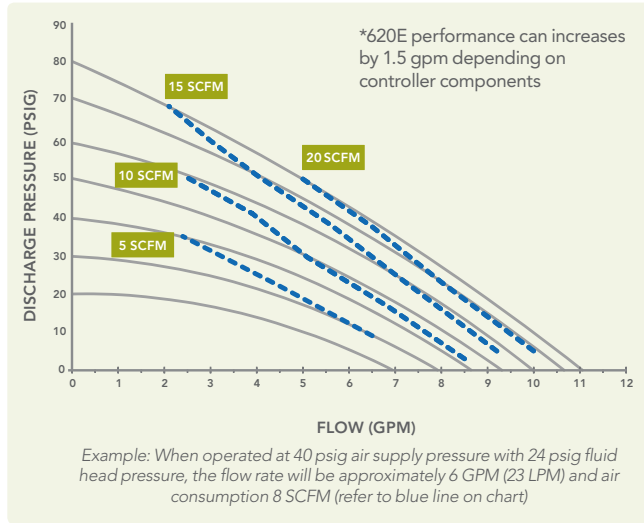
Magnum 620 Chemical Pump

Performance Summary

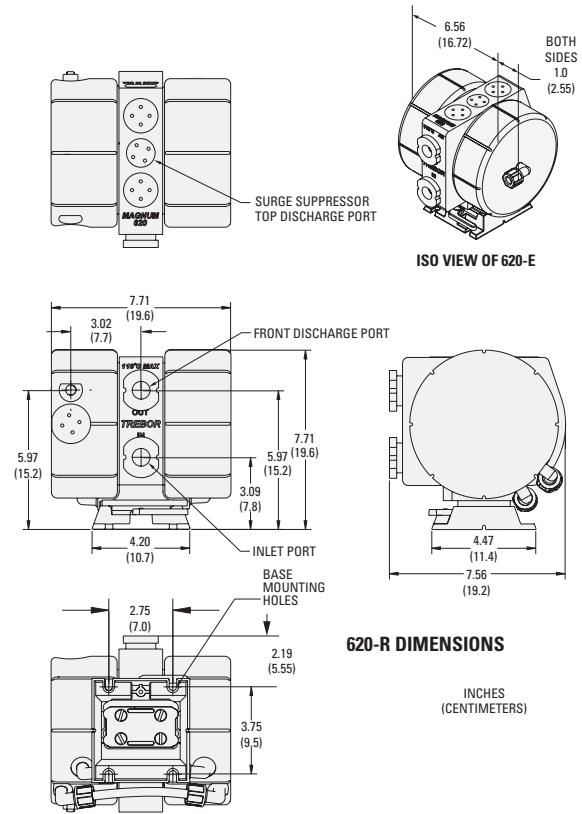
	English	Metric
▶ Maximum pressure	80 psig	.55 MPa
▶ Maximum flow rate	11 GPM	41.6 LPM
▶ Suction lift: dry water columns*	9 ft	2.7 m
▶ Maximum fluid operating temperature	230 °F	110 °C
▶ Dimensions	8" W 8" T 8" D	20.3 cm 20.3 cm 20.3 cm
▶ Weight	12.5 lbs.	5.7 kg

*Performance measurements taken with ambient temperature DI water

Flow Capacity



Dimensions in Millimeters (in.)



Options and Ordering

Use the code numbers for ordering the following options for your Magnum 620 Pump.

PUMP	620R	Magnum 620 Recirculation Pump
	620E	Magnum 620 External Control Pump
FLUID CONNECTION	000	1" NPT - Without Fluid Port Fittings
	F08	1/2" Flare Tube Adapter
	F12	3/4" Flare Tube Adapter
	T12	3/4" PFA Tube Stub-Out
SURGE SUPPRESSOR	00	1" NPT - Without Fluid Port Fittings
	40	1/2" Flare Tube Adapter
	85	3/4" Flare Tube Adapter
OPTIONS	A0	No Option
	A1	Cycle Probe
	A2	Remote Exhaust
	A3	Leak Probe
	A5 (620E Only)	Remote Exhaust
	A6	One Piece Molded Base for 620R/Quick Release Base Option for 620E
	A7	Cycle Probe and Leak Probe

Example of an order number based on configuration options: 610E F12 85 A6

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