

MAGNUM 620

Customizable Reliability



**HIGH
BACKPRESSURE CAPABLE**
(D-STYLE CONTROL ONLY)

NON-STALL AIR LOGIC
(RELIABLE OPERATION IN
DIVERSE APPLICATIONS)

**PTFE/PFA
FLUID PATH**

**NO ELASTOMER
O-RING SEALS**

**MULTIPLE OPTIONS FOR
FEEDBACK AND CONTROL**



The Magnum 620 was designed with innovative thread-on pump heads to help end-users service this pump more easily. It's a completely non-metallic pump with no tie bolts. In addition, the updated design improved the pressure capability of the pump for more rigorous process demands. The newest control style, the 620D, is capable of delivery in applications where system backpressures are high and variable.

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**MAX FLOW**

41.6 LPM / 11 GPM

**MAX TEMPERATURE**

110 °C / 230 °F (620R/E)

100 °C / 212 °F (620D)

**MAX PRESSURE**

80 PSI / .55 MPa

**DRY SUCTION LIFT**

2.7 m / 9 ft

**MATERIALS**

VIRGIN PTFE/PFA Fluid Path

**SHIPPING WEIGHT**

5.89 kg/ 13 lbs. 620R/E

6.80 kg/ 15 lbs. 620D

**APPLICATIONS**Semiconductor/Electronics, LED/
Flat Panel, Chemical Processing
Delivery, Aerospace

620D/R





620E

MAGNUM 620 | OPTIONS (LIMITED LIST SHOWN)

PUMP	620D	MAGNUM 620 PUMP CHEMICAL DELIVERY
	620E	MAGNUM 620 PUMP EXTERNAL CONTROL
	620R	MAGNUM 620 PUMP RECIRCULATION CONTROL
FLUID CONNECTION	00000	1" NPSM
	F0800	1/2" FLARE TUBE ADAPTER
	F1200	3/4" FLARE TUBE ADAPTER
	F1600	1" FLARE TUBE ADAPTER
	T1200	3/4" PFA TUBE STUBOUT
OPTIONS	A0	NO OPTION
	A6	QUICK CHANGE BASE (620E ONLY)
	A8	END OF STROKE HEAD W/EOS PLUGS (620E ONLY)
	More Options Available, Contact Trebor for Information	

Example of an order number based on configuration options:

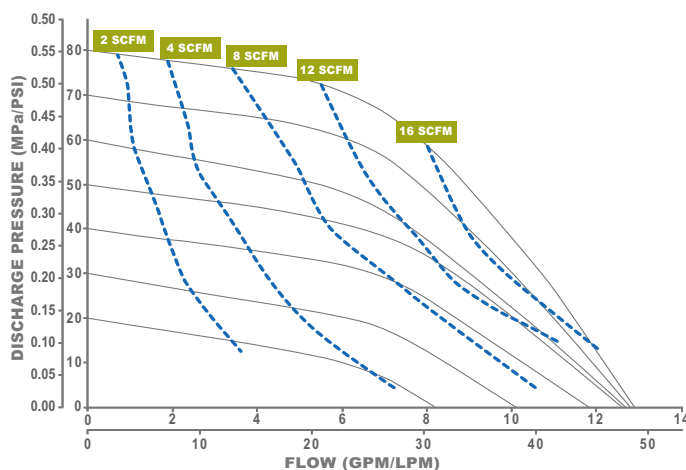
620R	F1200	A6
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MAGNUM 620 | ACCESSORIES

PROBES	DP-S-01	AMPLIFIER; CYCLE/LEAK (SOURCE PNP; ONE PER PROBE)
	DP-S-02	AMPLIFIER; CYCLE/LEAK (SINKING NPN)
	DP-C-2	CYCLE (620D ONLY)
	DP-C-6	CYCLE (620E ONLY)
	DP-C-11	CYCLE (620R ONLY)
	DP-L-22	LEAK SENSOR; FLR; 3/8" X 1/4"; TEE (620E ONLY)
	DP-L-23	LEAK SENSOR; FLR; (620D ONLY)
	DP-L-30	LEAK SENSOR; FLR; TEE (620R ONLY)
	L0187	REMOTE EXHAUST GROUP (620D ONLY)
	AW103	REMOTE EXHAUST GROUP (620R ONLY)
	More Options Available, Contact Trebor for Information	
SURGE SUPPRESSOR	SS85P3A0	PORT MOUNTED
	SS40P3A0	PORT MOUNTED
	More Options Available, Contact Trebor for Information	

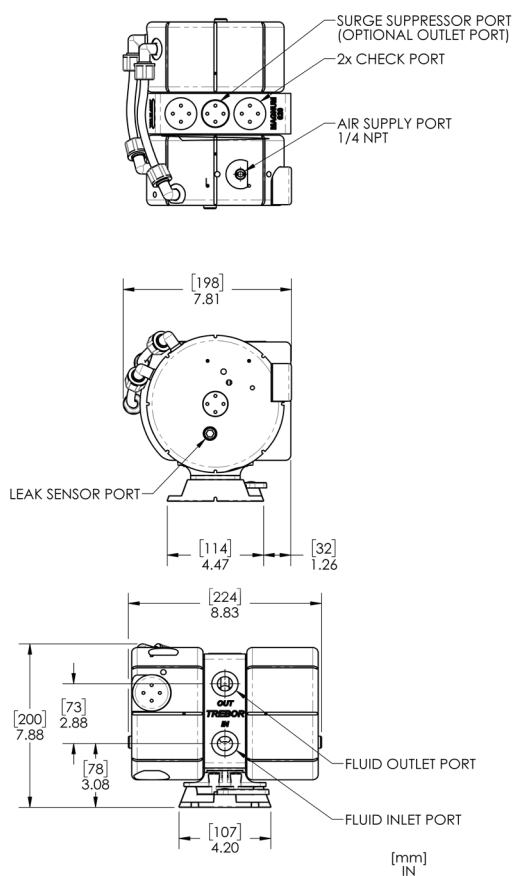
PUMP OPTION

FLOW PERFORMANCE



THIS PERFORMANCE CURVE IS REPRESENTATIVE OF THE 620E MODEL ONLY.
PERFORMANCE OF THE 620R AND 620D WILL VARY.

DIMENSIONS & CONNECTIONS



MAGNUM 620D MODEL SHOWN
FOR 620E AND 620R PLEASE REFERENCE MANUAL

MTD0995-2



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