



MEGA 255

CHEMICAL DELIVERY PUMP



treborintl.com/pumps



Max Flow.
Max Reliability.

OVERVIEW

The Trebor® MEGA 255 pump is built for aggressive, high-flow chemical delivery. With a non-centering magnetic shuttle and intelligent pneumatic control, it handles high backpressure and deadhead conditions with ease. The all-PFS/PTFE fluid path and non-metallic air components ensure ultra-pure performance in corrosive environments, while the free-floating double diaphragm design supports long term reliability.

CONTROL OPTIONS

- **255D** – Distribution Control

PERFORMANCE



MAX FLOW RATE
255 LPM / 67 GPM



WETTED MATERIALS
Virgin PTFE/PFA



MAX TEMPERATURE
100°C / 212°F



DRY SUCTION LIFT
10 ft / 3.0 m



MAX PRESSURE
80 PSI / 0.55 MPa

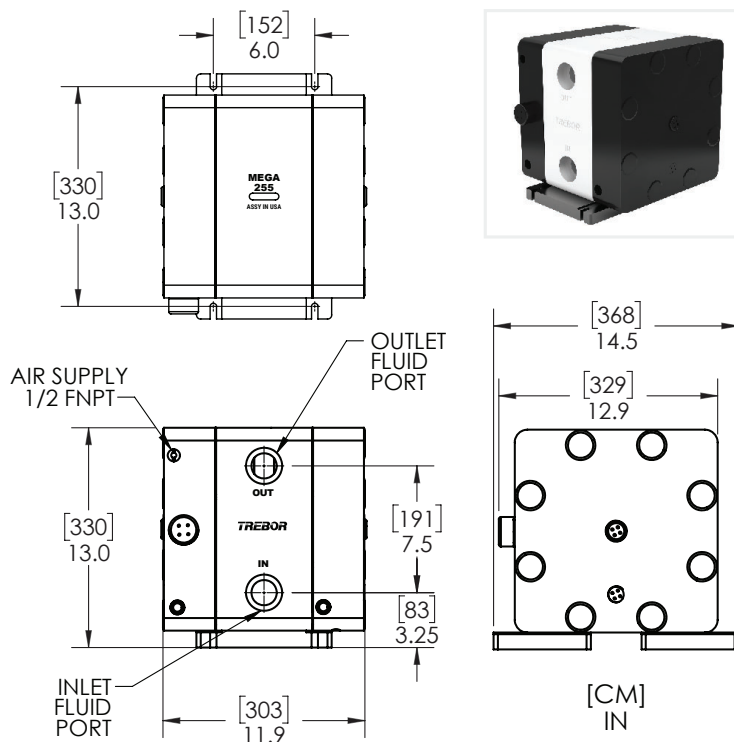


SHIPPING WEIGHT
39.91 kg/ 88 lbs.

KEY FEATURES

- **High Flow, High Pressure:** Up to 255 LPM at 80 PSI supports demanding process requirements.
- **Thermal Resilience:** Operates with fluids up to 100°C, maintaining performance under elevated temperatures.
- **Smart Distribution Technology:** Automatically adjusts cycle rates to meet process demand—conserving air, extending pump life, and protecting chemical filters.
- **Dead-Head Safe:** Smart pilot system eliminates cavitation and allows smooth, damage-free operation against closed valves.
- **Dry Start & Self-Priming:** Safe to run dry and self-primers automatically.
- **Ultra-Pure Chemical Handling:** Virgin PTFE/PFA construction ensures purity and prevents leaching or contamination.
- **Global Certified Rebuild Program:** Guarantees all wear parts are replaced with factory-grade components and includes a renewed warranty for reliable performance.
- **Lowest Cost of Ownership:** Industry-best MTBF and low-cost rebuilds reduce total lifetime cost.

DIMENSIONS



OPTIONS

PUMP	255D	Mega 255 Distribution Pump
OPTIONS	A0	No Option
	A1	Surge Suppressor Top Mount Port

More Options Available, Contact Trebor for Information

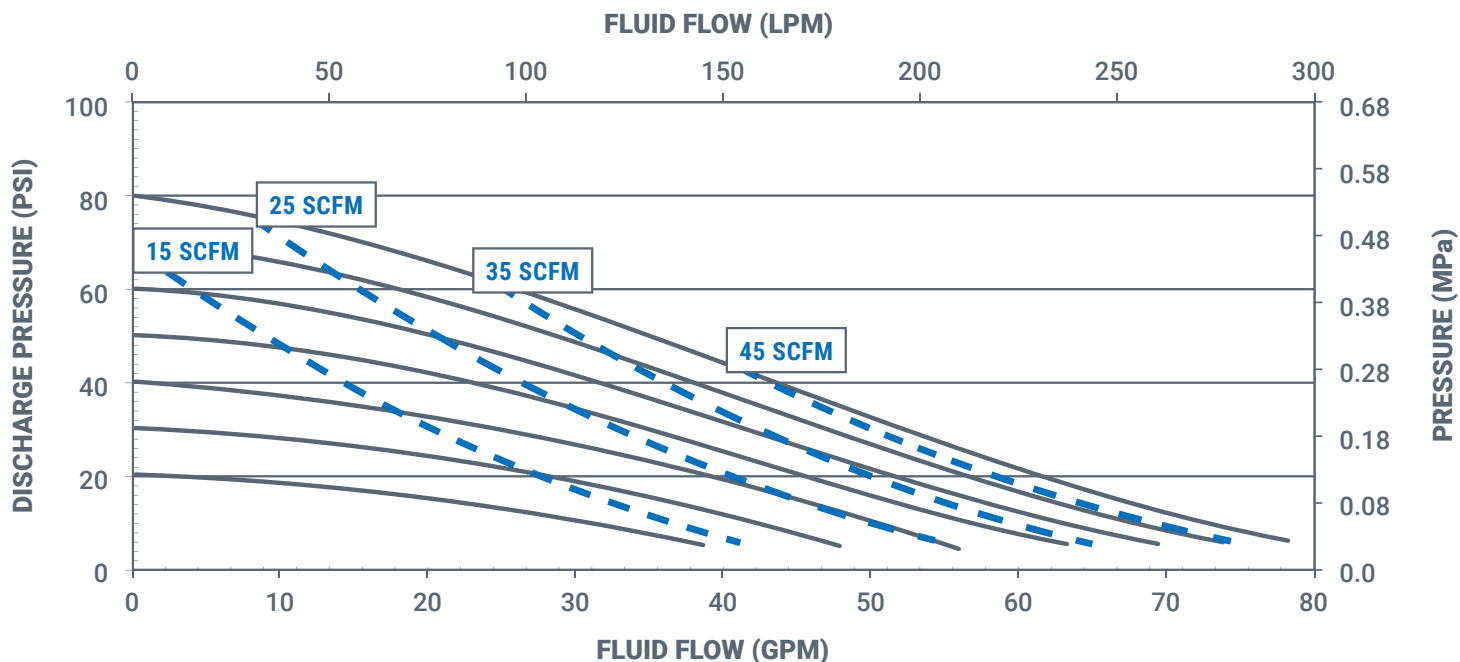
Example of an order number based on configuration options: **255D A0**

ACCESSORIES

PROBES	DP-S-01	Amplifier; Cycle/Leak (Source PNP; One Per Probe)
	DP-S-02	Amplifier; Cycle/Leak (Sinking NPN)
	DP-C-27	Cycle; Magnetic Shuttle
	DP-L-20	Leak Sensor; FLR
FLUID FITTINGS	255B16	Adapter Port; PB Pipe 1"
	255B24	Adapter Port; PB Pipe 1 1/2"
	255P16	Adapter Port; NPT; 1"
	255P24	Adapter Port; NPT; 1 1/2"
	BQ033	Adapter Port Seal
SURGE SUPPRESSORS	SS95P5A0	Port Mounted

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FLOW PERFORMANCE



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