

# MEGA 255

## Chemical Pump



**HIGH  
BACKPRESSURE  
CAPABLE**

**NON-CENTERING  
MAGNETIC SHUTTLE  
SYSTEM**

**HIGH SUCTION  
CAPABILITIES**

**PTFE/PFA  
FLUID PATH**

**REPLACEABLE  
SHAFT BUSHING**

The Mega 255 is ideal for high flow chemical delivery applications. This pump features Trebor's non-centering magnetic shuttle that is proven to reliably operate under high pressure and closed discharge valve conditions. The fluid path is constructed entirely of PFA and PTFE to ensure high-purity pumping and chemical compatibility. The non-metallic air chamber components make this pump suitable for use in aggressive acid vapor environments. Trebor's Mega 255 uses proven pump technology to consistently meet aggressive high flow fluid handling needs.



**MAX FLOW**  
255 LPM / 67 GPM



**MAX TEMPERATURE**  
100°C / 212°F



**MAX PRESSURE**  
100 PSI / .69 MPa



**DRY SUCTION LIFT**  
10 ft / 3m

**TREBOR®**

[treborintl.com](http://treborintl.com)

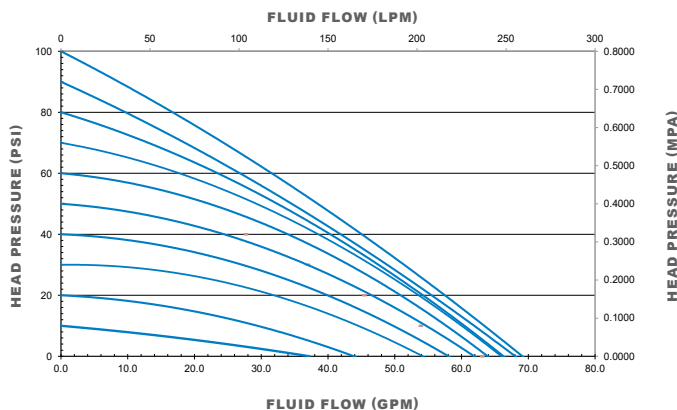
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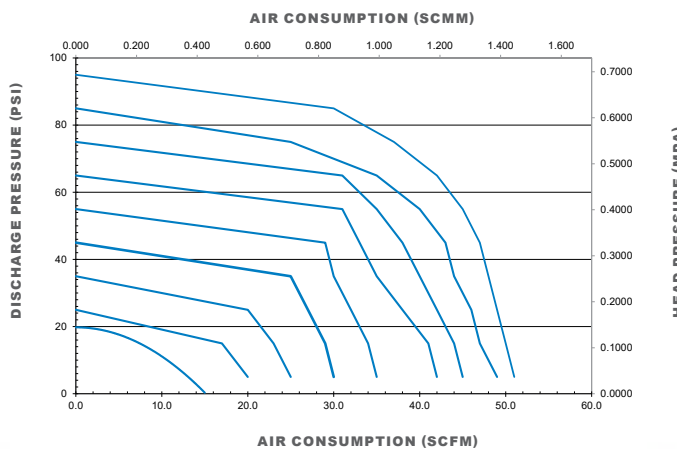
## FEATURES & BENEFITS

- Free Floating Double Diaphragm**  
 Our unattached, non-penetrated diaphragm design extends pump longevity and provides an unsurpassed diaphragm flex life. This unique feature ensures that pumps remain dependable and reliable in critical process applications.
- High Suction Capabilities**  
 The new differentiated check assemblies feature a larger inlet port and larger check system which significantly reduce fluid velocity and pressure loss at the pump. The pumps are also equipped with a suction generating shaft to ensure constant vacuum generation.
- Non-Centering Magnetic Shuttle**  
 This zero maintenance shuttle prevents stalling that is caused by “centering”. This innovation ensures maximum MTBF for the pump as well as the avoidance of interruptions to chemical supply that can negatively impact critical processes.
- High Backpressure and Deadhead Capable**  
 Our intelligent pneumatic control ensures that the pump will not switch pressure to the pump chambers until the diaphragm has made a complete stroke, enabling deadhead capable operation.

## FLOW PERFORMANCE



## AIR CONSUMPTION



## PUMP OPTIONS

PUMP	255D	Mega 255 Distribution Pump
FLUID CONNECTION	000	1/2" NPT - Without Fluid Port Fittings
	B20	1" PFA Pipe Stub Adapter
	B24	1 1/2" PFA Pipe Stub Adapter
	P20	1" NPT Pipe Adapter
	P24	1 1/2" NPT Pipe Adapter
OPTIONS	A0	No Option

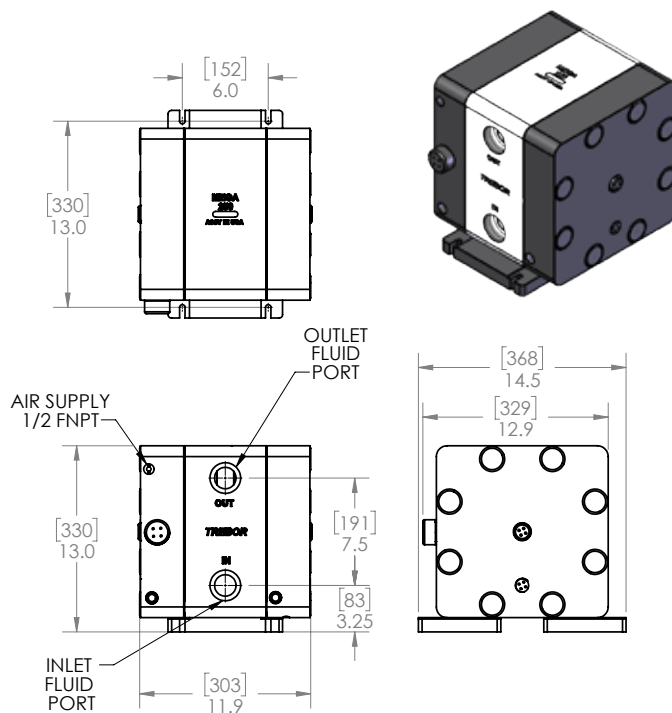
## SURGE SUPPRESSORS (ORDERED SEPARATELY)

SURGE SUPPRESSOR	Model SS95 Surge Suppressor
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## ACCESSORIES (ORDERED SEPARATELY)

ACCESSORIES	Fiber Optic Probes, Sensors, Counters
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## DIMENSIONS IN INCHES (MM)



Trebor uses virgin PTFE and PFA in all products...no re-processed material is allowed.

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