

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

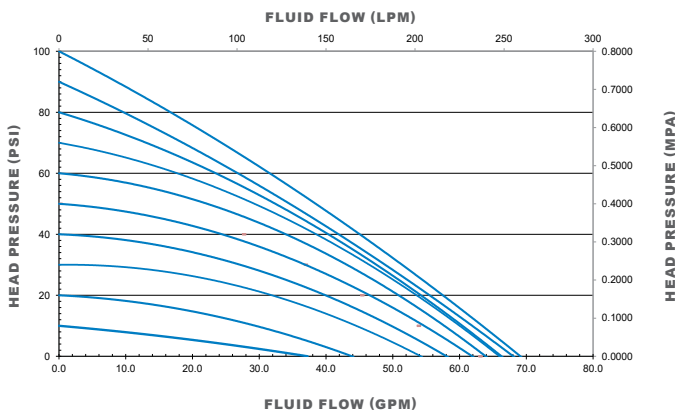
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A Unit of IDEX Corporation

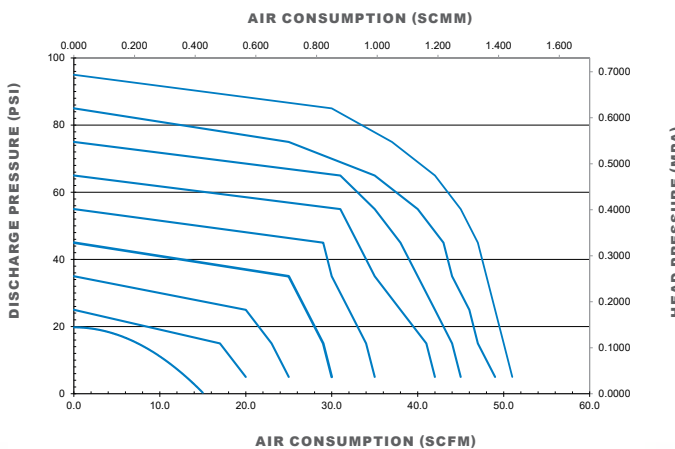
FEATURES & BENEFITS

- 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 |

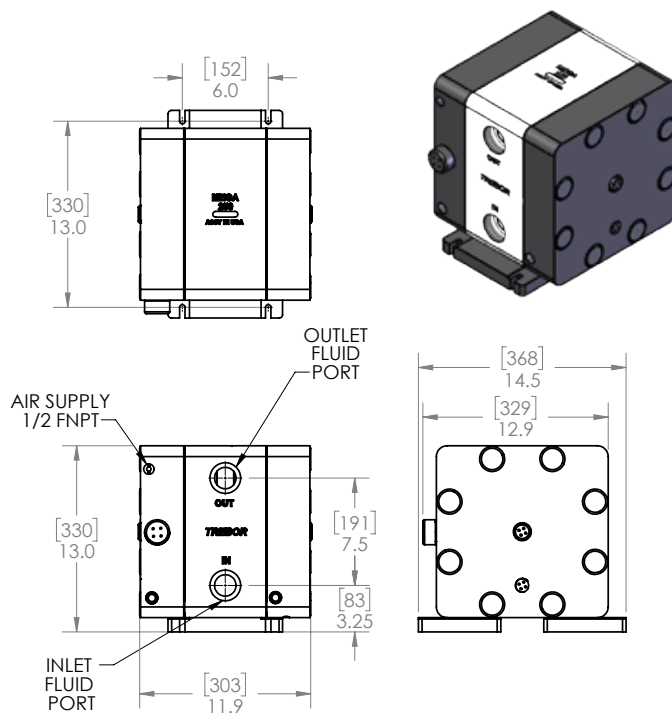
SURGE SUPPRESSORS (ORDERED SEPARATELY)

| | |
|------------------|-----------------------------|
| SURGE SUPPRESSOR | Model SS95 Surge Suppressor |
|------------------|-----------------------------|

ACCESSORIES (ORDERED SEPARATELY)

| | |
|-------------|---------------------------------------|
| ACCESSORIES | Fiber Optic Probes, Sensors, Counters |
|-------------|---------------------------------------|

DIMENSIONS IN INCHES (MM)



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

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