

# T25

## Chemical Pump

### T-SERIES



FREE FLOATING  
DOUBLE LAYER  
DIAPHRAGM

HIGH SUCTION  
CAPABILITIES

NON-CENTERING  
MAGNETIC SHUTTLE  
SYSTEM

INTELLIGENT  
PNEUMATIC  
CONTROL

PNEUMATIC  
DEAD-HEAD  
CAPABILITY

Trebor's T-Series air-operated, double diaphragm chemical pumps are ideal for aggressive, high purity chemical pumping. The T-Series pumps combine the best of Trebor's existing pump technology and introduce new innovative design. The ultra-pure T-Series pumps feature a patent pending non-centering magnetic shuttle system, differentiated check assemblies, and a replaceable shaft bushing. Each pump was designed to be used with the new External Modular Controller that allows the pumps to be interchangeable between control styles. These innovations maximize ease of use, reduce maintenance costs, and increase pump longevity.

***This is PURE INNOVATION.***



**MAX FLOW**  
25 LPM / 6 GPM (D/E style)



**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 patented unattached, non-penetrated diaphragm design extends pump longevity and provides a diaphragm flex life over 200 million cycles/400 million strokes. 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.

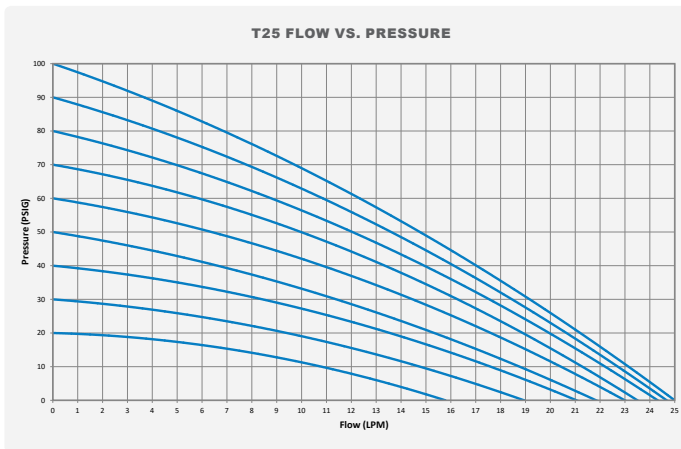
### ► Non-Centering Magnetic Shuttle

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 a deadhead capable operation.

## FLOW PERFORMANCE



## PUMP OPTIONS

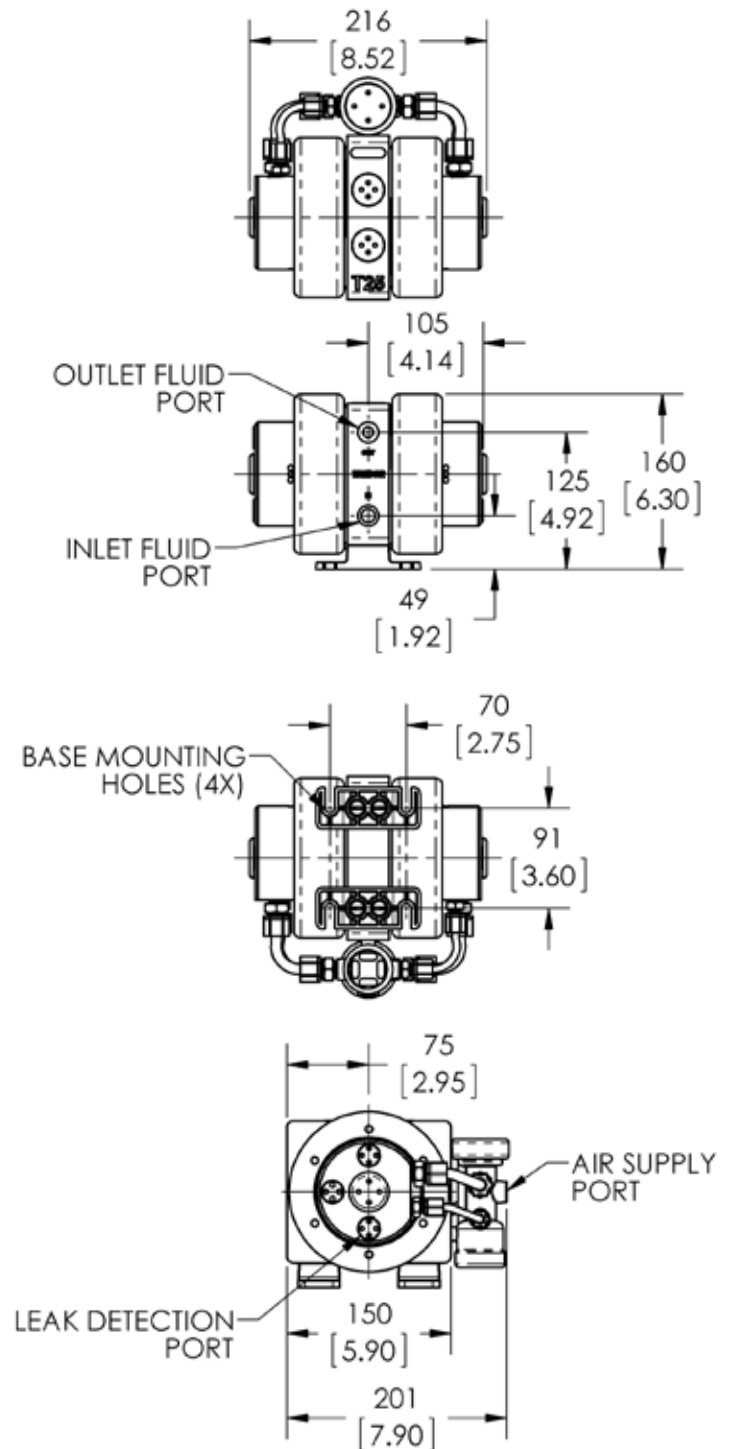
PUMP	T25D	T-Series 25 Pump Chemical Delivery
	T25E	T-Series 25 Pump External Control
OPTIONS	A0	No options
FLUID CONNECTION	T25B08	1/2" Pipe Stub
	T25F06	3/8" Flare
	T25F08	1/2" Flare
	T25F12	3/4" Flare
	T25P08	1/2" NPT
	T25X08	1/2" Pillar

Example of an order number based on configuration options:

T25D A0

Compatible with our SS40 Surge Suppressor

## DIMENSIONS IN MILLIMETERS (IN)



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

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