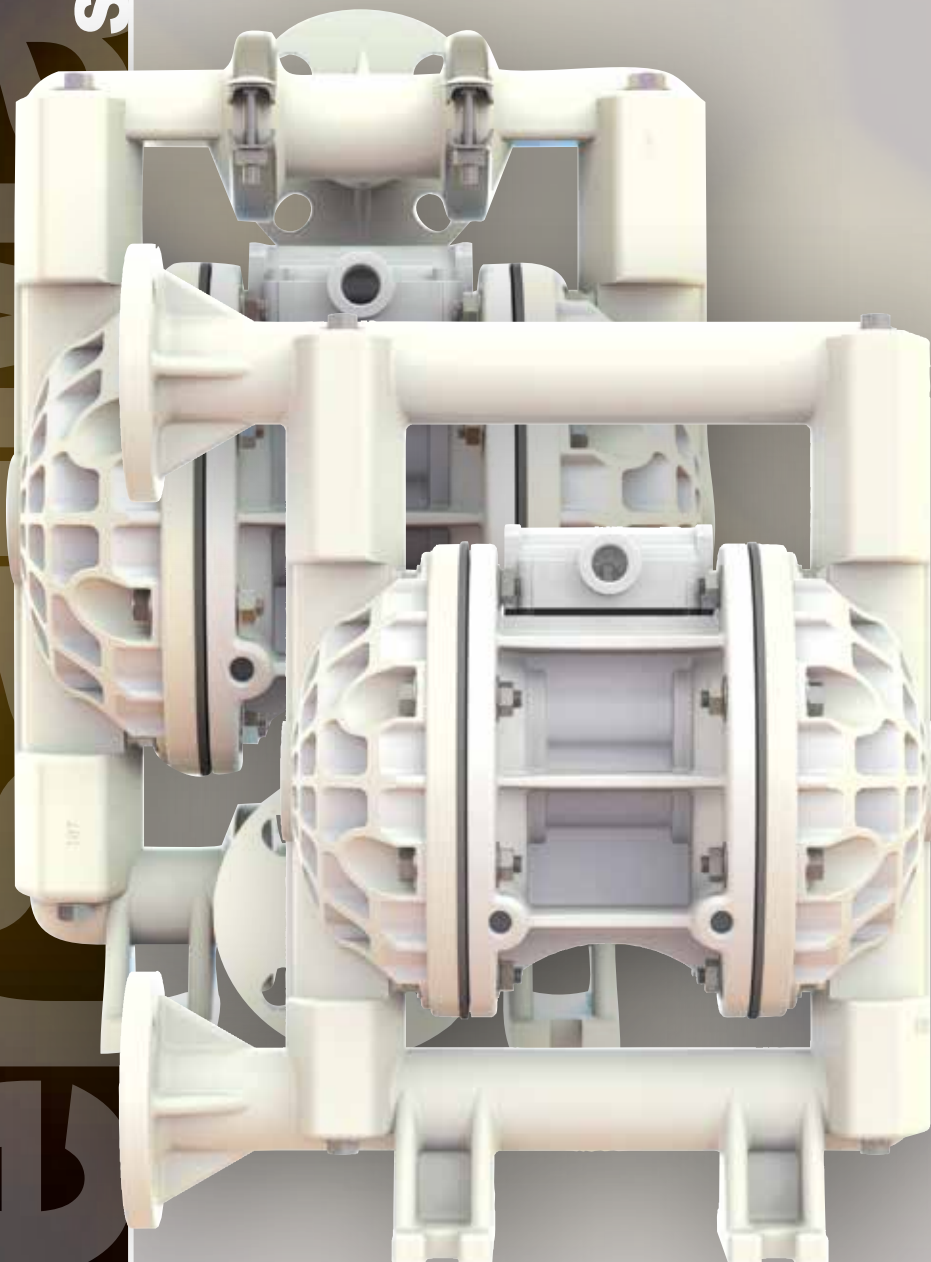




VERSA-MATIC® E1

Experience Superior Performance



Multiple Porting Options

Top, side and end porting for both inlet and discharge

Shoe Valve Technology

On / Off / On reliability, with no costly air blow-by for excellent air efficiency

Adaptable Footprint

Allows for drop-in replacement in existing system configurations



Features & Benefits
E1 1" Non-Metallic Bolted

Specifications
E1 1" Non-Metallic Bolted

E1



Exclusive Elima-Matic Air Valve System
Unbalanced air valve delivers unsurpassed On / Off / On reliability.



Simple, Low Cost Maintenance
Air valve can be easily refurbished with low cost components (seals / bearing sleeves).



Chemical Resistance
Air sections available in non-metallic or metallic construction materials. Protective coating options also available.



Extended Life Diaphragms
Integrated Plate Bonded PTFE diaphragms. Ribbed backer, oversized integral plate, and deflection ridges extend flex life. No outer plates mean no leak path or plate abrasion.



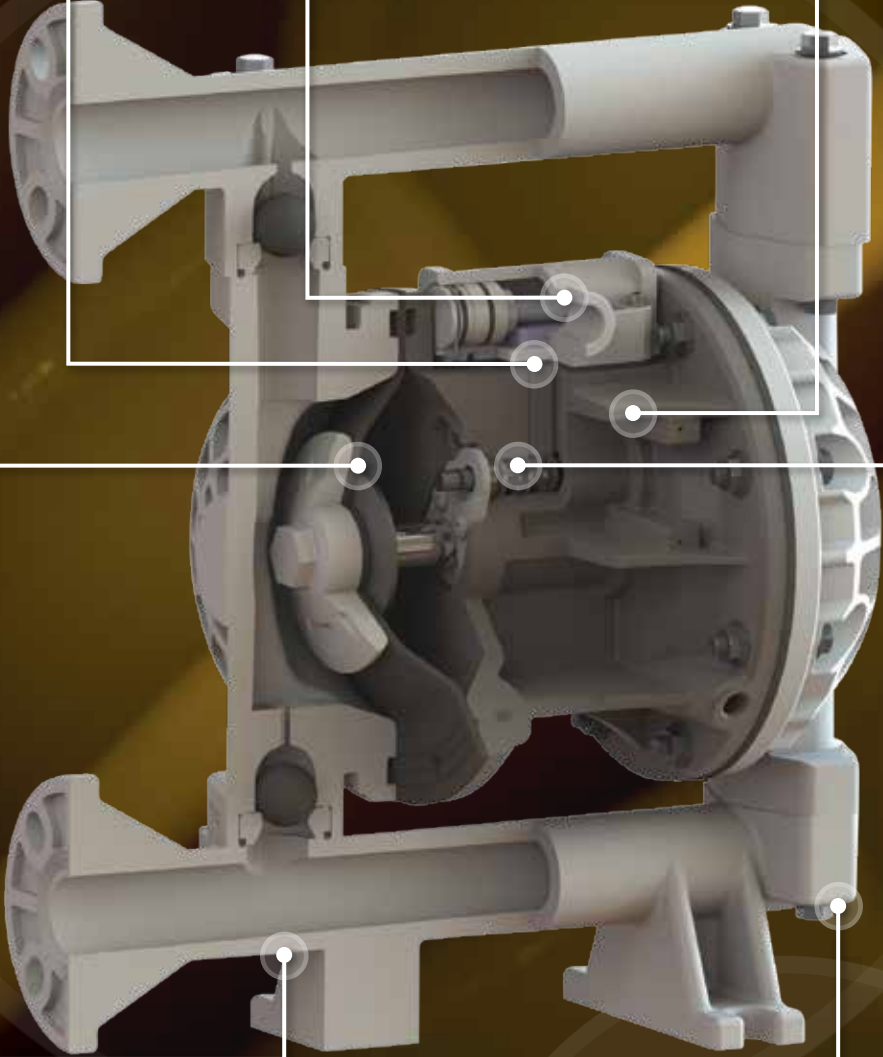
Long Term Reliability
Modular pilot assembly eliminates complexity, and ensures consistent performance after maintenance is performed.



Dimensional Interchangeability
E1 Non-metallic side ported option interchanges with Graco 1040 1" non-metallic unit.



Leak-Free Bolted Construction
Bolted construction provides enhanced sealing capabilities when pumping thin liquids.





Accessories / Kits:
Protect Your Investment and Increase Uptime



Filter / Regulator
Clean dry air for optimum performance and longevity. Automatic drain for maintenance free operation.



Parts Kits
Save time and money with complete parts kits. Repair it once, repair it right.

Performance:

E1 1" Bolted Plastic
Rubber and TPE Fitted

Flow Rate
Adjustable to 0-43 gpm (162.8 LPM)

Port Size
Suction . . . 1" 150 lbs ANSI/DIN 325 Flange
Discharge . . 1" 150lbs ANSI/DIN 325 Flange

Air Inlet 3/8" NPT (9.5 mm)
Air Exhaust 1/2" NPT (12.7mm)

Suction Lift
Dry 11' (3.4 m)
Wet 31' (9.4 m)

Max Solid Size (Diameter) . . 1/8" (3.1 mm)
Max Noise Level 94 dB(A)

Shipping Weights
Polypropylene 17 lbs (7.7 kg)
PVDF 22 lbs (10 kg)

E1 1" Bolted Plastic
PTFE Fitted

Flow Rate
Adjustable to 0-36 gpm (136.3 LPM)

Port Size
Suction . . . 1" 150 lbs ANSI/DIN 325 Flange
Discharge . . 1" 150 lbs ANSI/DIN 325 Flange

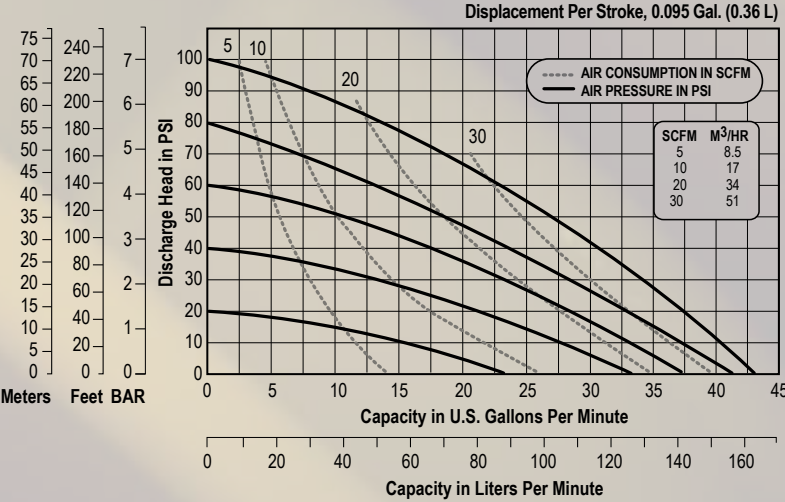
Air Inlet 3/8" NPT (9.5 mm)
Air Exhaust 1/2" NPT (12.7mm)

Suction Lift
Dry 7' (2.1 m)
Wet 31' (9.4 m)

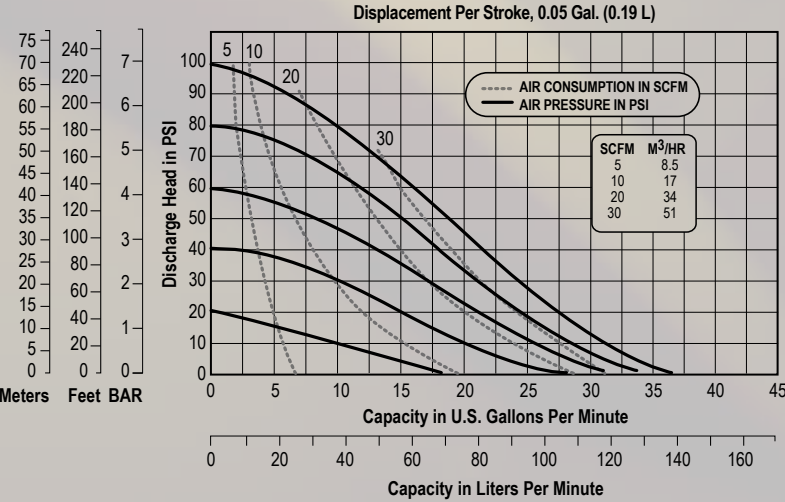
Max Solid Size (Diameter) . . 1/8" (3.2 mm)
Max Noise Level 95 dB(A)

Shipping Weights
Polypropylene 17 lbs (7.7 kg)
PVDF 22 lbs (10 kg)

Curves:



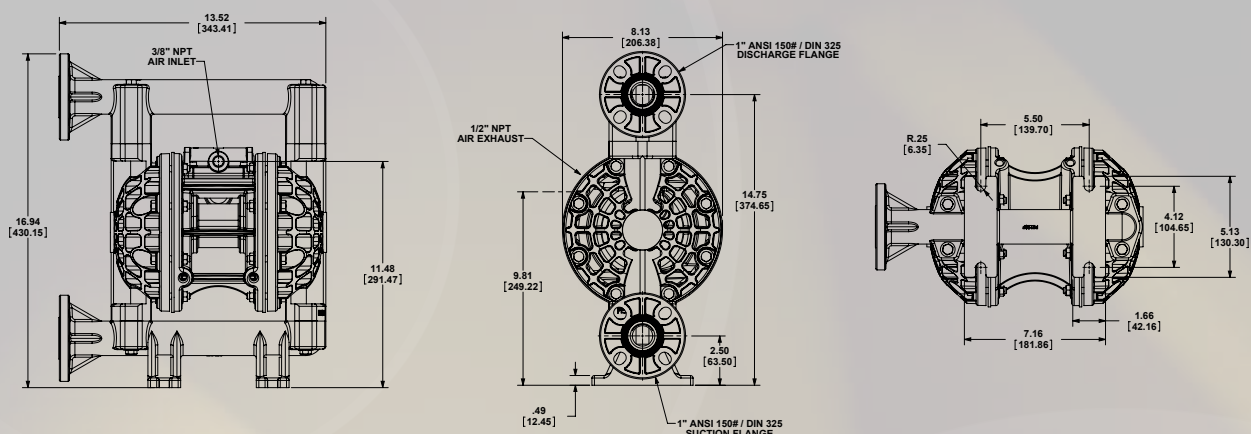
NOTE: Performance based on the following: elastomeric fitted pump, flooded suction, water at ambient conditions. The use of other materials and varying hydraulic conditions may result in deviations in excess of 5%.



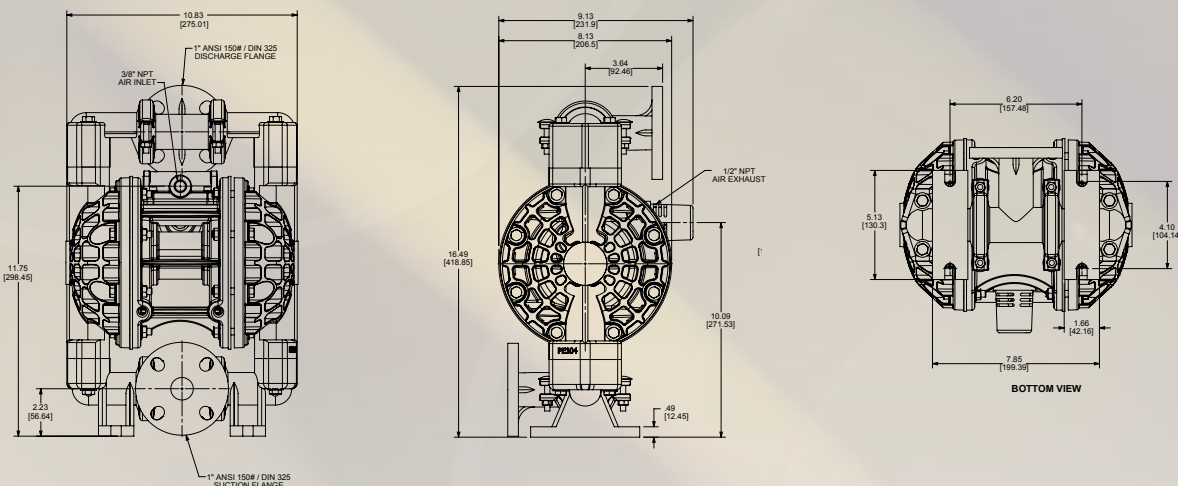
NOTE: Performance based on the following: elastomeric fitted pump, flooded suction, water at ambient conditions. The use of other materials and varying hydraulic conditions may result in deviations in excess of 5%.

Dimensional Drawings:

E1 Non-Metallic Bolted



E1 Non-Metallic Bolted (Center Ported Manifold Option)



Dimensions in Inches [mm]
Tolerance: $\pm 1/8"$ [$\pm 3\text{mm}$]

Industries & Applications



Chemical

Drum transfer,
chemical injection,
chemical batching



Lubrication

Dispensing of oil,
windshield solvent,
transmission fluid,
and anti-freeze



Printing

Ink dispensing,
apply glue



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