

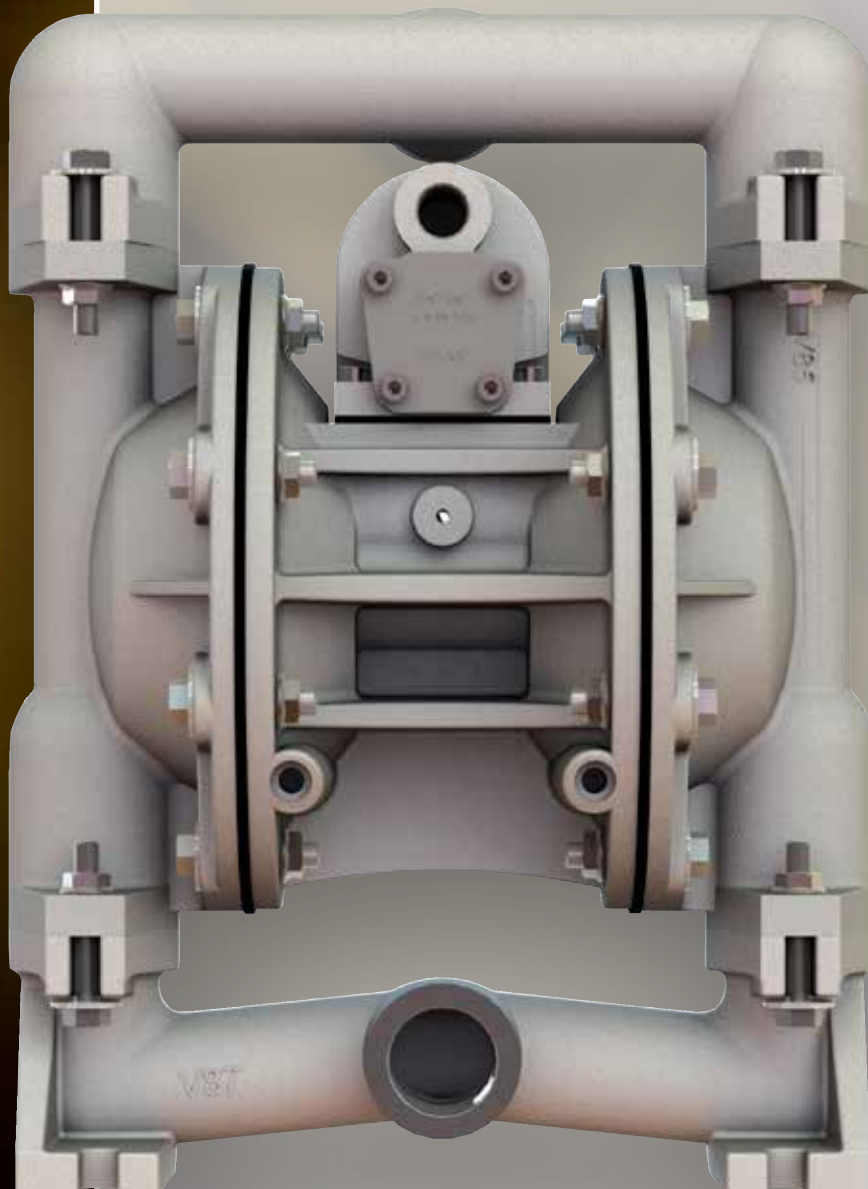


1" (25.4 mm) Metallic Bolted

E1

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

Available Materials

Aluminum
Stainless Steel
Hastelloy

Архангельск (8182)63-90-72
Астана (7172)727-132
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
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Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06

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Киргизия (996)312-96-26-47

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
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Череповец (8202)49-02-64
Ярославль (4852)69-52-93

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Features & Benefits

E1 1" 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.



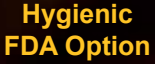
Long Term Reliability
Modular pilot assembly eliminates complexity, and ensures consistent performance after maintenance is performed.



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



FDA COMPLIANT



Hygienic FDA Option
Wetted Surface Finish (Internal / External):
Standard: 150 µ-in (Ra 3.81 µ-m)



Specifications

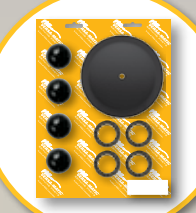
E1 1" Metallic Bolted

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 compete parts kits. Repair it once, repair it right.

Performance:

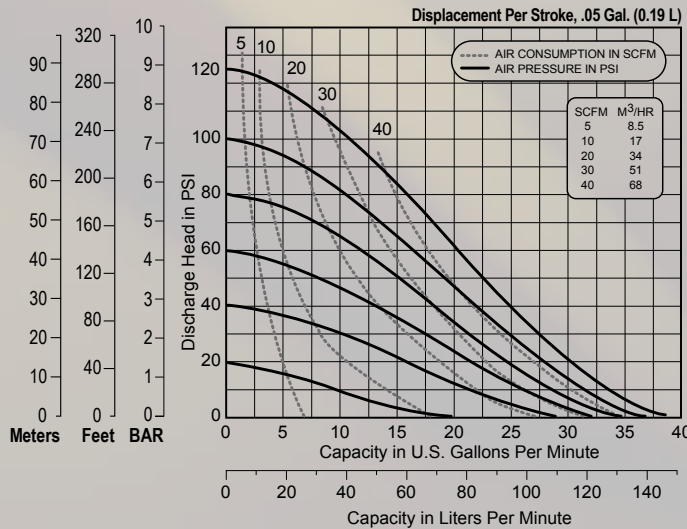
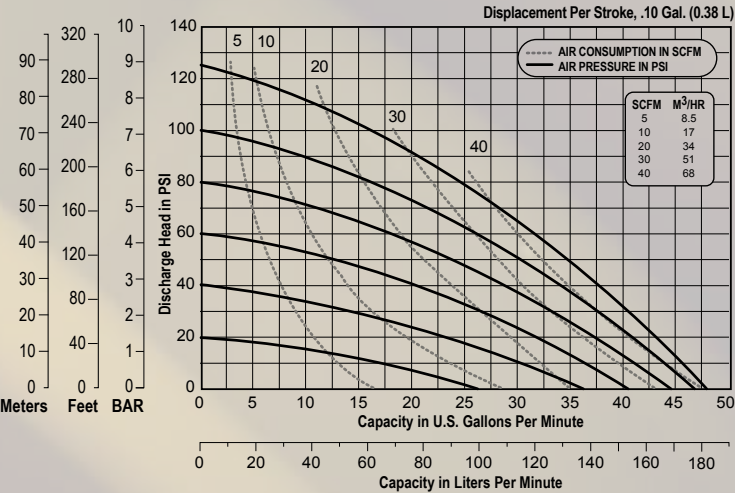
E1 1" Bolted Metal Rubber and TPE Fitted

- Flow Rate**
Adjustable to 0-49 gpm (185.5 lpm)
- Port Size**
Suction 1" NPT (25.4 mm)
Discharge 1" NPT (25.4 mm)
- Air Inlet** 3/8" NPT (9.5 mm)
Air Exhaust 1/2" NPT (12.7 mm)
- Suction Lift**
Dry 15' (4.6 m)
Wet 31' (9.4 m)
- Max Solid Size (Diameter)** .. 1/8" (3.2 mm)
Max Noise Level 91 dB(A)
- Shipping Weights**
Aluminum 27 lbs (12.2 kg)
Stainless Steel 40 lbs (18.1 kg)
Alloy C 40 lbs (18.1 kg)

E1 1" Bolted Metal PTFE Fitted

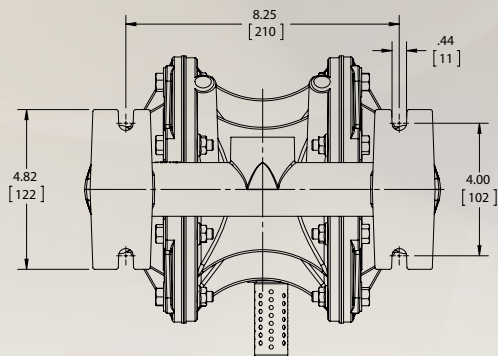
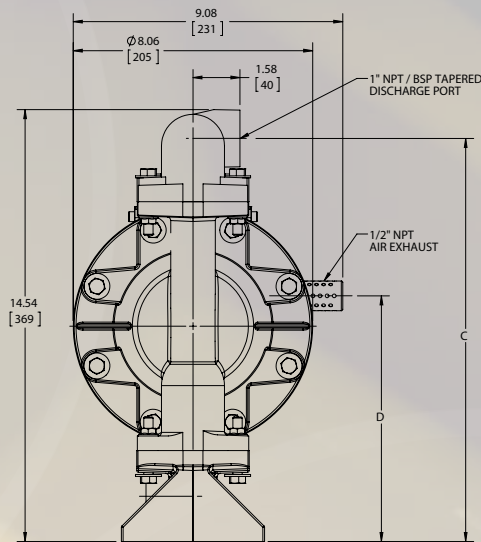
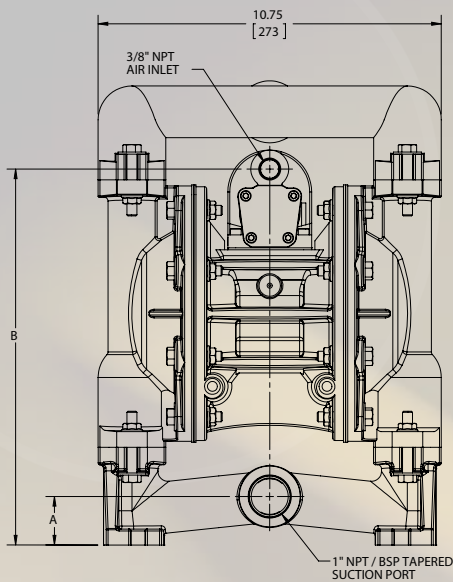
- Flow Rate**
Adjustable to 0-38 gpm (143.8 lpm)
- Port Size**
Suction 1" NPT (25.4 mm)
Discharge 1" NPT (25.4 mm)
- Air Inlet** 3/8" NPT (9.5 mm)
Air Exhaust 1/2" NPT (12.7 mm)
- Suction Lift**
Dry 8' (2.4 m)
Wet 31' (9.4 m)
- Max Solid Size (Diameter)** .. 1/8" (3.2 mm)
Max Noise Level 95 dB(A)
- Shipping Weights**
Aluminum 27 lbs (12.2 kg)
Stainless Steel 40 lbs (18.1 kg)
Alloy C 40 lbs (18.1 kg)

Curves:



Dimensional Drawings:

E1 Metallic Bolted



	ALUMINUM	STAINLESS STEEL ALLOY "C"
A	1.52 [39]	1.65 [42]
B	11.78 [299]	11.90 [302]
C	13.57 [345]	13.73 [349]
D	8.27 [218]	8.35 [212]

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 antifreeze



Printing

Ink dispensing,
apply glue

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