EVOLUTIONX™
1" Non-Metallic Pump Platform

www.sandpiperpump.com/pumps/evolutionx
OVERVIEW

Class Leading Flow Rates – 63 GPM (238 lpm)

Non-metallic corrosion resistant Wet Side and Air Side

Low weight for ease of mobility (25 lbs for Polypropylene model)

Bolted Construction capable of 125 psi

Key Applications:
Fluid Transfer
Chemical processing

Elastomer Options:

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<tr>
<th>Diaphragm Material</th>
<th>Check Valve Material</th>
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<td>Santoprene</td>
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<td>Neoprene</td>
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<td>FKM</td>
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<td>PTFE/Neoprene</td>
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Enhanced Convenience
Exponentially reduce AODD pump assembly and service time thanks to:

- **Reduced service time**: EvolutionX takes, on average, five minutes to service the air distribution system compared to 45 minutes on average for other AODD pumps.

- **Serviceability**: All of the wet side nuts and bolts are the same size & length and the use of washers have been eliminated. In fact, the EvolutionX has 50% fewer number of fasteners than the previous model.

- **Accessibility**: You can access 95% of airside components by removing only four bolts revealing an easily removable cartridge style main air valve and pilot valve assembly.

- **Improved stability** for increased safety. We have added “stand-off feet” to the inner chambers to stabilize the pump on the workbench during disassembly.

Superior Performance & Efficiency

Improve overall efficiency and safety during operation while decreasing operating costs due to:

- **Lower energy use**: Achieves an incredible 20% average increase in air efficiency throughout the entire curve over our prior model.

- **Higher flow**: The EvolutionX has the greatest flow rate of any other 1” AODD pump.
**PERFORMANCE**

- **Flow Rate**
  - Adjustable to: 0-63 gpm (238 lpm)

- **Port Size - Suction / Discharge**
  - 1" ANSI/DIN Flange

- **Max Solid Size (Diameter)**
  - 0.25" (6 mm)

- **Air Inlet**
  - 3/4" NPT

- **Air Exhaust**
  - 1" NPT

- **Suction Lift**
  - 19'(5.8 m) Dry

- **Displacement/Stroke**
  - 0.22 Gallon (0.83 Liter)

- **Max Operating Pressure**
  - 125psi (8.6 bar)

- **Material Options & Weights**
  - Polypropylene: 25 lbs. (11.3 kg)
  - PVDF: 42 lbs. (19 kg)
  - Conductive Poly. (ATEX): 28 lbs. (12.7 kg)

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**PORTING OPTIONS**

- **Standard**
  - Universal ANSI/DIN Flanged Center Ported

- **Universal ANSI/DIN Flanged Dual Ported**

- **Universal ANSI/DIN Flanged End Ported**

[www.sandpiperpump.com/pumps/evolutionx](http://www.sandpiperpump.com/pumps/evolutionx)
SPE10 Non-Metallic Center Ported Options - Polypropylene, PVDF, Conductive Poly Wet Side
Dimensions in inches (metric dimensions in brackets). Dimensional Tolerance .125" (3mm).

SPE10 Non-Metallic End Ported Option- Polypropylene and PVDF Wet Side
Dimensions in inches (metric dimensions in brackets). Dimensional Tolerance .125" (3mm).

Visit www.sandpiperpump.com and click on "Find a distributor" to contact your local distributor to place your order

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