

Air-Operated Double Diaphragm Pumps (AODD)

Electronic Interface Diaphragm Pump



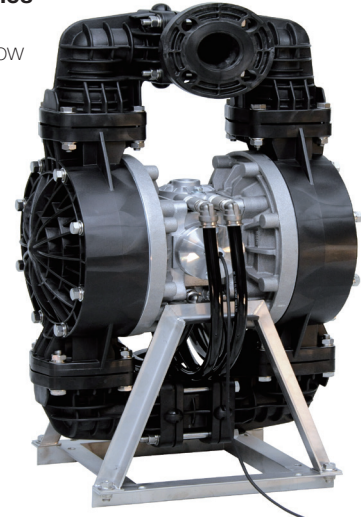
E-Series Pumps

E-Series Electronic Interface Pumps are used in critical process type applications and can be fully integrated into control systems and process machinery. Combining all the advantages of an AODD Pump with the reliability and controllability of an electronically actuated pump.

- Electronically Actuated Air Switching Mechanism
- Able to Run Dry, Self Prime & Transfer Liquid Slurries
- Highly Reliable “Non-Stall” Operation in All Conditions
- Improved Accurate Flow Rate
- Reduced Air Consumption
- Reduced Liquid Pulsation
- Allows for Pump Controllability & Remote Monitoring
- Fully Integrate into Process Equipment
- Available on all Pump Models ¼” up to 3”

TC-X400 E-Series

1-½” Pump
100GPM Max Flow



E-Series Electric Diaphragm Pump

Controlled through a remote PLC or fully-integrated into process equipment. Typically used in critical process applications of for metering, batching, or cycle speed control. Can be connected to warning devices to monitor pump stroke rate or interruption. E-Series Pumps have extremely high operational reliability, improved accurate liquid flow rates and lower liquid pulsation. Provides increased life expectancy for all moving parts and have lower maintenance frequency improving overall lower cost-of-ownership. The E-series design allows for lower air consumption and allows for industry-leading reliable, accurate and efficient means to transfer fluids.

E-Series Pump are fitted with Integrated Proximity sensors for full stroke control. Used in conjunction with and controlled by an externally positioned PLC & a 5 Port / 3 Position Solenoid Valve. (Solenoid valve, PLC, hoses and fitting are not included). A timer controlled switching version is also available on some models.

TC-X050 E-Series

¼” Pump
2.9GPM Max Flow



Air-Operated Double Diaphragm (AODD) Pump Capabilities

Self Priming
Can Run Dry
Can Run Deadhead
Variable Flow Rates
Shear Sensitivity

Variable Discharge Pressures
Transfer Liquid Slurries
Transfer Large Sized Solids
Can Handle Abrasives
Transfer Chemicals

Inherently Safe Design
Portable & Easy to Use
Transfer Viscous Fluids
Frequent Start Stop Operation
Powered by Compressed Air



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IALT00449.A Dec. 2019