

ATEX Compliant Diaphragm Pumps

A Full Range of Electrically Conductive Diaphragm Pumps Available in Many Sizes and Materials. Commonly used to Transfer Flammable Liquids or for Use in Explosive Environments.

- Pneumatic (Non Electric) Operation
- Large Solids Size & High Flow Rates
- All Electrically Conductive Materials
- Compact, Robust & Leak Free Design
- Bolted Construction and all Machined Mating Surfaces
- Outside Accessible Looped C[®] Air Motor
- Common "Drop-in" Pump Dimensions
- 100% Non-Lubricated
- Fully Torqued and Tested Prior to Shipment

Pumps Comply with ATEX regulations for Use in Potentially Explosive Atmospheres.
TC-X pumps comply with Category 2 "For equipment, proving a high level of protection when used in areas where an explosive atmosphere is likely to occur", and Category 3 "For equipment providing a normal level of protection when used in areas where an explosive atmosphere is less likely to occur."

2" Flanged S.S. Pump
Max Flow Rate
193 GPM



1" Conductive PTFE Pump
Conductive PP Air Motor
Max Flow Rate 26 GPM



1/2" S.S. Pump
Conductive PP Air Motor
Max Flow Rate
16 GPM



1" Flanged Conductive PP Pump
Conductive PP Air Motor
Max Flow Rate
45 GPM



Electrically Conductive Pumps Available in the following Sizes & Materials

1/4" 3/8" 1/2" 3/4" 1" 1 1/2" 2" & 3" Connections.

Aluminium, Stainless Steel & Cast Iron. Conductive PVDF, POM, Polypropylene, & PTFE.

Pumps manufactured with either a Metal or Conductive Plastic Air Motor and Foot Assembly.

ATEX Compliant Drum Pumps & Pulsation Dampeners are also available.

For more information about ATEX Pumps or ATEX guidelines please contact Iwaki Air

Air-Operated Double Diaphragm (AODD) Pump Capabilities

Self Priming
Can Run Dry
Can Run Deadhead
Variable Flow Rates

Variable Discharge Pressures
Transfer Liquid Slurries
Can Handle Hard Abrasive Solids
Can Handle a Wide Variety of Liquids

Explosion Proof / Intrinsically Safe
Portable & Easy to Use
Can Pump Shear Sensitive Fluids
Transfer Viscous Fluids