

BUILT FOR THE REALLY TOUGH JOBS!

Specialty Performance 3/8" Pump



The new **All-Flo** Specialty Performance 3/8" air driven, double diaphragm pump is a revolutionary concept for low flow (0-9 GPM) applications. With Max-Pass™ check valves as a standard feature, the transfer of a few gallons of fluid which contain abrasives or solids (up to 1/4"), high viscosity or coagulants no longer requires moving to a larger, more costly pump.

The following options also make the Specialty Performance 3/8" pump ideal for OEM applications:

1. The pumps can be configured for drum evacuation.
2. Standard Max-Pass™ valves allow the pump to be mounted in any position - saving valuable cabinet space.
3. Process controls can be added, either solenoid control or cycle counting. With either control, calibrate the flow and control via a PC, PLC or line switch.

Manifolds are easily converted to dual manifolds in the field by simply opening the opposite port plug. However, if there is a requirement for a dual manifold that separates the fluid, such as recycling on one side while delivering on the opposite side, add P-25 to the model number. The pumps will be configured with a split manifold at the factory. Check the options page in your sales binder for code numbers and pricing.

Groundable, conductive nylon, stock models - CT-038, CB-038 and CV-038 - are available for flammable transfer applications. These pumps have an ATEX category 2 rating.

PT, KT, and CT models are built with PTFE check balls – solids up to 1/16" (1,6 mm). The KT-038 is built with FDA compliant materials- PVDF housing with PTFE check balls. However, if you need the benefits of the Max-Pass™ valve system and Viton® is a compatible substitute for PTFE, select the KV-038 model. This PVDF pump is built with PTFE diaphragms and FDA compliant Viton® Max-Pass™ valves.

If there is a need for check balls, any of the pumps can be converted in the field easily or the pump can be configured with check balls prior to shipment. Just add the appropriate ‘-B’ code to the model number. Check the options page in your sales binder for code numbers and pricing.

FEATURES:

- 0 - 9 GPM (34 L/M)
- Solids: 1/4" (6,4 mm) Max-Pass™ configuration or PT, KT, CT w/ PTFE check balls- 1/16" (1,6 mm)
- Maximum Air Pressure: 120 psi (8,2 bar)
- Dry Lift: 17 feet (5,2 m) w/Max-Pass™ valves or PT, KT, CT w/ PTFE check balls – up to 10 feet (3 m)
- Additional ports may be opened in the field while dual manifolds w/split delivery are a factory option
- Drum Mount Option
- Solenoid and Cycle Count Options
- Mount in any position except for PT, KT, CT models which have check balls
- Abrasion resistant
- Low Shear

The new Specialty Performance 3/8" pumps will be available for trial applications December 2005. Contact All-Flo to set up a trial or to request new brochures.

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Viton® is a trademark of Dupont Dow Elastomers.

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