



## Product Digest

### this month's topic **Pumps**

#### Motor Brushes Extend Pump Life

The VersiJet series high-capacity air-operated diaphragm pumps have a five-chamber design and feature heavy-duty motor brushes that significantly lengthen pump life. Three models with capacities of 4, 5, and 6 gpm provide pressures up to 70 psi (4.8 bar), and have self-priming capabilities up to 10 ft (wetted). VersiJet pumps are available in 12- and 24-VDC versions with check valves made of ethylene propylene diene monomer (EPDM) and polypropylene; future versions will include 115- and 230-VAC models with check valves made of synthetic rubber and thermoplastic elastomer suitable for corrosive chemical service.



**Flojet**

[www.flojet.com](http://www.flojet.com)

#### Pump Handles Low Flows in Single-Phase Applications

The Model 060 regenerative turbine Coro-Flo pump is designed for continuous duty in single-phase applications. It has a low flow range of 7–22 gpm (26.5–83.8 L/min) and a maximum differential pressure of 150 psig (10.3 bar) at 60 Hz, and it requires only a 5-hp motor. Two mounting options are available — a frame mount for direct- and belt-drive configurations, and a direct mount that bolts to a standard C-face, 60-Hz, 3,450-rpm motor. Ideal applications include cylinder filling, bulk transfer, direct burner feed, vaporizer feed, and liquefied petroleum gas (LPG) dispensing.



**Corken, Inc.**

[www.liquidcontrolsgroup.com](http://www.liquidcontrolsgroup.com)

#### Diaphragm Pump's Valve System Provides Flow and Pressure Control

The E40 1.5-in. air-operated, double-diaphragm pump (AODD) offers increased air efficiency and consistent on/off/on reliability through the Elima-Matic air valve system, which allows flowrate and discharge pressure to be varied by adjusting the air supply. The pump can handle fluids ranging from water to slurries containing 90% solids, and is self-priming. The Elima-Matic system can be easily maintained without taking apart the pump's center section.



**Versa-Matic**

[www.versa-matic.com](http://www.versa-matic.com)

#### Peristaltic Pump Simplifies Microbial Analysis

The Sentino Microbiology Pump is designed for microbial analysis of aqueous samples using the membrane filter (MF) technique. The pump draws samples through a membrane filter, and channels filtrate directly to a drain or waste collection. This design ensures that fluid flows in only one direction without the possibility of back-up, thus minimizing the risk of sample contamination. The disposable fluid path can be easily replaced before biofilm buildup becomes a contamination hazard or creates a false positive during analysis. The Sentino pump has a soft-touch keypad featuring simple on/off and pulse functions. Operating parameters are preset and fixed to meet the published requirements for the MF analytical technique as described in U.S. EPA, ISO, and ASTM methods.

**Pall Life Sciences**

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