

# Product Digest

### this month's topic Pumps

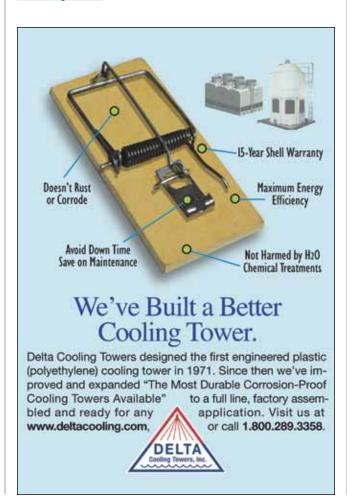
#### **Motor Brushes Extend Pump Life**

The VersiJet series highcapacity 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). Versi-Jet 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



### 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

### 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

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

#### **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

www.pall.com