

FOR IMMEDIATE RELEASE

New Web-Monitored HVAC Pumps With VFD Vertical In-Line Pumps

Toccoa GA — Patterson's Vertical In-Line HVAC Pumps are now offered with energy-saving Variable Frequency Drive (VFD) power and also with Patterson's CloudStat® Real-Time, Web-Based Pump Monitoring.

Schneider Electric™ Altivar 212 VFDs, mounted directly to Patterson's VIL HVAC pumps, eliminate the need for pressure reducing or throttling valves or inlet guide vanes. In all, they typically reduce pumping costs by 50%. The VFDs can also be retrofitted to existing Patterson VIL constant speed pumps.

Patterson CloudStat®-enabled Vertical In-Line (VIL) pumps provide a browser-based, real-time view of HVAC pumping status. CloudStat is based on one-way cellular technology, installable without IT involvement, and there are no security risks. Cloud-hosted information includes:

- Cost in kW/gal of water pumped for up to four pumps.
- User-specified high and low alarm conditions: suction and discharge pressures, water volume pumped (with availability of flowmeter volumetric rate signals).
- Trend lines: power cost for each pump, water consumption (with availability of flowmeter volumetric rate signals), operating pressures and total cost of operation.

CloudStat interfaces easily with most local supervisory level protocols, including LonWorks® and BACNet®, and local control is provided using the integral keypad. Alarms are communicated instantly by email or SMS text to customer-defined contacts. The CloudStat system comprises a control enclosure, modem and quarterly subscription fees for software and data services.

CONTACT

Brian Henry
Patterson Pump Company
PO Box 790
Toccoa GA 30577
Tel: (706) 297-2852
Email: bhenry@pattersonpumps.com

A hi-res .jpg is available by
return email from
don@retrolocomarketing.com.
Reference: VFD_VIL.png

