



## Energy Products Division

Hawthorne, NJ • Cedar Knolls, NJ • Westville, NJ

# APRIL SPECIALS!

*Limited Time only - Specials valid through April 30, 2012*

Account must be current to qualify for Specials

## Honeywell®

The **Spyder Family** of controllers are for use in VAV (Variable Air Volume) and Unitary HVAC control applications. Each controller communicates via either LONWORKS or BACnet MS/TP network communications. Each controller provides flexible, universal inputs (UI) for external sensors, digital inputs (DI), and a combination of analog outputs (AO) and digital Triac outputs (DO). The Sylk Bus is included in each controller which enables connection to other Sylk enabled devices. These controllers provide many options and advanced system features that allow state-of-the-art commercial building control. Each controller is programmable and configurable using the NIAGARA AX FRAMEWORK software.

## SPECIAL PRICE!

**PUB6438AS**  
\$ 240.00 each

**PVB6438NS**  
\$ 235.00 each

**PVL0000AS**  
\$ 137.00 each

**PVL6438NS**  
\$ 240.00 each



## **The Leader in Commercial Unitary Products & Controls!** **Intergrated Control Solutions & Control Panels**

### We provide:

- Energy Support
- Panel Fabrication
- System Integration
- Complete building automation



**Contact John at (973) 538-7161 for more information**



## Variable Frequency Drives (VFD)

Variable Frequency Drives (VFD) accept a control input and then output tailored PWM control signal to operate (fans, pumps, etc.) with maximum efficiency. The VFD can be field-programmed without any extra devices or computer connections.

- **Call your UEP Salesman for Special Pricing!**
- **Have UEP start-up your VFD'S**
- **Ask about SMART VFD's with Bypass**

The **most significant benefit to using a VFD is energy savings!** By matching system capacity to the actual load throughout the entire year, major savings in system motor energy use are achieved.

Another benefit of the units is reduced wear and tear on the motors. When an induction motor is started, it draws a much higher current than during normal operation. This inrush current can be three to ten times the full-load operating current for the motor, generating both heat and stress in the motor's windings and other components. In motors that start and stop frequently, this contributes to early motor failures!

### **Features:**

- Seven configurable applications built in.
- Easy commissioning through software or control panel
- Devices can be wall-mounted or panel-mounted
- Eleven protective functions (see Form 63-2600, Users Manual, Technical Data sections)
- Compact Size
- Insulated gate bi-polar transistor (IGBT) technology
- Modbus, BacNet, Device Net, Profibus, LobBus, NS available as options cards.

One of the most successful energy management tools ever applied to building HVAC systems is the variable frequency drive (VFD). For more than 20 years, VFDs have successfully been installed on fan and pump motors in a range of variable load applications. **Energy savings vary from 35 to 50 percent over conventional constant speed applications, resulting in a return on investment of six months to two years.**

**Call us today for more information!**

*Please keep in mind that USG is a distributor of all Reznor high efficiency unit heaters, hydronic unit heaters, make-up air units, engineered products and much more.*

**Contact John Struble at our Cedar Knolls Branch with any questions  
Phone: 973-538-7161 or via email [jstruble@usginc.com](mailto:jstruble@usginc.com)**

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**...visit us online to find a location near you!**