

Spyder® Sylk™ Enhanced Variable Air Volume Controllers

Honeywell



For flexible, energy-efficient control of VAV (Variable Air Volume) applications, count on Spyder® Sylk™ Enhanced controllers from Honeywell. With a wide range of key features and the open architecture of LonWorks® or BACnet® protocols, the family of Spyder Sylk Enhanced VAV Controllers are the right choice for any commercial building needs.

Advanced Variable Air Volume Control



Whether designing energy-efficient Leadership in Energy and Environmental Design (LEED®) buildings or creating new advanced control schemes for automated buildings, the programmable family of Spyder® Sylk™ Enhanced VAV Controllers redefines power and flexibility by providing the most advanced unitary control with unparalleled flexibility to customize solutions to fit an application's unique needs — all without requiring a plant controller.

Spyder VAV Controllers are designed to meet today's advanced, custom building requirements. They can support single- or dual-duct VAV, complex room CO₂ control, terminal fan speed — just about every room control requirement. For applications with different requirements — whether BACnet® or LonWORKS®; different I/O requirements; or smaller footprints, the Spyder family has you covered. You can't find a more powerful controller in this package size at this price.

THE OPEN SYSTEM ADVANTAGE

Whether you prefer LonWorks or BACnet protocols for openness and interoperability, you'll be in great shape with Spyder VAV Controllers. You'll enjoy significant cost savings over proprietary systems, and have the flexibility to design exactly what you need to control and monitor any building automation process.

Automation and Control Solutions

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PACKED WITH FEATURES

- **New Spyder Micro** — Along with offering features in a compact unit, Spyder Micro includes a 15 Hz pulse meter input for hooking up water meters including sewage and electricity meters. Also available is a conduit box for meeting code requirements.
- **Greater Programming Capabilities** — 200 function blocks and 240 network variables offer significant programming flexibility.



- **Easy VAV Balancing** — The Spyder VAV controllers use Honeywell RapidBalance™ 3.0 for VAV box balancing. RapidBalance is a stand-alone PC-based software program that can drive multiple VAVs to maximum or minimum flow setpoint, as well as drive water valves open or closed for water balancing. This allows all Honeywell Excel 10 VAV Controllers and Spyder VAV Controllers to be balanced using one simple tool.
- **Works With Zio™ LCD Wall Module** — Get more flexibility in the most complex applications by adding Honeywell Zio TR70 LCD wall modules. The two-wire, polarity-insensitive bus ensures perfect installation every time.

ORDERING INFORMATION

OS #	Description
PVB6436AS	VAV BACnet 6 UI, 4 DI, 3 AO, 6 DO & Actuator
PVB6438NS	VAV BACnet 6 UI, 4 DI, 3 AO, 8 DO
PVL0000AS**	VAV LonWORKS 0 UI, 0 DI, 0 AO, 0 DO & Actuator
PVL4022AS**	VAV LonWORKS 4 UI, 0 DI, 2 AO, 2 DO & Actuator
PVL4024NS**	VAV LonWORKS 4 UI, 0 DI, 2 AO, 4 DO
PVL6436AS	VAV LonWORKS 6 UI, 4 DI, 3 AO, 6 DO & Actuator
PVL6438NS	VAV LonWORKS 6 UI, 4 DI, 3 AO, 8 DO

* UI - Universal Input, DI - Digital Input, AO - Analog Output, and DO - Digital Output

** One Universal Input (UI-1*) is user selectable as a fast digital pulse meter

LonWORKS® is a trademark of Echelon Corporation. BACnet® is a trademark of the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE).

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