

Proton Controls

VAV Applications



Zoning Systems: The Best VAV Controller On the Market

The PL-VC2000 is a **cost-effective & highly versatile** controller designed for Variable Air Volume systems. Using an **integrated Belimo actuator** plus on-board outputs, the PL-VC2000 can be configured to monitor and control all components related to any VAV application (damper, reheat coil, fan, discharge temperature, etc.). **Continual feedback** allows the operator to fine tune the operation to provide **optimal comfort**, no matter the time of year.



Configure in a Matter of Minutes: Save Time and Money

The PL-VC2000 can be completely configured in a matter of minutes using either the PL-T1000 wall sensor, a computer or a smartphone/tablet (Free Android and iOS apps available on Google Play/App Store). Configurable menus, preset settings, pre-built, self-adapting graphics; everything you need for a quick setup!



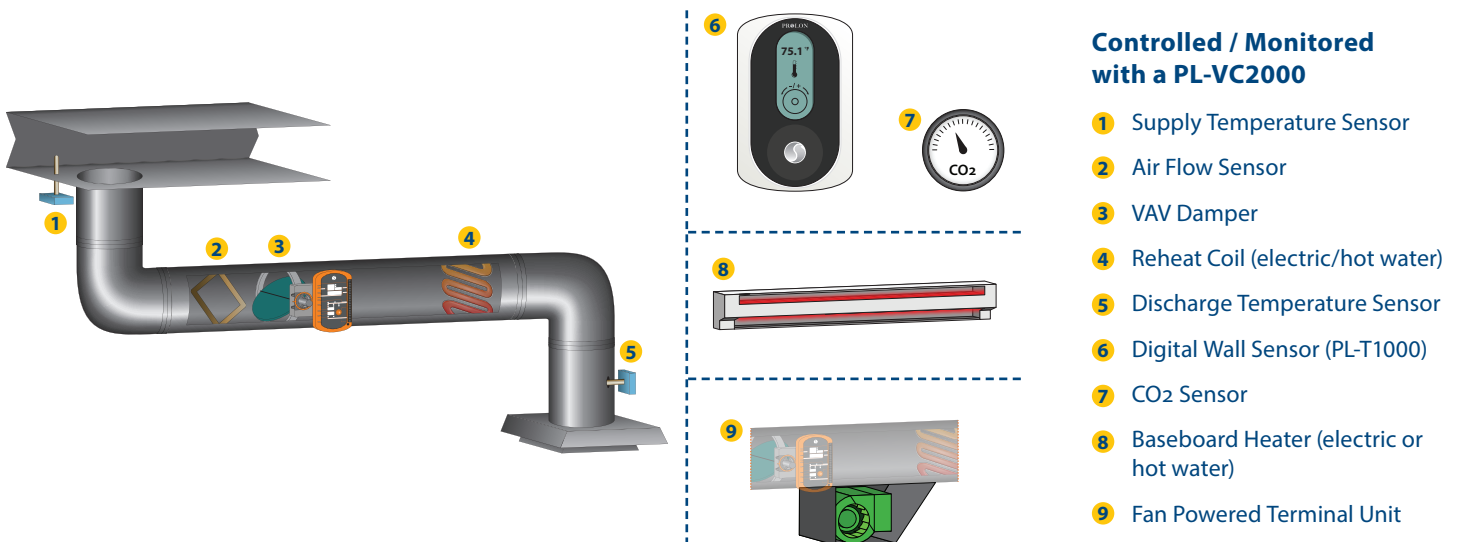
Pressure Dependent or Pressure Independent: Adaptable to any system

Whether your zoning system is **True VAV** or **Changeover Bypass (VVT)**, the PL-VC2000 VAV Controller has you covered. Capable of operating in both pressure dependent and pressure independent systems, this controller is perfect for **new buildings or retrofits**.



Remote Access and Email Alerts: Keeping an Eye on Your System

Monitor **space temperature, CO2 levels**, and much more for any space at any time, **from anywhere**. When combined with Proton's Network Controller, you will feel the power of true connectivity. Want to receive notifications? Configuring email alerts is a breeze; it will take less than 5 minutes, guaranteed!



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VAV Features



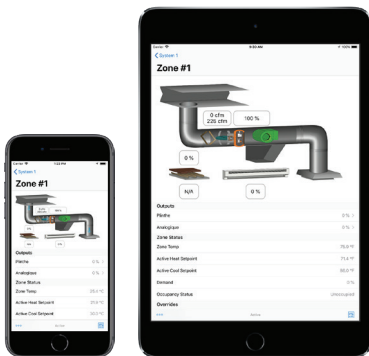
PL-VC2000 Controller

- Integrated Belimo actuator (45 in-lb), using Halomo motor technology
- Pressure Dependent or Pressure Independent operation
- Stand-alone or networked (up to 127 on a single network)
- Configurable Digital and Analog Outputs available to control reheat coil(s), fan, baseboard, zone valve(s), radiant floor, etc.
- Monitor & control space CO₂ levels for increased indoor air quality
- Supports Modbus and BACnet protocols
- Single-Zone control with multiple actuators possible
- Auto-Calibrate air flow feature available



PL-T1000 Digital Wall Sensor

- Circular touchpad and graphical display
- Configurable menus for all VAV controller parameters
- Additional input for zone temperature averaging, remote sensor or slab sensor (radiant floor)
- View the zone status (supply temperature, output status, damper position/air flow, outside air temperature, etc)



Monitor Your Zone Remotely Using Focus

Prolon's FREE Focus visualization software is now available as an app for both Apple and Android devices! Fully animated graphics and total configuration capabilities from your wireless device allow you the freedom to monitor your system anywhere, anytime. Say goodbye to unnecessary service calls and hello to proactive responses by adding email alerts for another layer of control. Complete power from the palm of your hand... **That's Prolon Focus!**