



## Prolon Controls

# Rooftop Applications



### All-in-One Controller: Keeping it Simple

The PL-M2000-RTU effectively monitors and controls ALL components of a light commercial rooftop unit: fan & fan status, staged or modulated cooling, staged or modulated heating, VFD or bypass damper, outside air damper, CO<sub>2</sub> levels, supply, return, and outside air temperatures. Everything connects to a single controller and every input and output is preset out of the box which allows for true plug-and-play operation!



### Constant Volume or Zoning: Adaptable to any system

Whether your rooftop unit is **constant volume** or part of a **zoning system**, the PL-M2000-RTU has you covered. For any system, this controller is a perfect fit for units with a cooling capacity of 25 tons or less and is ideal for **new buildings** or **retrofits**. For zoning systems, this controller is easily adaptable to any True VAV or Changeover Bypass (VVT) system.



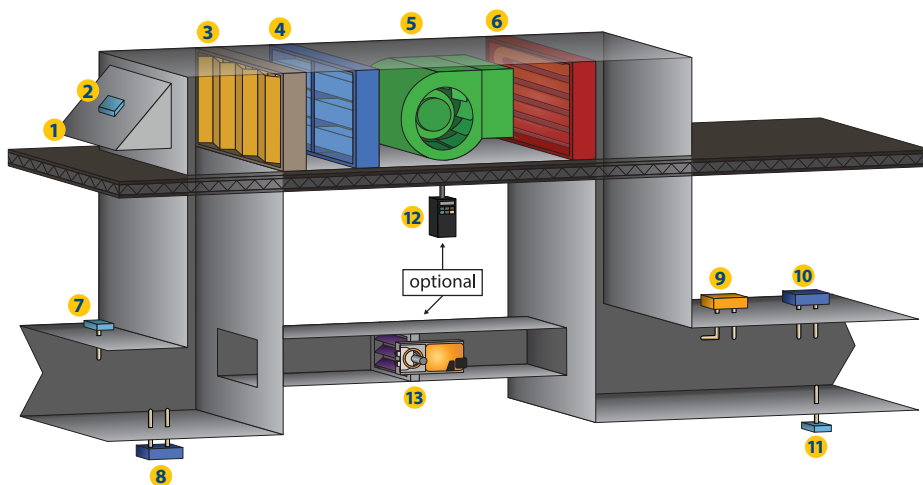
### Configure in a Matter of Minutes: Save Time and Money

The PL-M2000-RTU can be completely configured in a matter of minutes using either 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!



### Prolon Zoning: Paramount Performance with Simple Setup

Considered difficult to control and burdensome to program, zoning systems are often seen as problematic in light commercial buildings. Prolon's unique Flexi-Zone system eliminates this hassle and offers never seen before features and capabilities that one would not expect in a light commercial control system. The programming is already done for you. Customizable control strategies, limits, and interlocks allow you to choose how you want your system to respond.



### Controlled / Monitored with a PL-M2000-RTU

- 1 Economizer
- 2 Outside Air Temperature
- 3 Filter
- 4 Cooling Coils
- 5 Fan
- 6 Heating Coils
- 7 Return Air Temperature
- 8 CO<sub>2</sub> Sensor
- 9 Fan Status
- 10 Duct Static Pressure Transducer
- 11 Supply Air Temperature
- 12 Variable Frequency Drive
- 13 Bypass Damper

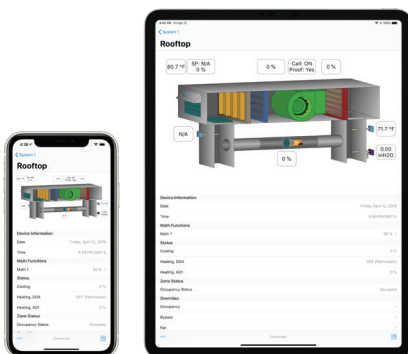
## Prolon Controls

# Rooftop Features



## PL-M2000-RTU Rooftop Controller

- Available for Constant Volume or Zoning Systems
- Adaptable to True VAV or Changeover Bypass (VVT) Systems
- Standalone or Networked (up to 127 devices)
- Interface with electric units, gas units, hot water/chilled water systems
- Internal Time-Clock and 24/7/365 Schedule + Holidays
- Economizer, CO<sub>2</sub> and Static Pressure Control available
- Heating: staged (up to 3x) or modulating
- Cooling: staged (up to 4x) or modulating
- Discharge air control sequence, complete with morning warm-up
- Customizable temperature control strategies
- 5 Digital Outputs and 3 Analog Outputs, all with Hand/Off/Auto switches
- 9 Analog Inputs for temperature, pressure, fan status and gas sensors
- Built-in protection sequences with configurable limits and delays



## 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!**