



PROLON

**The New Standard in Light Commercial
Building Automation**



WHO IS PROLON?

Founded in 1998, Prolon is a manufacturer of an HVAC control system dedicated for small to medium-sized commercial buildings. Its entire control line offering is meant to be easy to install and to be accessible for all mechanical and service HVAC contractors.

Born out of the frustrations created by other control system manufacturers, Prolon distinguishes itself from competing vendors as being one of the few manufacturers specializing in HVAC controls for light commercial buildings. Controls vendors often specialize in complex and expensive DDC systems, and on occasion offer a scaled-down version for small buildings. However, these scaled-down versions tend to have very limited scope or applications.

Prolon is an application-specific, configurable control system designed for retrofits as well as new construc-

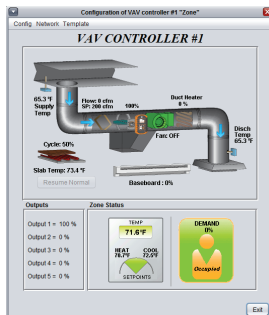
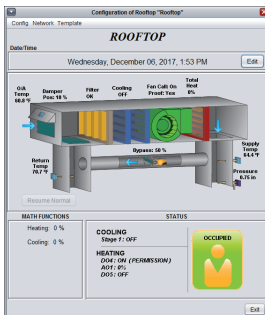
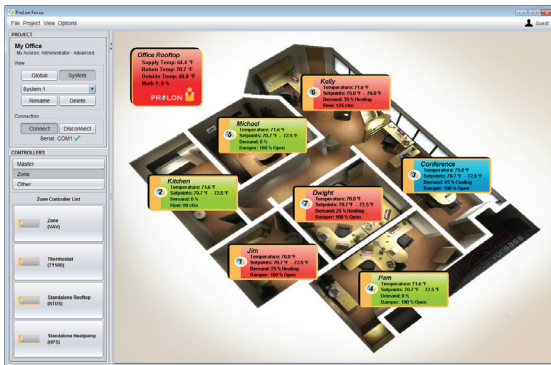
tion and can be easily implemented in small to medium-sized commercial buildings. The controllers are designed to monitor and operate mechanical equipment such as packaged rooftop units, split systems, air handlers, VAV's, heat pumps, fan coil units, boilers, chillers, pumps, VFD's, valves, exhaust fans, and much more.

Developed by HVAC experts to bridge the gap between simple residential controls and expensive, custom DDC systems, Prolon's lineup of controllers deliver incredibly high performance with unprecedented levels of simplicity and accessibility. Remote access, email alerts, FREE software and mobile apps are just a few highlights of this system.

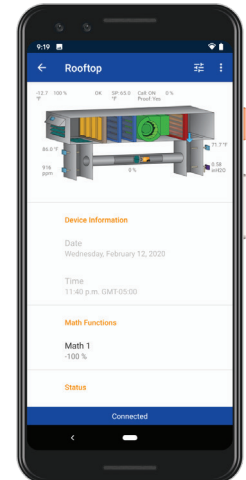
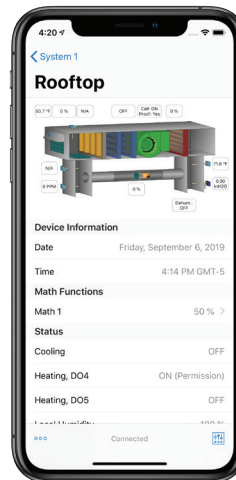


PROLON FOCUS SOFTWARE

- Prebuilt graphics package
- Graphics adapt as you configure
- Free software for Windows and macOS



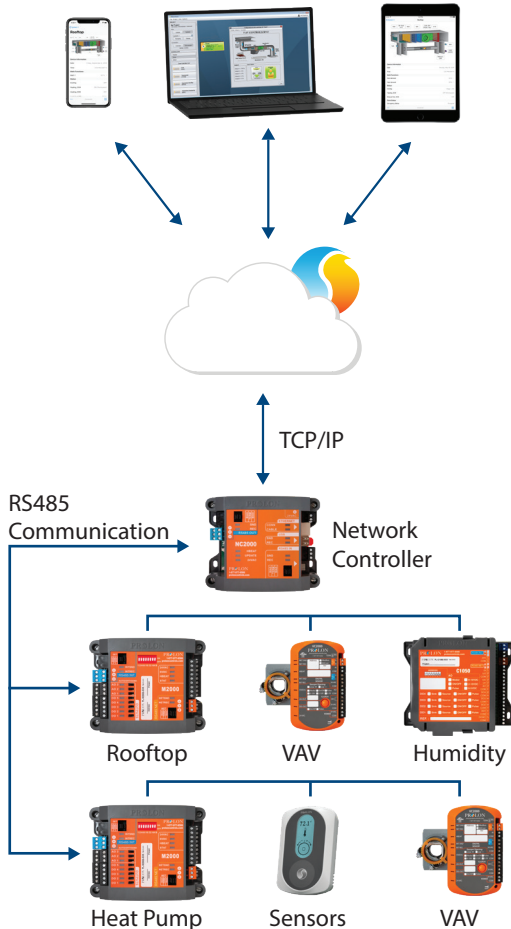
PROLON OFFERS FREE APPS FOR BOTH ANDROID AND IOS DEVICES. AVAILABLE NOW!



- Accessing a system from the palm of your hand has never been so easy
- View equipment and configure sequences in a matter of minutes!
- Connect via the Internet or Bluetooth



CLOUD SOLUTION



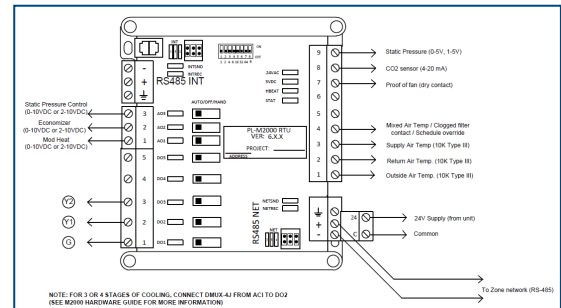
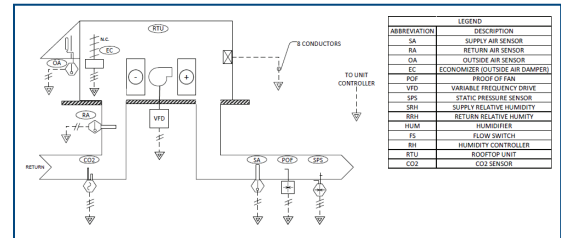
ENGINEERING DRAWINGS AND SEQUENCES

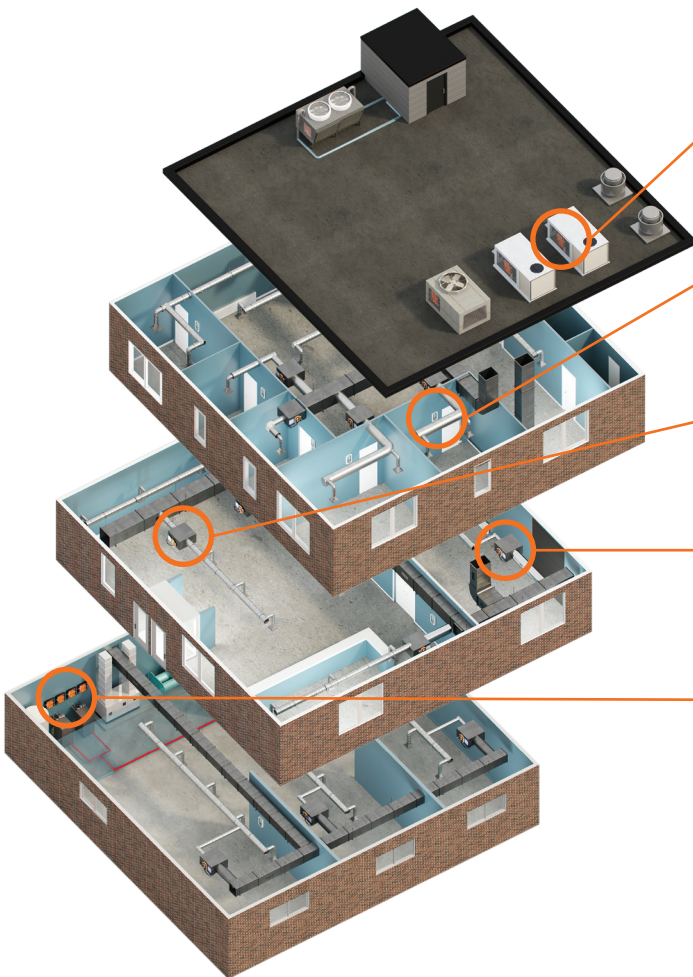
Did you know?

ProLon provides premade engineering drawings and sequences to help you with your project's design.

- Need a system view? **Done!**
- Need wiring schematics? **Done!**
- Need a customized sequence of operation? **Done!**

All documents are provided in PDF, CAD and MS OFFICE formats (Word/Visio).





- Rooftop
- Heat Pump
- Make-Up Air



Wall sensor / Thermostat



VAV/VVT Zone Controller



Fan Coil



- Network Controller
- Prewired Panels (ex: Boiler, Chiller)



Everything controlled with
FREE software and apps

VAV CONTROLLER

- Stand-alone or networked
- Pressure Dependent or Pressure Independent
- VAV and VVT configurations out of the box
- Multizone sequence available
- Compatible with PIU's, hot water/electric reheat coils, in-floor heating and more
- Perfect for pneumatic retrofits



NETWORK CONTROLLER

- Centralize scheduling in a single device with up to 16 separate 24/7/365 schedules
- Receive email alarms or mobile push notifications to be alerted of any situation in a matter of minutes
- Monitor and configure your system remotely
- Data trending available to monitor the performance of your system



DIGITAL WALL SENSOR

- With or without digital display (LCD Screen)
- Configure every parameter of a VAV controller*
- Use remote sensor(s) for space temperature averaging*
- Choose among a variety of casing and label colors!

NETWORK THERMOSTAT

- Standalone or networked
- Configurable menus on the digital display
- Control fans, valves and baseboards
- Radiant floor sequence available



**T1000 only*

BLUETOOTH ADAPTER

- Connect any smartphone or tablet to any Prolon controller
- Compatible with iOS and Android devices equipped with Bluetooth LE
- Range extends up to 300 ft
- Rechargeable battery allows for up to 15 hours of continuous use or 22 hours of intermittent use





CONTROLLER FOR EVERY APPLICATION

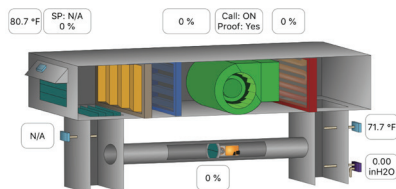


ROOFTOP CONTROLLER

- Compatible with both **VAV & VVT systems**
- Available for single-space rooftop units
- Internal schedule with 24/7/365 scheduling
- Demand-control ventilation available
- Dehumidification control

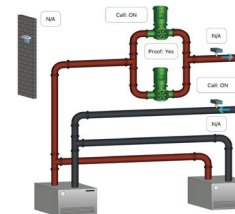
HEAT PUMP CONTROLLER

- Water or Air sourced Heat Pumps
- Compatible with dual fuel units
- Control multiple compressors, auxiliary heat, fan, and economizer
- Multiple safety sequences to ensure maximum protection of your equipment!



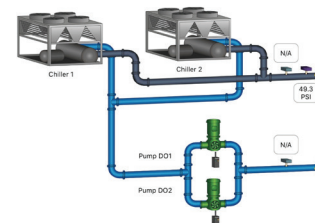
BOILER CONTROLLER

- 4x boiler stages or modulating boiler
- 2x pumps (with fail-over sequence)
- Lead/Lag + Equal runtime sequences
- Loop temperature setpoint with outside reset scale



CHILLER CONTROLLER

- Designed for air cooled and water cooled chiller systems- 4x chiller stages
- 2x pumps (with fail-over sequence)
- Loop temperature setpoint with outside reset scale
- Lead/lag



FLEXIO CONTROLLER

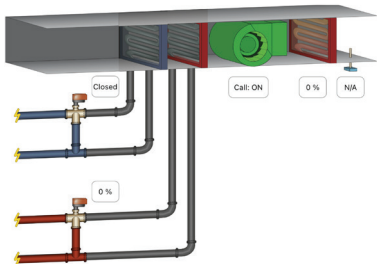
- Control temperature, pressure, humidity, flow, level and much more
- Set up a controller to do exactly what you need it to do in a matter of minutes!
- Configure it for multiple side loops
- Great for monitoring

WATER LOOP CONTROLLER

- Control tower damper or bypass valve
- Spray pump
- Staged or modulating tower fan
- One stage of reheat boiler control

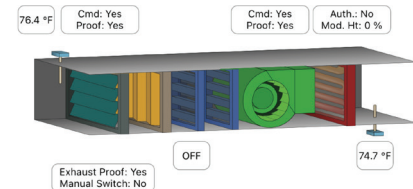
FAN COIL CONTROLLER

- 2-pipe or 4-pipe units
- ON-OFF or modulating valve control
- Electric reheat options available
- Multispeed fan control



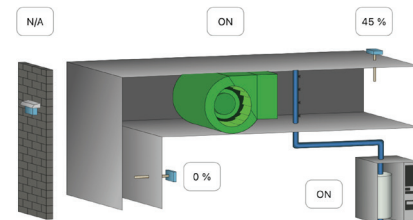
MAKE-UP AIR CONTROLLER

- 100% outside air or 80/20 units
- On/Off or modulating fan control
- Modulating heat
- Staged or modulating cooling



HUMIDITY CONTROLLER

- On/Off or modulating humidifiers
- Can work with an RTU controller or standalone for both humidification and dehumidification
- Dehumidify with existing HVAC equipment or separate dedicated equipment
- Outside air setpoint reset



WHY PROLON CONTROLS?

We manufacture controllers specifically for Light Commercial applications, making us the **real experts**. Prolon goes above and beyond to deliver you the best features. Here are a few of the Prolon advantages:

- **Free software**, complete with graphics and intuitive configuration menus
- **No licensing or renewal fees**
- **Free updates** that are 100% backwards compatible
- Up to **127 devices** on a single network
- Free **remote access**
- **Personalized** technical support
- **Preconfigured** controllers for various applications
- Free **mobile apps** available (Android + iOS)
- **Email based alerts** and **mobile push notifications** keep you informed
- Highly **adaptable sequences** for existing equipment
- **Networked** or **standalone** applications

Prolon - Simply the best solution to control your building's needs.

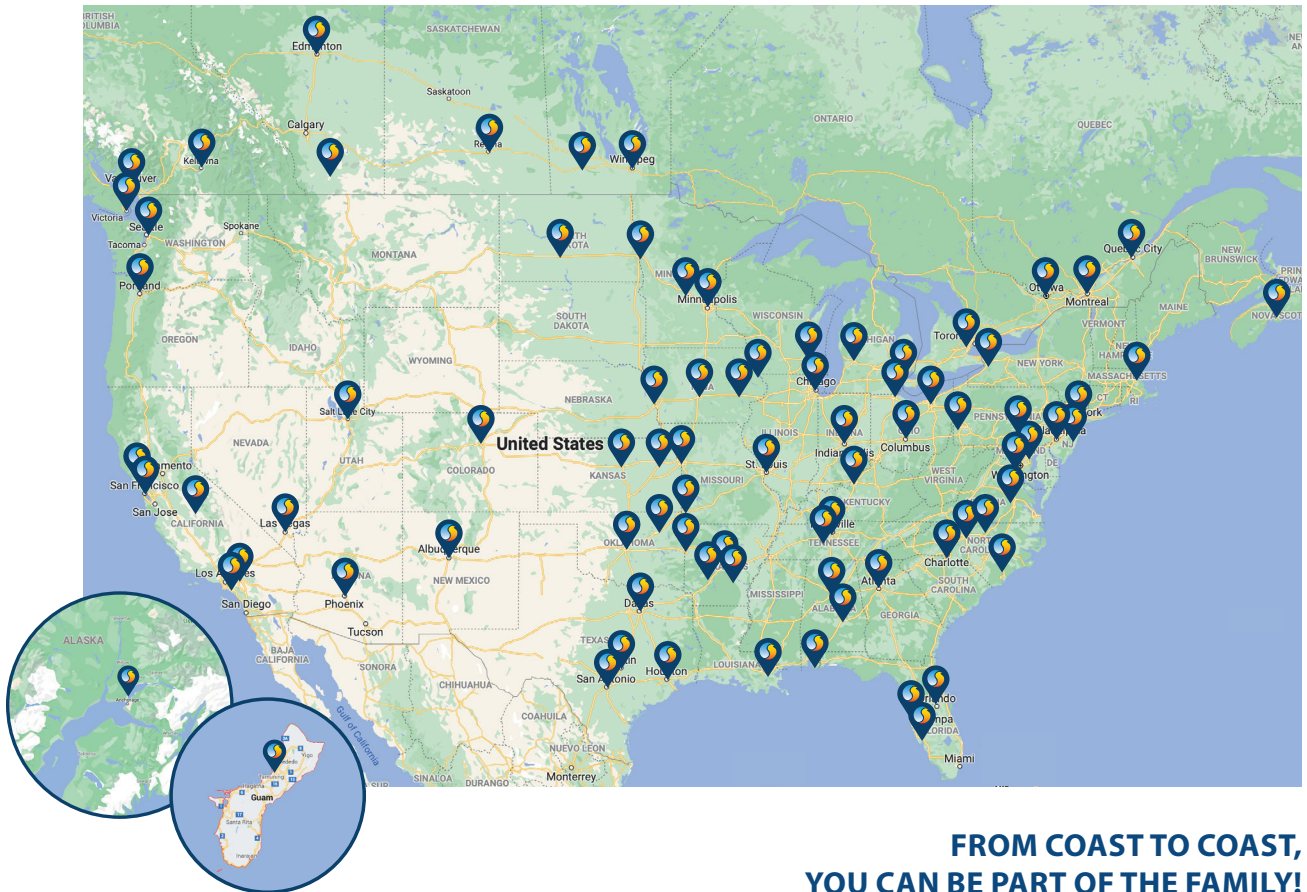
TYPICAL PROLON BUILDINGS

- Financial institutions
- Offices
- Schools
- Drug stores
- Health clinics
- Stores / retail outlets
- Automotive dealerships
- Places of worship

Thousands of buildings are already controlled by Prolon in North America!



PROLON DISTRIBUTOR NETWORK





**REMEMBER, you can always call us.
We have the BEST tech support
ready to answer any of your questions!**

Toll free: 1 877 977-6566



VS / PL-AD-INTRO-EN

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