

Proton Controls

Fan Coil Unit Applications



All-in-one Controller: Keeping it Simple

The PL-M2000-FCU and PL-C1050-FCU devices are designed to monitor and control all components of fan coil units for both 2-pipe and 4-pipe configurations: on-off or modulating valves, electric reheat, draw thru or push thru fan configurations, pipe temperature, multi-speed fan control, purge sequence, and alarm condition such as drip pan. Every input and output is preset out of the box which allows for true plug-and-play operation!



Standalone or Networked: Always Ready

The Fan Coil Unit controllers can work as either standalone controllers or can be networked into a communicating system. This allows for flexibility during installation so each controller may function on its own, without connecting all devices together from the get-go. Network them together at your own pace without compromising occupant comfort!



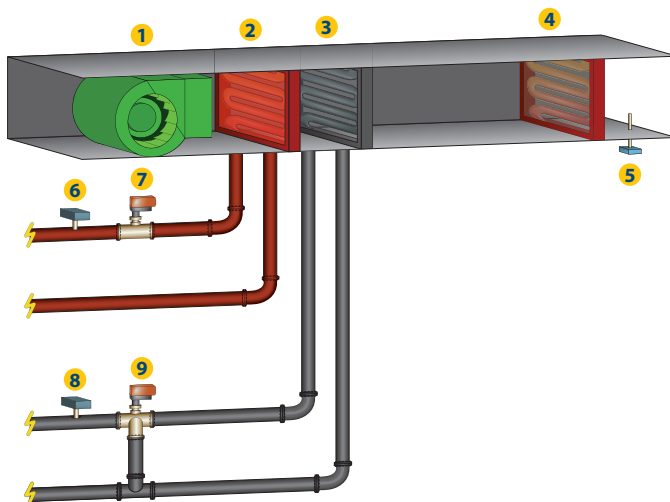
Occupants: Comfort is king!

Occupant comfort is the core objective of all Proton controllers, and these Fan Coil Unit controllers are no different; the controllers act to maintain occupant comfort at all times according to space demands accurately calculated by advanced PI loops. No need to readjust the setpoint on a daily basis. Set your preferred temperature setpoint and these Fan Coil Unit controllers will take care of the rest.



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

When combined with Proton's Network Controller, feel the power of true connectivity as you can access the Fan Coil Unit controllers remotely to monitor and configure any parameter. Want to receive notifications? Configuring email alerts is a breeze; it will take less than 5 minutes, guaranteed!



Controlled / Monitored with a PL-C1050-FCU

- 1 Supply Fan
- 2 Hot Water Coil
- 3 Chilled Water Coil
- 4 Electric Heat Coil
- 5 Supply Air Temperature Sensor
- 6 Hot Water Temperature Sensor
- 7 Hot Water Valve
- 8 Chilled Water Temperature Sensor
- 9 Chilled Water Valve

Prolon Controls

Fan Coil Unit Features



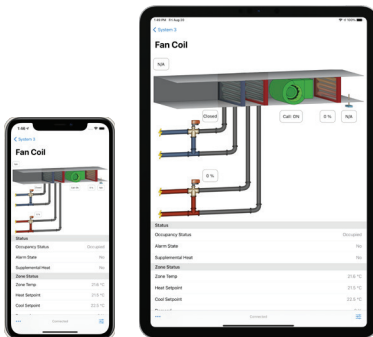
PL-C1050-FCU Controller

- 2-pipe and 4-pipe configurations available
- ON-OFF or modulating valve control
- Multi-speed fan control options
- Stand-alone or networked (up to 127 on a single network)
- Electric reheat options available
- Alarm input for leak detection or general alarm.
- Monitor pipe temperature(s)
- Integrated valve purge sequence (2-pipe only)
- Preheating sequence available for outside air applications
- Supports Modbus protocol



PL-T1000 Digital Wall Sensor

- Circular touchpad and graphical display
- Additional input for zone temperature averaging, remote sensor
- View the zone status (supply temperature, output status, 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!**