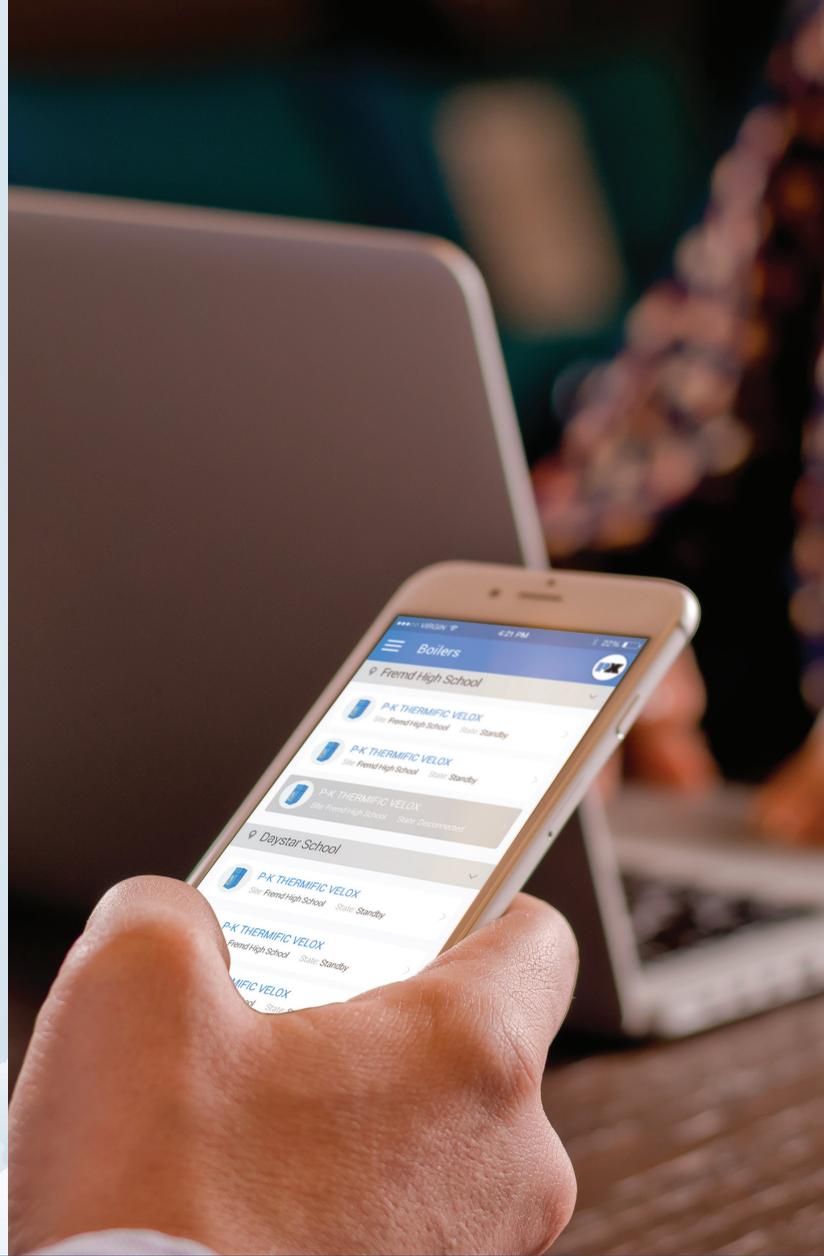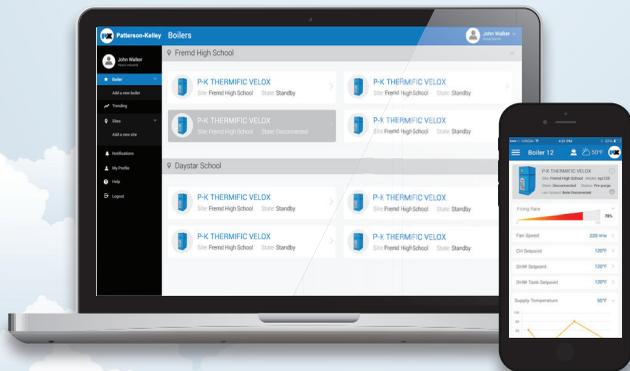# PATTERSON-KELLEY

NURO®
Connect

The indoor boiler control system you can access from anywhere, anytime.

With the most intuitive interface in the industry, the NURO® Connect now gives you the ability to easily control your indoor boiler system anytime, from anywhere. Whether using a desktop or mobile device, quickly connect and modify your system parameters for optimal efficiency.

Easy to Use:
Simple, easy to understand touch-screen technology adjusts boiler controls with a swipe of the finger for consistent and efficient operation and maintenance.

Easy to Set-up:
Intuitive software provides an enhanced user experience so you can refine control settings to your specifications and easily see the effects of your adjustments with a real-time visual analysis.

Easy to Connect:
Accessible by mobile or desktop devices, IOT gives power of embedded connectivity like never before with NURO data continuously sent to cloud storage.

PATTERSON-KELLEY

NURO®
Touch-Screen Control System

ABOUT the NURO®

Developed in-house and equipped with the latest in boiler control technology, the NURO® Touch-Screen Control System's ease of use ensures safe, efficient, and reliable boiler performance year-after-year.

Whether you are installing a single boiler or sequencing, the easy to use step-by-step Setup Wizard provides the ability to select from a variety of preconfigured settings or customize to your needs for optimal system efficiency.

Designed with efficiency in mind, the NURO monitors and modulates the combustion and ignition of the boiler to maintain the desired outlet temperature, allowing you to minimize the efficiency gap between the boiler and the system. Should a boiler issue arise, system diagnostics pinpoints and troubleshoots boiler errors and produces operation solutions and common repair suggestions.

Upgrading a hardware driven controller can be a hassle and costly to maintain. The NURO provides the long-term ROI through the use of a software driven computer, which allows for on-site upgrades, reducing the amount of maintenance hours needed by expensive boiler technicians.

Specifications

- ✔ 7" Color Touch Screen

- ✔ 2x USB Ports:
  Charging and Mouse Capable

- ✔ 1x Ethernet Port

- ✔ 1x BMS Modbus RTU Port

- ✔ 1x Cascade Port

FEATURES

- ✔ Setup Wizard provides guided setup for virtually all applications

- ✔ Real time visual alarms with diagnostics and troubleshooting tips

- ✔ "Black Box" error trending providing performance data 10 min before and after error

- ✔ User selectable control algorithms allow for customized PID

- ✔ Upgradable software through USB

- ✔ Import and export parameters allow for copying complex parameters to other boilers and restoring settings

- ✔ Fully customizable night setback with relay for BMS and onboard 7 day schedule

- ✔ Outdoor air setpoint (ODA curve)

- ✔ Virtual technician with help buttons on all parameters

- ✔ CH and DHW priority mode to alternate between or simultaneously meet CH and DHW demands

- ✔ Customizable info screen for adding or removing information

- ✔ Screen shots capture current screen picture

- ✔ Setpoint boost for temporary "boosting" of setpoint

- ✔ Set relays to activate once every set time period with Relay Exercise

- ✔ Nuro Connect remote monitoring through desktop, Android and iOS devices

  - + Fuel usage calculator
  - + Notifications & service reminders
  - + Unlimited boiler and site connectivity
  - + Real-time data with history download
  - + Service version for trained technicians