

# OnTrac<sup>®</sup> Model CS-8 Boiler Management System

## STANDARD FEATURES AND EQUIPMENT

- 8-inch, full-color, touch-screen interface
- Lead/Lag control of up to 20 boilers through 485 serial, daisy-chain connection to each boiler
- Hybrid system control of up to 12 condensing boilers and 8 non-condensing boilers
- Outdoor temperature reset of set point
- Scheduled setback of system set point
- Building Automation System connectable through built-in Ethernet port via ModBus TCP IP (information on the OnTrac is available for read / write at a remote network computer. Interface must be programmed by automation system provider)
- Two remote proving input terminals
- Thermister sensors for system and outdoor temperatures (includes thermo-well for system sensor)
- Built in logging of historical temperatures and alarms (local view)

## OPTIONAL EQUIPMENT

- RMC Option (Remote Access and Control): allows real time monitoring and boiler control via network or **internet connection**<sup>1</sup> (includes software to duplicate touch screen interface)
- Data Acquisition: Expands RMC option to include data acquisition via network or **internet connection**<sup>1</sup>. Includes 2 gigabyte SD card in the OnTrac for data acquisition.
- Email notification of system alarms and lockouts (email server cannot require authentication) Requires RMC option and **internet connection**<sup>1</sup>

The following information must be provided at the time of order entry for this option:

SMTP server IP address \_\_\_\_\_

Email or Text addresses \_\_\_\_\_@\_\_\_\_\_ and \_\_\_\_\_@\_\_\_\_\_

up to 8 addresses allowed

Sent From address \_\_\_\_\_@\_\_\_\_\_

(can be any name which identifies the installation)

- BACnet MSTP/IP conversion gateway
- LonWorks conversion gateway
- Johnson Controls N2 conversion gateway
  
- Remote adjustment of set point by 4 to 20mA signal
- Panel mounted audible alarm
- Two 10-amp equipment activation output relays
- Contacts for remote indication of alarm

**1. internet connection** requires internet access by a third party internet service provider. Cost of internet access and associated installation is not provided by Riverside Hydronics.