VERSA IC®
TOUCHSCREEN
QUICK START GUIDE

Raypak®
A Rheem® Company
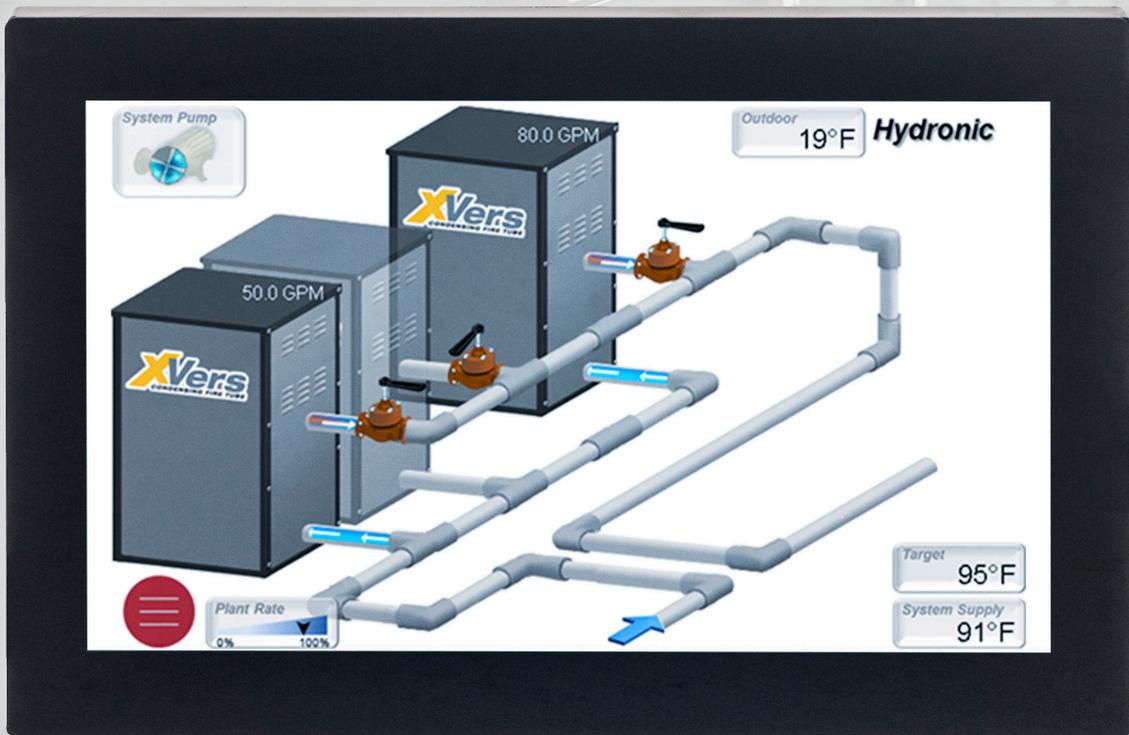
THE **VERSA IC** TOUCHSCREEN

Raypak's VERSA IC touchscreen is the very latest in high-performance, touchscreen displays. It features a high definition WVGA LCD display with a robust capacitive touch panel. The thick protective cover glass, along with the water resistant and glove-enabled touch panel, provides the rugged features required in today's equipment room. The Raypak touchscreen comes with onboard flash storage, allowing for fast rendering of high-resolution images as well as ample storage for monitoring and diagnostic data.

The VERSA IC Touchscreen Interface

The touchscreen module has the same basic menu distribution as the original LCD display. When the menu button is pressed, the menu bar becomes visible at the bottom of the screen, allowing navigation to the following menus and items.

View Menu 👁

There are three selectable View screen types.

• 3D System View
• Master Info or Follower Info
• System View

The 3D System View depicts a graphic representation of a typical boiler installation. The rest of the screens are focused on system data.
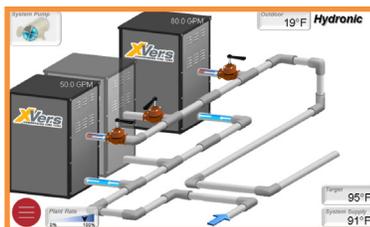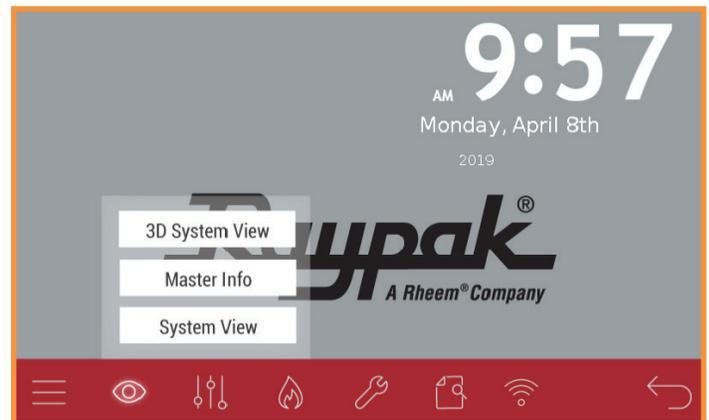
3D System View

Master Info

System View

Adjust Menu ⚙

The Adjust Menu includes many of the settable parameters. Each adjustable value has a small bar on top of or beside the value; a green bar indicates a confirmation, while a red bar means that the value displayed is different from the actual saved value. If the SET button is not pressed within 5 seconds, the value will revert to the previous value.

Some of the sub-screens and/or parameters are dependent on unit configuration and product family.

- Operation Settings
- System Settings
    - System
    - Cascade
    - Flow and Glycol
    - Vent Protection
    - HO$_2$T (O$_2$ trim system, if equipped), refer to HO$_2$T Supplemental I&O Manual (241781) for more information
- MIX Settings (Cold Water Protection)
- Indirect Settings
- Outdoor Settings
- Modbus Settings
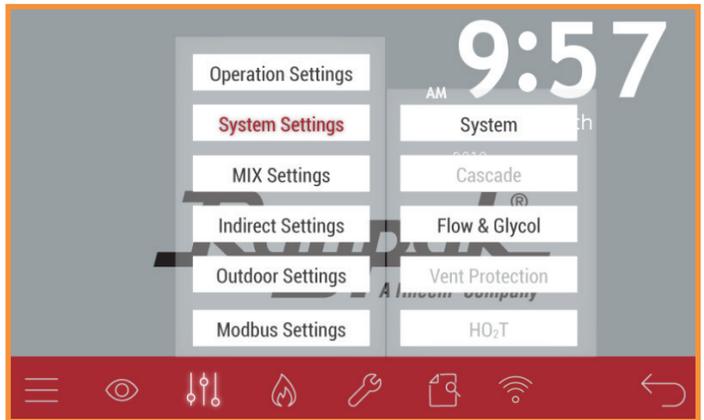
System Settings

MIX Settings

Outdoor Settings

Boiler Menu 🔥

The Boiler Menu includes visibility on multiple data points and active errors.

Boiler Error History will keep track of the error events of the Master and Follower units present in the cascade. Each error will be time-stamped.

- Boiler 1 or Follower
- Boiler 2
- Boiler 3
- Boiler 4
- Boiler 5, 6, 7, 8 (shown locally at the follower unit)
- Boiler Error History
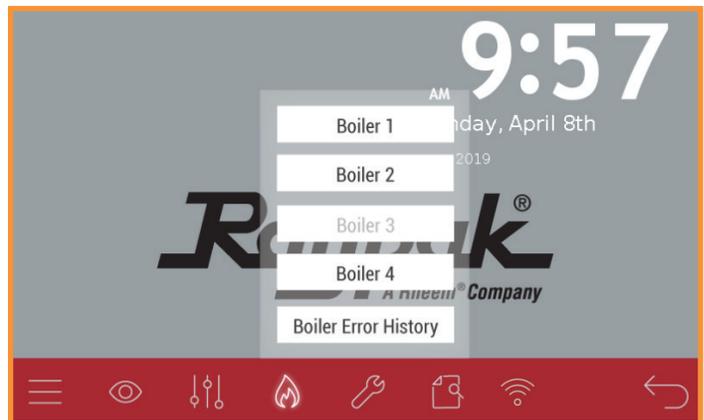
Boiler (Expanded View)

Boiler (Control View)
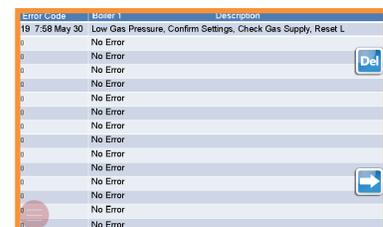
Boiler Error History

Tools Menu 🔧

Several touchscreen operation related items can be found in this Menu: screen dimming, screen time-out timer, temperature unit change, user test execution, touchscreen reboot, and return to default operation.

- System Tools
  - Monitor
  - Contact Info
- Touchscreen Settings
- Clock Setup
- Screen Reboot
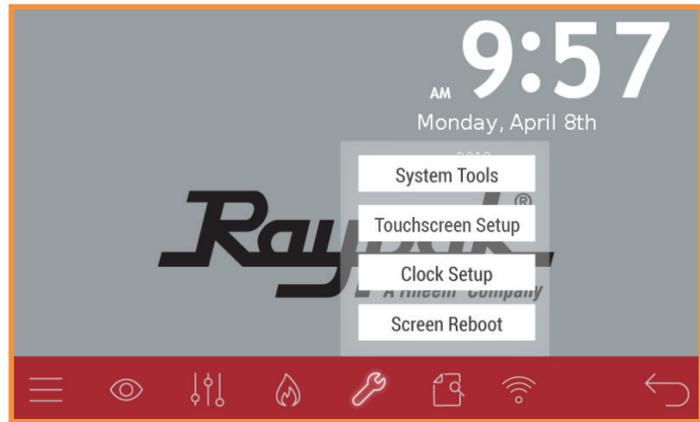
Contact Info and Password

When commissioning the equipment, contact information for the equipment supplier or service company can be entered. To enter contact info:

1. Press the Contact Info button
2. Press Edit button
3. Enter default password "RAYPAKREP"
4. Edit information, use a comma to separate lines of text. No spaces necessary.
5. Press Enter button.

NOTE: When entering contact info, in lieu of the ENTER button, use a comma (,) to separate lines of text. No space necessary.

Example: XYZ Boiler Company,(800) XXX-XXXX

Appears as: XYZ Boiler Company,
                 (800) XXX-XXXX

System Tools
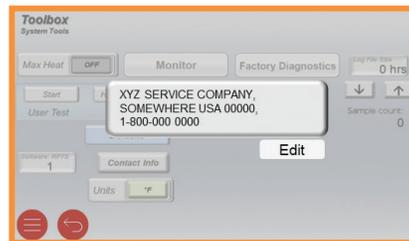
Contact Info

Document Viewer 📄

Provides easy access to documents factory loaded on the screen memory.

Document Viewer

Wi-Fi 📶

Access Wi-Fi signal status information. Refer to Raymote I&O Manual (241788) for information on how to set-up Wi-Fi.

Wi-Fi Status

MENU

(VIEW)
- 3D System View
- Master / Follower Info
- System View

(ADJUST)
- Operation Settings
- System Settings
- MIX Settings
- Indirect Settings
- Outdoor Settings
- Modbus Settings

Operation Settings — H
- Mode
- Outdoor Enable

System Settings — H
- System
- Cascade
- Flow & Glycol
- Vent Protection
- HO₂T

MIX Settings — H - WH - P
- MIX Type
- MIX Target
- MIX Lock
- MIX Speed
- MIX Invert
- MIX Trim

WH
- Tank Setpoint
- Tank Differential
- System Purge Time

P
- Pool Setpoint
- Pool Max
- Pool Differential
- System Purge Time

System — H
- Setpoint
- Target Max
- Target Min
- Differential
- System Purge Time

Cascade — H
- # of Isolation Valve Open
- Cascade Type
- Cascade Min Flow Offset
- Cascaded Alarm ON/OFF

Flow & Glycol — H
- Glycol Percentage
- ΔT Offset Flow Warning
- Isolation Valve Man. On/Off

Vent Protection — H - WH - P
- Vent Material
- Vent Differential
- Vent Rate

Indirect Settings — H
- IND Sensor Enable
- IND Setpoint
- IND Differential
- Priority Enable
- Priority Ovr Timer

Outdoor Settings — H
- Boiler Start
- Boiler Design
- Outdoor Start
- Outdoor Design
- WWSD

Modbus Settings — H - WH - P
- Modbus Mode
- Modbus Address
- Modbus Data Type
- Modbus Parity
- Modbus Baud Rate

(BOILER)
- Master / Follower
- Boiler 2
- Boiler 3
- Boiler 4
- Boiler Error History

(TOOLS)
- System Tools
- Touchscreen Setup
- Clock Setup
- Screen Reboot

System Tools
- Max Heat Enable
- User Test
- Defaults
- Contact Info
- VERSA / PIM Software Rev
- °C / °F Selection
- Monitor
- Factory Diagnostics Log

Touchscreen Setup
- Brightness
- Dimmer Timeout
- Page Timeout

(DOCUMENT VIEWER)

(WI-FI)

MODEL TYPE
- H
- WH
- P
- H - WH - P