

VERSA IC[®] CONTROL SYSTEM

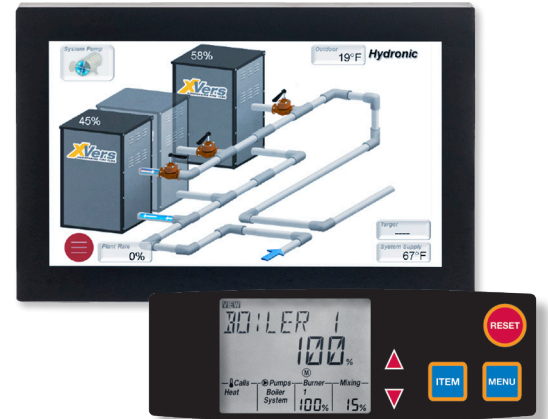


Raypak[®]
A Rheem[®] Company

SMARTER CONTROLS

Get more out of your boilers and water heaters

Raypak's VERSA IC combines modulating temperature control, safety limits, and ignition programming into one user-friendly integrated control platform. This universal controller is standard on all models of XVers[®], XVers L[™], XFIIRE[™], XTherm[®], MVB[®], XPakFT[®], and Hi Delta[®] products allowing for communication between boilers or water heaters within the same system.



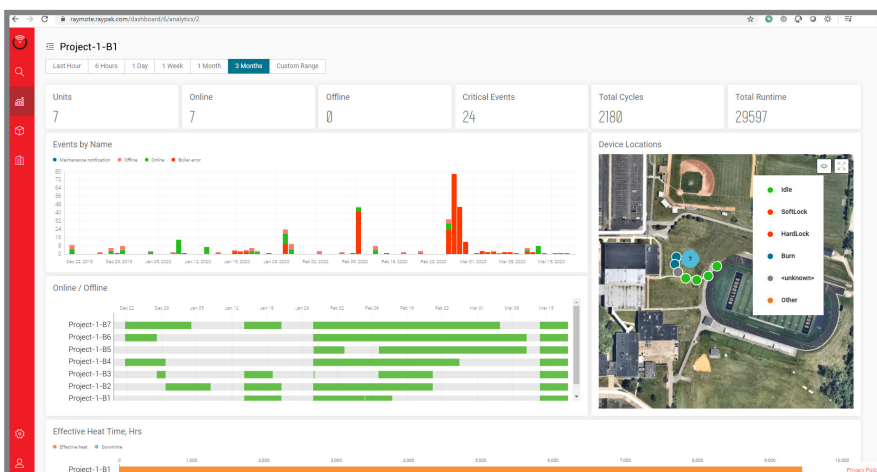
VERSA IC intelligence with *Ray*moT[™] connectivity.

With self-learning features that prevent equipment damage, this automated controller is easy to set-up, understand, and use, making it as close to plug and play as possible.

The VERSA IC system can be remotely monitored through the Raymote mobile app or web dashboard. With touch-of-a-button access to vital information, Raymote gives you:

- Real time notifications to keep you informed.
- Visibility to manage your Raypak systems at multiple sites.
- Instant visibility to historical data and performance reports.

1 year of Raymote service included.



Raymote gives you the freedom to track your boiler and water heater systems from all over the globe.



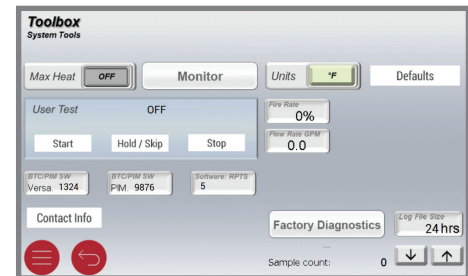
BUILT-IN INTELLIGENCE



Communication Flexibility

Communicate directly with the VERSA IC control system through your Building Management System (BMS) and/or the Raymote platform. Monitor and control via standard, built in Modbus RTU port through any of our BMS protocol converters:

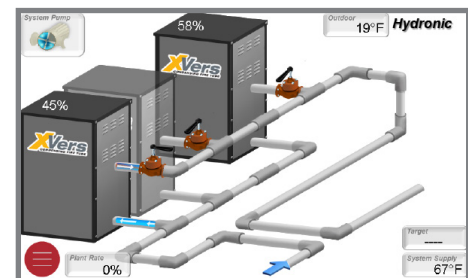
- BACnet MS/TP
- BACnet IP
- N2 Metasys
- Modbus TCP
- LONworks



Performance Versatility

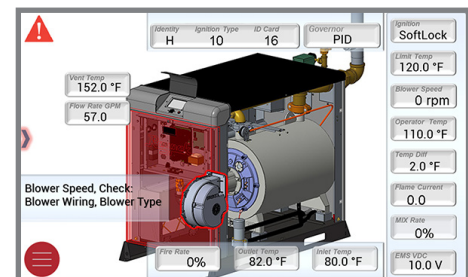
The VERSA IC control system gives you the ability to build a system that provides the performance you need:

- Cascade up to 8 units
- Cascade in parallel or sequential modulation modes (H models)
- Cascade interstage delay settings



Intuitive Diagnostics

Both the VERSA IC touchscreen and LCD display make it easy to understand, navigate and diagnose the unit. The touchscreen features graphical indication of unit status.



Document Viewer

Access the crucial information you need right from VERSA IC touchscreen.





Built-in protection for peace of mind

Uptime Dependability

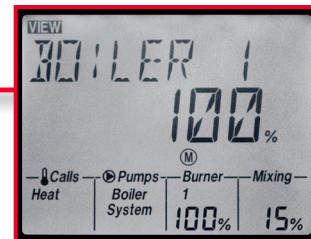
Raypak's VERSA IC reduces downtime through many system safeties and sensors that continually monitor the health of your unit and its environment.

- Dynamic Protection (patented) - maintains optimal operation based on load demand, Delta T and flow
- Richlight™ (patented) on natural gas XVers models - ensures reliable ignitions regardless of ambient conditions
- Automatic configuration based on:
 - Glycol concentration selection
 - Vent material selection
- HO₂T™ O₂ Trim system on XVers
- Freeze protection
- Delta T Protection Zones (for units equipped with flow meter)
- Cold Water Protection built-in
 - User selectable for pump or motorized valve
- Up to 8 sensors
 - Inlet sensor
 - Outlet sensor
 - System sensor
 - DHW indirect sensor
 - Indirect supply/pool sensor
 - Vent temperature sensor
 - Spare sensor point for user optional BMS use
 - Outdoor reset sensor (optional)
- Burner status provided via dry contact or BMS protocol
- Alarm dry contact
 - Audible alarm optional
 - Selectable cascade alarm sharing



Touchscreen Display

Up to 7 inch high definition touchscreen displays on XVers, XTherm and MVB. UP to 4.3 inch high definition touchscreen on XVers L and XFIIRE. Includes Glove Sense™ technology with liquid protection and rugged ballistic grade glass.



LCD Display

3.5 inch LCD display with touch pad on all XPakFT and Hi Delta (C model sizes). High temperature capacity will stand up to harsh conditions.

www.raypak.com

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