

32 RetroPIC II

Next Generation Controls for Centrifugal and Screw Chillers



Upgrade Your Controls, Optimize Your Chillers

Continually evolving technological advancements in newer chillers now feature integrated microprocessor-driven controls designed to lower operating costs, reduce downtime, and precisely monitor and manage equipment... either onsite or remotely.

But what about your *existing* chillers? Their controls components are limited in their capabilities and becoming less available.

In contrast, today's advanced controls can help ensure that *all* your chillers operate in harmony, achieve their peak operating efficiency and make the most of your investment.

Carrier's 32 RetroPIC II gives older chillers all the benefits of Carrier Integrated Controls... and can connect to many building management systems. It includes the Product Integrated Controls (PIC) panel, Integrated Starter Management panel and power panel. These three components arrive at your site pre-assembled, and are field-configurable to meet your application's precise control and comfort requirements.

Carrier's knowledgeable technicians work with you and your building staff to ensure a smooth installation process, and deliver a controls network solution that's tailored to your needs.

Now is the Time... Upgrade Your Existing Chillers

Bring full communication, performance and control capabilities to your entire HVAC system with 32 RetroPIC II.

- Simplify Equipment Control
- Enhance Chiller Performance
- Monitor Critical Data
- Reduce Service and Repair Costs
- Reduce Energy Costs


32 RetroPIC II Benefits

- Easily Adjusts Setpoints and Schedules
- View Alarm History and Check Chiller Status... locally or remotely
- Energy-Saving Modes of Operation Help Lower Utility Costs
- Helps Reduce Unplanned Service and Repair Costs
- Ramp Loading Helps Avoid Excessive Electric Service Charges

32 RetroPIC II

Optimize Your Chiller Plant

The 32 RetroPIC II allows chillers to communicate with both Carrier and non-Carrier building management systems. When placed on multiple chillers, the chilled water plant can become an integrated operation which optimizes control and energy usage. It has been designed to integrate many chiller models including hermetic, open drive, single-stage and multi-stage compressors



In addition to its performance benefits, the 32 RetroPIC II has the optional capability of monitoring and data collection of chiller plant information from any location.

Compatible With Your Existing Equipment

One of the major challenges building owners and managers face when purchasing replacement chillers is the issue of compatibility with existing equipment and building management systems.

Carrier's universal interfaces have been designed to allow easy connection to other control and building management systems. As our industry moves toward a universally accepted standard such as ASHRAE-approved BACnet®, Carrier will continue to meet the interoperability needs of our customers.



Adaptable

Carrier controls support integrated translators or universal protocol converters for open systems (BACnet®, LON, Modbus, Johnson N2, etc.).

Accessible

Carrier Controls ensure the highest levels of HVAC system performance by integrating your HVAC equipment with your building's existing network.

Interface Software

Carrier's i-Vu® and ComfortVIEW™ software provide a point of entry to the network. These software packages combine superior graphics with multi-tasking capabilities.

Controls

Carrier-designed controls provide unmatched flexibility and state-of-the-art operation, safety and functionality including:

- Full Carrier and Open Network compatibility
- 16-line x 40-character backlit Liquid Crystal Display (LCD)
- Local/Remote Operation
- User-Configurable Ramp Loading
- Chilled Water Reset
- Improved Chiller Protection
- Extensive Diagnostic and Service Capabilities
- 25-Message Alarm/Alert History File
- Lead-Lag of multiple chillers

32 RetroPIC II by Carrier is designed to deliver enhanced performance, operating efficiency and monitoring capabilities to entire HVAC systems — regardless of age, existing protocols or equipment manufacturer.

For more information about our Carrier's 32 RetroPIC II, contact your local Carrier representative or go to: www.commercial.carrier.com

