Product Overview

The Heatcraft Remote Refrigeration Control provides monitoring and control of up to four refrigeration systems. When used in conjunction with the Beacon II Smart Controller, the RRC continuously monitors and logs over 300 data points, allowing system monitoring and troubleshooting over any internet connection, with the option to remotely adjust system parameters.

The web interface is designed for the unique needs of the service engineer, as well as operation managers and facility owners. Operation or facility managers can monitor conditions to ensure that standard operating procedures are in place. Service engineers and technicians, as well as energy managers, can optimize system operation based on real-time application data and quickly diagnose issues, saving time and money.

Each RRC Internet Gateway can connect to a single Smart Controller and monitor up to 4 refrigeration systems. Alerts can be created to notify the appropriate personnel of system alarms via text message or email.

Installation

Parts Provided for Heatcraft RRC Internet Gateway Installation:
- Heatcraft RRC Internet Gateway
- 12’ Ethernet Cable
- 24v Power Supply
- Ribbon Cable Connector with Null Modem Adapter

Tools Needed for Installation:
- Wall mounting hardware (screws and/or anchors)
- Appropriate Screwdriver or Screw Gun
- Small Phillips head screwdriver

Installation

- Locate the Beacon II Smart Controller.
- Remove the Beacon II cover by pinching on its upward area and lifting up. The Smart Controller cover should come off with very little effort.
- Locate the Blue RS232 connector toward the bottom of the board and press fit the ribbon cable connector into place.
Choose a mounting location for the Internet Gateway near the Smart Controller within reach of the ribbon cable and the power supply.

NOTE:
The power cord is 6' long and the Ethernet cable is 12' long. Locate the Heatcraft Internet Gateway as near as possible to the Beacon II.

- Secure Gateway to wall using the two tabbed mounting holes.

- Connect ribbon cable, and secure connector screws with small Phillips screwdriver. Note a null modem cable or connector may be supplied and would be installed between the gateway and the ribbon cable.

- Connect one end of the CAT5 cable to the Gateway and the other to an internet connection. This connection could be made to a router that is connected to the internet or a local area network that has an internet connection.

- Plug in the power transformer into an available 115V outlet and begin collecting information.

Installation is as easy as that.

Mounting Note
The Remote Refrigeration Control should be mounted outside of your walk-in cooler, not inside.

Viewing your system online
On an internet connected device browse to rrc.heatcraftrpd.com. You will see a log in screen where you will input your username and password. If you have not been assigned a username or password contact your Heatcraft representative.

Once you have been logged in you will see a list of all locations that are under your account.

The site could take up to 30 minutes before the initial information from the Beacon II system begins to appear.

If you have any questions please contact Customer Service at 770-465-5600.