**Carrier® eDesign Software
Refrigerant Piping Design v5.00
Release Sheet**

Refrigerant Piping Design v5.00 replaces v4.00

UPDATE DESCRIPTION

Refrigerant Piping Design (RPD) 5.00 includes the following changes:

1. Updated User Interface**:**
   - Added a tree panel to the main window to display all systems in the current project, and to allow quick navigation between systems in the project.
   - Added an option to define the content of a system - whether to include or exclude suction, discharge, and liquid lines from a system so you can define and calculate only those lines applicable to your system.

2. Updated Calculations:
   - Updated calculations to use National Institute of Standards (NIST) refrigerant property data and property calculations.
   - Update R-717 pipe sizing data using information from the *2018 ASHRAE Handbook - Refrigeration*.
   - Removed calculations for R-502 line sizing.

3. Updated Reports:
   - Added features to allow you to control printer device and printer settings each time you choose to print the report.
   - Added a new option to view the report in Word instead of the Report Viewer window.

4. Expanded the Help Menu to include contact information for software support and links to resources on the Carrier software web site.

5. Revised the program to use current project data management features shared by all Carrier eDesign software.

6. Implemented the ability to deliver software electronically to customers.

For further details, see the section 1.2, "What's New" of the Refrigerant Piping Design help system.

INSTALLATION PROCEDURES

To install Refrigerant Piping Design please use the procedures listed below. When installing to a network server, please refer to Installing and Operating Carrier Software on Networks.

Prerequisites:
- Computer requirements: Windows 7, 8.1, or 10
- You received an e-mail from Carrier Software Systems containing installation instructions.

Installation procedure:
- Close all other programs that are currently running.
- If you do not already have Carrier X Builder installed on your computer, use the download link and instructions in the e-mail to install the software.
- Use the download link and instructions in the e-mail to download and launch installation of Refrigerant Piping Design.
- During installation, you will be required to enter the customer number and access code provided in the e-mail. **The access code is specific to your company and this version of the software**.

Run RPD:
- From the Start menu choose the "Programs" or "Apps" menu.
- Choose the "Carrier E-CAT and E20-II Programs" group and then click on "Refrigerant Piping Design v5.00".

PREVIOUS VERSION INFORMATION

1. Refrigerant Piping Design v5.00 will not replace v4.00 when it is installed. Therefore, when it is no longer needed, v4.00 can be uninstalled separately using the following procedure:
   - Open Windows Control Panel.
   - Select the Programs and Features item in Control Panel.
   - Right click the item "Refrigerant Piping Design Program v4.00" and choose the "Uninstall/change" option on the pop-up menu which appears.
   - Follow the instructions which appear on the screen.

2. Project data from Refrigerant Piping Design v4.00 cannot be used in v5.00. Continue using v4.00 to finish work in existing projects. Start new projects in v5.00.

PROGRAM DOCUMENTATION

The Refrigerant Piping Design help system provides complete documentation. This includes the detailed discussions of program inputs, reports and calculation procedures. The help system can be launched from the Help Menu, the Help button on the program toolbar, and by pressing the [F1] key.