

HAP System Design Load v4.51 replaces v4.41

UPDATE DESCRIPTION

Hourly Analysis Program v4.51 includes the following changes:

- Revised the report generating software in HAP to bundle reports as a single document file. This allows more efficient viewing, printing and saving of batches of program reports.
- Upgraded "gbXML Import" feature to more efficiently work with files from AutoDesk Revit MEP 2010 and eliminate import failures seen in prior versions when importing gbXML from this source.
- Expanded Help Menu to include User's Manual and links to web-based support and training information.
- Converted program to use HTML-help format for better compatibility with Windows 7 and Windows Vista.
- Added "What's New" pop-up window which appears at program start-up.
- Revised report "save as RTF" feature to remember the destination folder you specify.
- Added a template project which contains ASHRAE 90.1 default schedules.
- Corrected 12 problems identified in v4.41.

Detailed information about these changes can be displayed by clicking the "Learn More" button on the "What's New" window that appears at program startup, or by reviewing section 1.2 ("What's New in HAP") in the program help system.

INSTALLATION PROCEDURES

Full System Design Load installation using program CD-ROM:

- Insert the System Design Load v4.51 CD-ROM in your CD drive.
- From the Windows desktop, press the Start button and choose the "Run" item on the Start Menu.
- In the Run window type **d:\SETUP.EXE** where "d:" is the drive letter for your CD-ROM drive. Example: If your CD-ROM drive is E:, the run command is E:\SETUP.EXE
- Follow the installation instructions that appear on your screen.

Running System Design Load v4.51:

- From the Windows Desktop, press the Start button and choose the "Programs" option.
- Choose the "Carrier E-CAT and E20-II Programs" group on the Programs Menu and then click on the "System Design Load v4.51" item in this group.

Minimum computer requirements:

- Hard Disk Space: Full Install: Max 300: megabytes. Typical: 100 megabytes. Patch Install: Minimal disk space.
- Random Access Memory: At least 128 megabytes
- Display Monitor: At least VGA with 800x600 resolution and 256 colors.
- Operating System: Windows XP, Windows Vista or Windows 7.
- X-Builder Framework v1.04o or later.

Note: When installing HAP on a network server, the patch or full installation procedure must be repeated on each workstation to fully update both workstation and server. For further information on network installation and operation, please refer to the Network_Primer.PDF file in the \Document folder on the HAP CD-ROM.

PREVIOUS VERSION INFORMATION

1. Data from System Design Load versions v4.0 thru v4.4 can be converted for use in System Design Load v4.5 using the "Convert HAP v4.x Data" option on the Project Menu. The data from an earlier version can be an active project or an archive file. Please refer to the on-line help system for details (see section 1.5 of the help system).

PREVIOUS VERSION INFORMATION (continued)

2. System Design Load v4.51 will not replace v4.41 when it is installed. Therefore, when it is no longer needed, v4.41 can be uninstalled separately using the following procedure:
 - Start Carrier Electronic Catalog v1.04o.
 - In the main window, left-hand panel, click the Programs tab.
 - Highlight System Design Load v4.4 in the tree on the left.
 - Then click the "Remove Program" button in the right-hand panel.

PROGRAM DOCUMENTATION

The *HAP Quick Reference Guide* has been updated. The new manual is dated 12/2009. An electronic copy of the guide is installed with the program and can be displayed via the Help Menu while running HAP. The manual is also provided in the \Manual folder on the program CD. This manual includes an overview of the program, tutorials, example problems and application advice. The electronic copy of the manual is stored in Adobe Acrobat PDF format. If you do not have Adobe Acrobat Reader installed on your computer it can be downloaded from the Adobe website.

We encourage new users to read Chapter 1 ("Getting Started") in this manual before using the program.

The program's on-line help system provides complete documentation for the program. This includes a copy of the material from the *HAP Quick Reference Guide* plus detailed discussions of program inputs, reports and calculation procedures. There are three ways to display help information:

- From the program main window choose the "Contents and Index" option on the Help Menu.
- At any point in the program press the F1 key or press the Help buttons which appear throughout the program.
- From the Windows desktop press Start and choose Programs > Carrier E-CAT E20-II Programs > Help > System Design Load v4.51 Help".

TECHNICAL SUPPORT

If you have questions about the software, please contact Carrier Software Systems technical support via e-mail at software.systems@carrier.utc.com or via phone at 800-253-1794.