

Carrier Hourly Analysis Program (HAP) v6.1

Release Sheet

June, 2023



Hourly Analysis Program v6.1 replaces v6.0

Update Description

HAP v6.1 contains the following changes:

1. Building Modeling:
 - Added ability to customize floor-to-ceiling heights on a space-by-space basis.
 - Revised how level-to-level and floor-to-ceiling heights are defined to improve clarity.
 - Modified building surface categorization to make it simpler and more intuitive.
2. Updated Standards Data:
 - Added features for ASHRAE Standard 62.1-2019.
 - Added features for ASHRAE Standard 90.1-2019.
 - Added new EER2, SEER2, COP2, HSPF2 equipment rating metrics.
3. Other Updates:
 - Added new Performance Rating Summary report for energy modeling.
 - Update default electric and gas prices for US states using the latest published EIA data.
 - Added feature to automatically convert projects created with v6.0 to 6.1 format.
4. Corrected problems existing in HAP v6.0.

Further information is provided in the [HAP v6.1 new features document](#).

Installation Instructions

To install HAP please use the instructions below. For IT staff performing silent installs or installing to remote drives, please refer to the [eDesign Advanced Installation Guide](#).

Prerequisites:

- Operating System: Windows 10 64-bit or Windows 11 64-bit
- Hard Disk Space: 1.0 GB
- RAM: 8 GB or greater
- Customer number and license key you received via email.

Installation Procedure:

- Download the software by clicking the link provided in the email you received.
- After the file downloads, double-click this EDG-HAP610.EXE file to launch installation

Software Activation:

- HAP v6.1 uses the same license key as v6.0. Therefore, if you were already running v6.0, v6.1 will run without having to re-enter the license key. This is because the license key is linked to your software license, not to a specific version of the software.

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Previous Version Information

1. HAP v6.1 will not replace v6.0. Both versions can be run on the same computer.
2. Data from HAP v6.0 can be used in HAP v6.1. When running v6.1, if you open a v6.0 project the data will be converted to v6.1 format automatically. A “converted” label is added to the project name when it is converted so you won’t accidentally overwrite the original 6.0 project file. Due to changes made to the data format and problem repairs made during the conversion, design and energy modeling calculations need to be rerun after the data is converted.

Program Documentation

The HAP help system provides complete documentation for the software. This includes a program overview, tutorial, example problems, application guidance, explanation of all input screens, report contents, and calculations. The help system can be launched from the Help Menu, the Help buttons on input screens, and by pressing the [F1] key.