

Carrier Hourly Analysis Program (HAP) v6.3

Release Sheet
September, 2025



Hourly Analysis Program v6.3 supersedes v6.2

Update Description

HAP v6.3 contains the following changes:

1. Weather Driven Infiltration
Added features for modeling weather-driven infiltration in buildings
2. A2W Heat Pump in Cascade with WSHP Loop Systems
Added features for modeling WSHP Loop systems in which the cooling tower and auxiliary boiler are replaced with air-to-water heat pumps. This system supports decarbonization for certain WSHP Loop applications.
3. Installation
Added features for remotely deploying license keys to employees' computers to support IT departments in larger engineering firms.
4. Energy Price Data
Implemented the most recent US state average electricity and natural gas prices published by the US Energy Information Administration (EIA).
5. Other Enhancements
Made other lower level enhancements involving building modeling, equipment sizing, and software installation.
6. Problem Fixes
Corrected problems identified in HAP 6.2.

Further information is provided in the [HAP v6.3 New Features Document](#) and in the program Help system in section 1.2.

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 the EDG-HAP63.EXE file to launch installation

Software Activation:

- HAP v6.3 uses the same license key as v6.2. Therefore, if you were already running v6.2, v6.3 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 v6.3 will not overwrite or replace v6.2. Both versions can be run on the same computer.
2. Data from v6.2 can be used in v6.3. When running v6.3, if you open a v6.2 project, the data will be converted to v6.3 format automatically. A “converted” label is added to the project name when it is converted so you won’t accidentally overwrite the original 6.2 project file. 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.