

Carrier System Design Load Program (SDL) v6.4

Release Sheet

April, 2026



System Design Load v6.4 supersedes v6.3 and 6.3.1

Update Description

System Design Load v6.4 contains the following changes:

- 1. Building Modeling**
Enhanced multiple features to make creation of building models more efficient.
- 2. ASHRAE Standards**
Added data and calculation procedures for ASHRAE Standard 62.1-2022 and ASHRAE Standard 90.1-2022.
- 3. Design Load Reports**
Added ability to export design load calculation results in spreadsheet format.
- 4. Air System Modeling**
Added ability to model air source heat pump DOAS units.
- 5. Other Updates**
Made many other enhancements. See document link below for more information.
- 6. Problem Fixes**
Corrected problems identified in SDL 6.3 and 6.3.1.

Further information is provided in the [SDL v6.4 New Features Document](#) and in section 1.2 of the help system.

Installation Instructions

To install SDL 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 11 64-bit
- Hard Disk Space: 500 MB
- 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-SDL64.EXE file to launch installation

Software Activation:

- SDL v6.4 uses the same license key as v6.3. Therefore, if you were already running v6.3, v6.4 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.



Previous Version Information

1. SDL v6.4 will not overwrite or replace v6.3. Both versions can be run on the same computer.
2. Data from v6.3 can be used in v6.4. When running v6.4, if you open a v6.3 project the data will be converted to v6.4 format automatically. A “converted” label is added to the project name when it is converted so you won’t accidentally overwrite the original 6.3 project file. Due to changes made to the data format, design load calculations need to be rerun after the data is converted.

Program Documentation

The program 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.