

Carrier System Design Load Program (SDL) v6.3.1

Release Sheet

January, 2026



System Design Load v6.3.1 replaces v6.3

Update Description

System Design Load v6.3.1 is a minor update to v6.3 which corrects the five operating problems summarized below and described in greater detail in section 1.2 of the program help documentation.

- In certain specific situations, the shared interior wall between side-by-side levels in a building model was incorrectly interpreted as an exterior rather than interior wall.
- When a WSHP air system was configured with a Dedicated Outside Air System (DOAS) chilled water cooling coil, the design load calculation failed
- If a window assembly with venetian blinds internal shading was used in a space with concave shape, the design load calculation sometimes failed.
- The Zone Sizing Summary for a WSHP air system could fail with an Error 91 if the WSHP terminals had no heating coil loads or no cooling coil loads.
- Plant design calculations could fail if a specific sequence of steps occurred involving linking air systems to a plant and then later deleting one or more of the linked air systems.

Further, please note the following about this release:

1. SDL v6.3.1 replaces v6.3. It will overwrite v6.3 when installed.
2. Because SDL v6.3.1 is a minor update, it opens existing v6.3 projects without requiring data conversion. There are no changes to input data when a project is opened. It is not necessary to rerun calculations. All calculation results remain the same.
3. SDL v6.3.1 uses the same license key as v6.3. The key does not need to be re-entered.

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-SDL631.EXE file to launch installation

Software Activation:

- SDL v6.3.1 uses the same license key as v6.3. It is not necessary to re-enter the license key for this update.

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Previous Version Information

1. SDL v6.3 will overwrite and replace v6.3.
2. Because v6.3.1 is a minor update, project data created in v6.3 is usable immediately. No data conversion occurs when opening v6.3 projects. Calculations do not need to be rerun. All calculation results remain the same.

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.