

No cable trays in Revit



AI Overview

Cable trays in Revit may not appear because they are system families, which are predefined in templates and projects, not loaded from external files. Understanding the Issue In Revit, cable trays are system families, meaning they are built into the software and saved within templates and projects. They do not appear in the library like loadable families, so if you cannot see them, it is usually due to the project template or view settings rather than a missing file.

Steps to Access and Add Cable Trays

- Check the Project Template:** Ensure you are using a Revit MEP template that includes electrical components. Some architectural templates may not have cable trays enabled.
- Use the Cable Tray Tool:** Go to the Systems tab → Cable Tray. You can select from predefined types such as Channel, Ladder, or Solid Bottom trays.
- Load or Modify Types:** If you need specific sizes or fittings, click Edit Type to adjust width, height, or bend radius. You can also add new sizes in the Electrical Settings dialog.
- Add Fittings:** Fittings can be added automatically as you draw a tray or manually afterward. If a fitting does not behave as expected, check the family type (e.g., Channel Tee, Channel Union) and ensure it is compatible with your tray layout.
- Check Visibility/Graphics:** Make sure the Electrical Equipment and Cable Tray categories are visible in the current view. Hidden categories or filters can make trays appear missing.
- Troubleshooting Tips** If trays still do not appear, restart Revit and reload the template. Verify that the view level and phase are correct; trays may be placed on a different level or phase. For custom trays or fittings, ensure you are using Revit MEP families and not trying to import them as generic loadable families.

By following these steps, you should be able to access, place, and modify cable trays in Revit MEP, even if they initially seem missing.

Article Content

Cable Tray and Conduit

Add Cable Tray Fittings As you draw cable tray, Revit automatically adds fittings. Use the following procedure to manually add cable tray fittings to an existing segment or run.

Setting Up Cable Tray in Revit MEP: A Step-by-Step Guide

Walk through placing cable tray in Revit MEP—loading fittings, setting routing preferences, drawing runs across floors, and resolving clashes

Revit Electrical Cable Tray & Conduits Training

The course is designed to provide participants with the skills and knowledge necessary to create, modify, and document electrical systems in a building project using Revit.

How to Add Cable Trays in Revit MEP: A Comprehensive Guide Using ...

Welcome to our step-by-step tutorial on adding cable trays in Revit MEP! In this video, we'll walk you through the entire process of integrating cable trays into your Revit MEP project using a ...

Designing Cable trays and Cables.

What is the best method to design Cable trays, and then populate them with Cables? I know there are multiple products that can do this, but what

Solved: Cable Tray Run schedule

Hello, I have read many posts about the cable tray run schedule not working but it still doesnt answer my question. Most of the posts suggest that you cant get the bends with the cable

What's New in Autodesk Revit 2027: Key Features and Updates

Discover Revit 2027's new features: faster performance, smarter modeling, enhanced collaboration, and automated documentation workflows.

Modeling and Coordinating Cable Tray Systems in Revit for Electrical ...

Understand how to model a cable tray using the systems tab in the electrical section for effective coordination, especially in the electrical room. Learn how to set the middle elevation, draw

Learn REVIT Fast LRF-ELEC-01-03 - Cable Tray - Revit news

This lesson walks through how to start a project and properly set up for Electrical Cable Tray design in Revit 2025. It focuses on template selection, component availability, and basic setup steps.

Adding cable tray in Revit

Adding cable tray in Revit Review the basics of placing cable tray, add vertical cable tray, and place cable tray and fittings horizontally on a wall. We are also modifying cable tray fittings to work in tight

RevitCity | Objects | Search For cable tray

The Cable Flashing Ø160 is delivered with integrated membrane for installation on roofs with bitumen or foil membrane. Both the pipe and the top are equipped with an EPDM rubber edge.

Cable tray not visible in plan region

Hi, I'm working with cable trays on Revit MEP 2017 and i have to draw a cable tray running at high level above the selected view range. In previous

How to Use Navisworks for Clash Detection: Step-by

Save Navisworks for the conflicts you cannot see visually. If you work in Revit daily, keep these essential Revit shortcuts at hand. Use Selection Sets

Cable tray ladder fittings not visible in plan view in Revit

Issue: Users reported that cable tray Ladder-type fittings are not visible in the plan view and sections in Revit.

Cable trays NOT automatically connecting

The cable trays aren't connecting no matter what angle I try to connect them and I am presented with the following error message in the image

BIM objects

The EAE Cable Tray plugin allows users to employ EAE Electric's cable tray

Revit Electrical Cable Tray Draw Practice

Overview: This training program focuses on using Autodesk Revit for designing and managing electrical cable trays and conduits within a Building Information Modeling (BIM) environment.

How to Use Navisworks for Clash Detection: Step-by

Step-by-step Navisworks clash detection guide for BIM Coordinators. Learn Clash Detective setup, running clash tests, managing results, and

Revit 2018 Electrical cable trays not visible

Hi Working with Cable ways. *When i go to my floor plan to draw my cable tray from my "System tab" it doesnt show on my floor plan ? How can i make it visible from my floor plan? *Also

Missing Cable Tray systems in Revit

In Revit you can make for pipes and ducts a system, but this is not yet available for cable trays. Would be handy to include in the new update.

The Ultimate Guide to Perfecting Revit Electrical Cable Tray Draw

Don't miss this opportunity to enhance your Revit skills and become a proficient electrical cable tray designer. Watch the video, hit the like button, and subscribe for more in-depth tutorials on ...

Revit Architecture Forum

Welcome to the Autodesk Revit Architecture Forum. Ask questions, share your knowledge, and make connections.

Specific cable tray families are missing in Revit

Specific cable tray families are missing in Revit. They do not appear in the library. System families are predefined in Revit and saved in templates and projects, not loaded into templates and

Setting IFC Material Overrides for Cable Tray and Conduit

Unlike pipe and duct, cable tray and conduit don't belong to a system in Revit, so there's no MEP System parameter to piggyback off. That's why most

Atkore | Electrical Cable Management, Safety,

Atkore manufactures electrical conduit, cable management, and infrastructure solutions that improve safety, efficiency, and performance across industries.

Where is template family cable tray's with fitting?

Cable Trays is a system family. You can Transfer Project Standards from a MEP project template to get more OOTB types. Cable Tray Fittings is a

Contact Us

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