# Multi-Service Module



### PREFABRICATION GUIDE

### **Market Conditions**

The construction market is incredibly competitive. Skilled installers and inexpensive materials are constantly raising customer expectations and lowering project bids. With so much pressure in the market, contractors need to find new ways to differentiate and win.

### The nVent CADDY Solution

nVent CADDY products are designed to pro vide innovative solutions that reduce project cost through labor savings. The best way to do this is through prefabrication. Prefabrication reduces installation time and scrap, improves quality, and allows schedule flexibility.

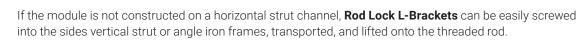
The best way to capitalize on the benefits of prefabrication is by combining multiple services on the same prefabricated module and transporting it in one piece to the jobsite. Prefabrication of modules can be broken up into two main methodologies based on how it is being installed: attached at the load or at the structure.



Rod Lock Strut

### Attaching at Load

If the module is strut-based, it can all be attached to nVent CADDY Rod Lock Strut in advance. The strut comes in pre-cut lengths of 16-52" or 60-1100 mm with Rod Lock nuts riveted into the channel. Standard strut hardware can be used the entire length of the bar. Once the services are fabricated on the strut, they can be transported to the jobsite and easily lifted and locked onto pre-installed threaded rod. If more than 52" or 1100 mm is required for all of the services, they can be stacked in multi-tier trapezes on the same two threaded rods. According to internal tests, Rod Lock Strut can save 69% of time compared with traditional methods when installing milti-level trapeze.

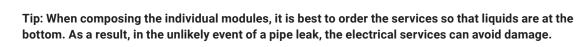




Rod Lock L-Bracket

## Attaching at Structure

However the module is created, it can always be attached at structure with a Rod Lock structural attachments including: Rod Lock Beam Clamp, Rod Lock Preset Anchors, Rod Lock Bar Joist Hanger, or Rod Lock Anchor Screw. The module needs to be prefabricated with threaded rod attached at the load. It is then easily transported to the installation location, lifted, and locked into place.





Rod Lock Beam Clamp



Our powerful portfolio of brands:

CADDY **ERICO HOFFMAN RAYCHEM SCHROFF TRACER** 

nproper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and/or death, and void your warranty.

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