

HVAC and Refrigeration Solutions

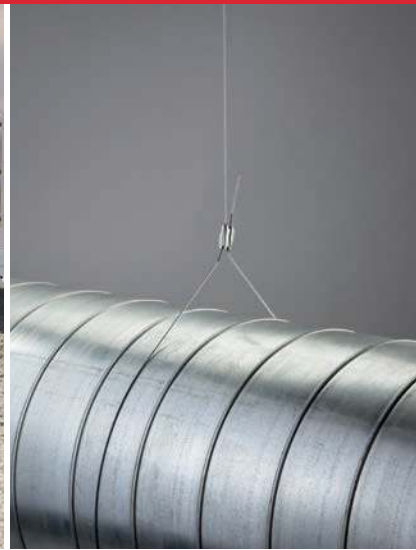






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See how easy it is to install our
nVent CADDY products.

Watch videos about our
Mechanical Fastening Solutions.



Built for Projects, Designed for People

FOUNDED IN THE USA, SUPPORTED WORLDWIDE



Founded in 1956
in Solon, Ohio

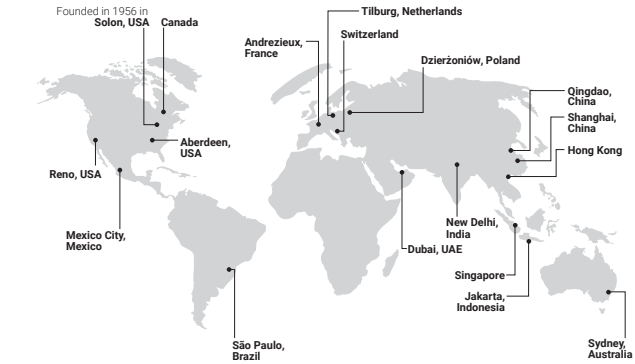
nVent CADDY was founded and is based in the United States, but has a wide global footprint with manufacturing plants throughout the United States, the Netherlands, France, and other regional hubs.

With a commitment to serving the customer with the best products on the market, the nVent CADDY team maintains visibility into the manufacturing process from start to finish.



THE BEST TRAINING FOR THE BEST PRODUCTS

nVent CADDY has opportunities for customers to participate in nVent CADDY School, a training session that takes place several times a year, walking users through product installation and benefits. nVent CADDY is also investing in the future by supporting new apprentices as well as those with many years in the field. The nVent CADDY team gets out of the office and into the field to do on-site training and demos for customers as well.



YOUR TEAM IS OUR TEAM

For decades, our product development team has worked with contractors on job sites to understand their challenges and frustrations. The team then applies these observations, developing solutions fitting contractor needs, including ways to reduce time, increase ease of and overall installation. Once a product is developed, the team validates it in the field with our customers. Over the years, nVent CADDY has created a unique relationship with our customers, even creating products named for our most loyal.

nVent CADDY application engineers and product developers spent over 330 days (and counting!) in the field identifying new ways to create efficiencies and end-user value.



Customer-Inspired Solutions



nVent CADDY's team of experts take the time to create solutions with the customer and their challenges in mind, as well as trends in the current market. Hours of research, product development and engineering goes into the nVent CADDY products customers know and love.

nVent CADDY products help customers solve problems by creating solutions for their biggest obstacles.



BUILDING CODE REQUIREMENTS



PROJECT CHALLENGES



ENVIRONMENTAL FACTORS



FIRE SAFETY



CRITICAL EQUIPMENT PROTECTION

nVent CADDY products solve for these challenges and more, while being engineered to be:



SAFE

Many injuries on the job site are the result of falls. nVent CADDY products are designed to move a significant amount of the work previously completed on lifts and ladders to ground level, greatly reducing the risk of injury. Tool-free components also limit the use of potentially dangerous power tools.



FAST

Every part of an nVent CADDY product is meticulously designed to reduce the amount of total installation time. This is done by making the product install quicker than its traditional counterpart, as well as creating products that make it easy to prefabricate complex assemblies on the ground or offsite. Limit rework after installation and meet jobsite deadlines using innovative nVent CADDY products.



EASY

nVent CADDY products are designed to incorporate features that make installation easier. nVent CADDY products are designed to have fewer parts, secure hardware and require fewer tools. The benefits of individual products are multiplied when used together as a full-system solution.

Offering products to fit most applications including:

**ELECTRICAL • DATACOM • FIRE SPRINKLER • MECHANICAL
HVAC • PLUMBING • ROOFTOP • SEISMIC BRACING**



HVAC and Refrigeration Solutions



From reliable environment control to proper air and fluid circulation, HVAC systems are critical to today's commercial and industrial buildings.

nVent CADDY is proud to support HVAC installers from end-to-end with our innovative solutions.

Whether you need to upgrade an existing installation or install comfort systems into new construction, nVent CADDY has the solutions to get the job done safer, faster and easier.

FEATURES:

- Quick and easy installation
- Lower total installed cost
- Solutions for wet and dry side specialties, including VRF applications
- Products compliant with SMACNA, ASCE and IMC standards

HVAC Industry Leadership

nVent CADDY is proud to support and contribute to the HVAC industry, ensuring a safe and compliant future for contractors and installers. nVent CADDY is affiliated with many leading industry organizations, contributing thought leadership, real-world engineering expertise and code and compliance insights.



Online Education, Keeping You Up-to-Date

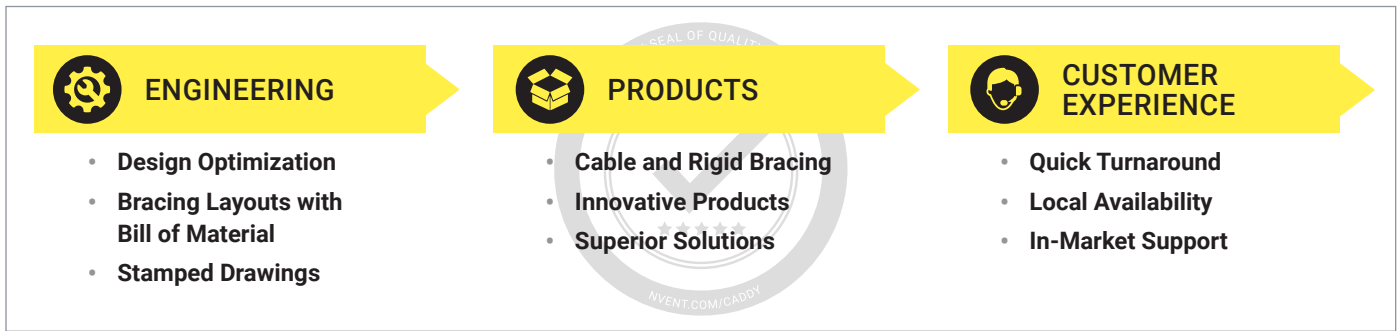
nVent CADDY is committed to industry leadership through video content and educational courses.

[Watch our HVAC product and install videos](#) | [Sign up for our online learning courses](#)



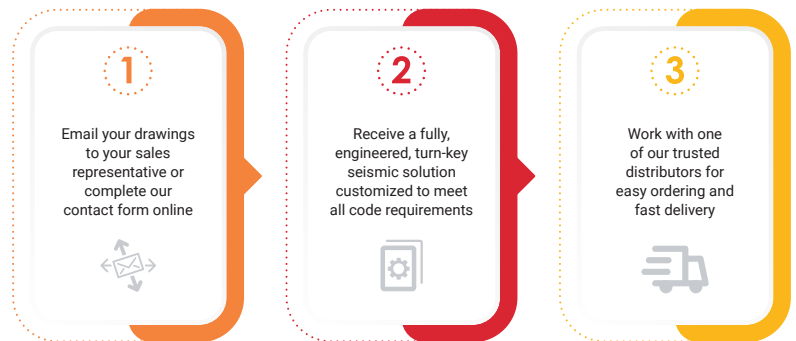


Engineering and Support – Seismic Bracing



The nVent CADDY team makes seismic simple by:

- Working with you to design a turn-key, fully engineered, complete bracing system that meets your needs
- Identifying the appropriate products from the broad offering
- Offering compatible fixing, fastening and support products
- Explaining installation techniques and tips to meet the evolving codes and standards requirements



From design to construction to inspection, we keep our process transparent to ensure a full understanding of the final bracing installation, whether it requires cable or rigid bracing solutions.

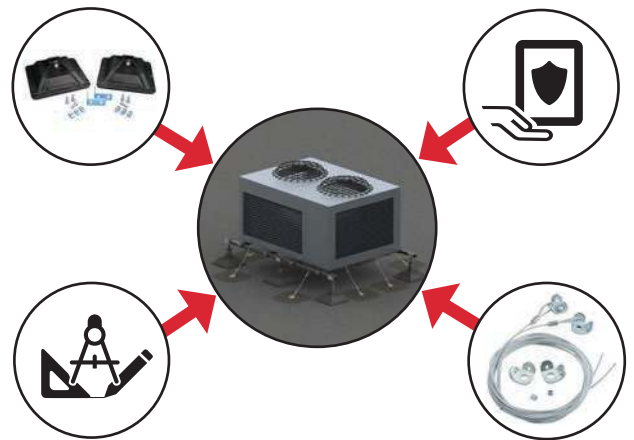
We make seismic simple.



Engineering and Support – Wind Anchoring

Wind anchoring meets ASCE 7 and IMC 301.15 standards. nVent CADDY makes rooftop anchoring simple – from engineering and system design, to premium components that are easy-to-use and install.

- Engineering services for design and layout support, with PE-stamped drawings for all 50 states
- Industry-leading rooftop supports for a full range of applications
- Stainless steel cable bracing kits and solutions that allow for design flexibility
- Anchors for any substrate that work seamlessly with your rooftop system and ensure your warranty is preserved





Vibration Isolation





Chillers, Refrigeration
and Air Handling Units

Pumps

Fans and
Equipment



Vibration Isolation

The Vibration Isolation range brought to you by nVent CADDY minimizes the transmission and minimizes the impact of unwanted vibrations from one component of a system to another. Using rubber pads, mechanical springs, and hangers, the Vibration Isolation series dampens mechanical waves to help maintain system integrity and performance.

Mounts are used to minimize vibrations produced by supported systems such as mechanical equipment, pumps, ductwork, piping, and in-line exhaust and cabinet fans.

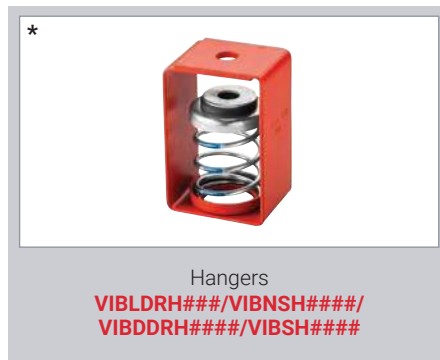
Hangers are used to support suspended objects or structural elements to effectively dampen potential vibration and noise transmission to a building structure.

Pads are designed to reduce noise, dampen vibrations, and stabilize equipment.



FEATURES:

- Designed for MEP equipment and systems
 - Dampens loud noise and excessive vibrations
 - Can be used to suspend or support
- Entire nVent CADDY Vibration Isolation line at your disposal, including supports and mounts, pads and hangers
- Can be used in commercial and industrial applications



* Products in grey are nVent CADDY innovative, time-saving solutions

Rooftop Solutions

nVent CADDY Pyramid rooftop supports are a surface mounted solution for supporting equipment and lines on a variety of roof surfaces. They offer superior load distribution and dramatically reduce installation time by replacing slow, heavy, and labor-intensive methods.

These supports are specifically designed for rooftop applications with UV stabilization for long service life and unique materials that protect roof membranes.

The nVent CADDY Pyramid Rooftop Anchor System helps ensure the safety and protection of your rooftop mechanical, electrical,

and HVAC equipment applications. The system fastens directly to the roof deck and secures equipment and systems in place.

FEATURES:

- Install on most any roof surface - single ply, bituminous, metal and spray foam
- UV stabilized for long lasting performance
- Anchor system requires minimal roof membrane penetration



* Products in grey are nVent CADDY innovative, time-saving solutions

Engineering and Design Services Available

nVent CADDY's engineering team can assist you with your next roof layout project.

Rooftop Solutions

The nVent CADDY Pyramid H-Frame Series Support System provides contractors with a safe, fast, and easy way to install ductwork, pipe, conduit, cable ladder and more. Superior load distribution and a low abrasion foam interface combine to ensure that the roof membrane is protected despite varying roof surfaces and shifting caused by expansion and contraction. Additionally, prefabricated Pyramid H-Frames help decrease project costs by reducing the time required to build the frames.



FEATURES

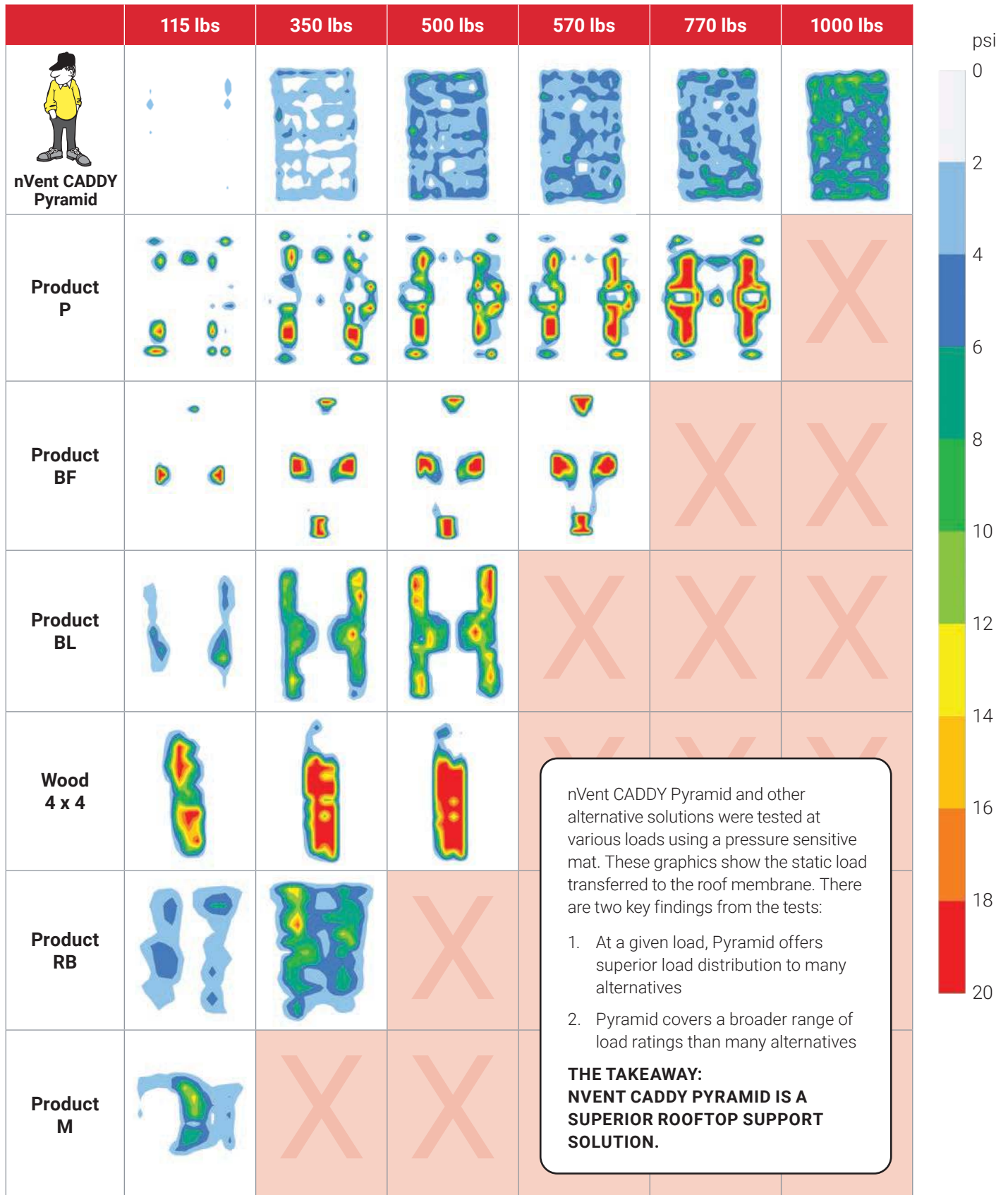
- Compatible with roof surfaces including single-ply, bituminous, metal and spray foam
- Hot-dip galvanized and UV stabilized for long-lasting performance
- Full hot dip galvanized construction for harsh environments, including strut and hardware
- Easily adjustable height using simple hand tools/impact wrench
- nVent CADDY PHK post bases are UV Stabilized for long-lasting performance and evenly distribute loads to avoid damaging roof membranes; maintaining manufacturer warranty
- Foam or rubber bottom offers low abrasion interface for superior roof membrane protection
- Full Design Engineering Services available - Custom Drawings, Layouts and PE Stamping Capabilities


You can now digitally configure a fully customized solution online with the nVent CADDY Pyramid Prefab H-Frame Configurator.

Scan the QR Code to find out more and request access.



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 Product does not support load ratings at this level



Seismic Bracing Solutions

Earthquakes and similar events pose a direct risk to the ongoing operations of government, businesses, and public infrastructure. To protect against these risks, building and industry codes include requirements for the design and installation of seismic bracing for non-structural components, such as HVAC, fire sprinkler, mechanical, electrical and plumbing systems.

The nVent CADDY Seismic Bracing System was developed to keep these critical building systems operational after a seismic event. Our personalized Engineering Services provide building owners and contractors with optimized design layouts and support throughout the job.

Rigid Bracing System



Did you know?

We also offer Vibration Isolation Solutions (such as Spring Hangers, Spring Mounts, Pads, and Expansion Joints)



STRUCTURAL & TRAPEZE ATTACHMENTS



PIPE ATTACHMENTS



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Seismic Bracing Solutions

Cable Bracing System



CABLE



Cable Spool
CSB12CBL



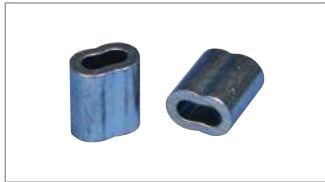
Cable Spool
CSB18CBL



Cable Spool
CSB36CBL

Stainless Steel cable, Prefabricated kits, and additional finishes also available

ATTACHMENTS AND ACCESSORIES



Crimping Sleeve
CSB##SLVB



*

No Pry Clip
CSBNPC##



Universal Restraint Clip
CSBURC##



*

Universal Restraint Clip, Retrofit
CSBURCR##

ROD STIFFENERS



*

Pipe Rod Stiffener
CSBRS1



Strut Rod Stiffener
CSBRS37EG



*

Quick Clip Rod Stiffener
CSBRS#

= multiple sizes available

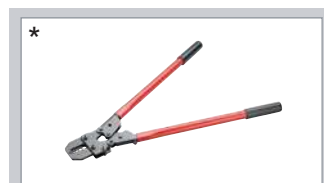
CUTTING AND SWAGING TOOLS



Cable Cutter



Manual Swaging Tool
CSB12SBHS



*

Multi-Size Manual Swaging Tool
CSB3346SB



*

Battery-Operated Swaging Tool
CSBB121836

Available for Size 12, 18, 36

Works with Brace Size 12

Works with Brace Size 12, 18, 36

* Products in grey are nVent CADDY innovative, time-saving solutions



Duct Hanging Solutions

Whether installing round or rectangular duct, nVent CADDY has installation and hanging methods that can make the job easier.

From traditional strap-based installation to innovative solutions that reduce time on site – such as flexibility to prefabricate some or all of the duct routing on the ground before raising it into place – nVent CADDY works with contractors and installers to make sure the products used will lead to a safer, faster and easier installation than alternatives.

Round Duct Hanging Solutions

Round ducts are increasingly seen as the most economical method for efficiently transporting air from today's high-pressure HVAC systems. With the nVent CADDY Speed Link system, long duct runs can be prefabricated with wire rope looped around the duct and held in place. Once on the jobsite, the assembly can be lifted and installed at structure with one of the end fittings attached to the wire rope.



Did you know?

Tool-Free Installation

- Push/pull keyless release requires no tools to secure the system

Highly Adjustable

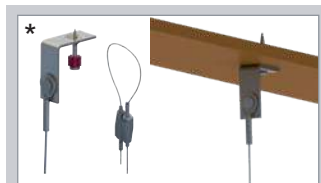
- Double-sided locking mechanism enables quick and simple height adjustment

Aesthetically Superior

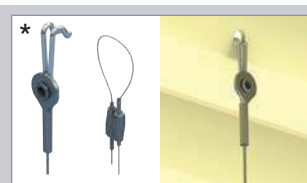
- Cable spread of 90 degrees allowing the device to be positioned closer to the load
- Low-profile locking device minimizes the visual impact



Speed Link SLK
with Angle Bracket
SLK##L##AB



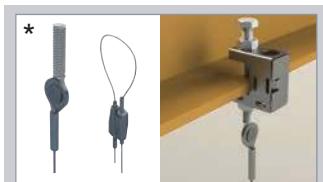
Speed Link SLK
with Shot-Fire Bracket
SLK##L##SF



Speed Link SLK
with Decking Hook
SLK##L##DH



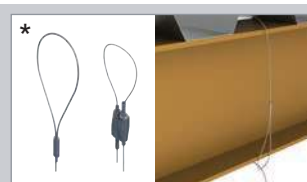
Speed Link SLK
With Hook
SLK##L#/SLK##L##R#



Speed Link SLK
with Threaded Stud End
SLK##L##SE###/SLK##L##SE###



Speed Link SLK
with Hammer-on Flange Clip
SLK##L34H##



Speed Link SLK
With Loop
SLK##L#LPR@/SLK##L#LP



Speed Link SLK
Spool Kit
SLK##L###PACK



Speed Link SLK
Locking Device
SLK#C###



Wire
Spool
SLC##L##MSP/SLC##L100SP



Wire
Rope Cutter
SLWC

* Products in grey are nVent CADDY innovative, time-saving solutions

Duct Hanging Solutions

Rectangular ducts remain a common solution when operating in tight spaces where height is a concern. Installers utilizing wire rope, have several options when installing rectangular duct.

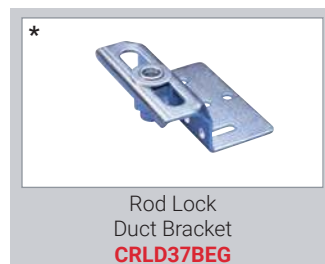
The nVent CADDY Speed Link PD Duct Bracket Kit is an ideal solution designed to be directly attached to the duct and hung with wire rope, using the nVent CADDY Speed Link SLS System within a few seconds.

It can be used with 2 and 3 mm wire to adapt to the needs of the installers. Its unique design prevents the wire rope from being in direct contact and from damaging the duct, making it an ideal HVAC solution.



Ducts can also be prefabricated with threaded rod in two ways: attaching directly to the duct or supporting the duct via a strut trapeze (see Trapeze Solutions page). In both scenarios, nVent CADDY Rod Lock “push-to-install” technology enables easy installation of preassembled components.

When attaching directly to the duct, installers can fasten nVent CADDY Rod Lock Duct Brackets into the side of ductwork. Threaded rods can be preinstalled at the structure, allowing the fabricated duct assemblies to be easily lifted and locked in place.





= multiple sizes available

BIM Resources Available

nVent CADDY has a BIM library available to you. Unlock the power of 3D modeling today.

Scan the QR Code to visit our BIM Library.



 nVent CADDY Rod Lock push-to-install technology simplifies duct prefabrication and improves profitability. Look for this icon to see which products have innovative nVent CADDY Rod Lock push-to-install technology.

* Products in grey are nVent CADDY innovative, time-saving solutions



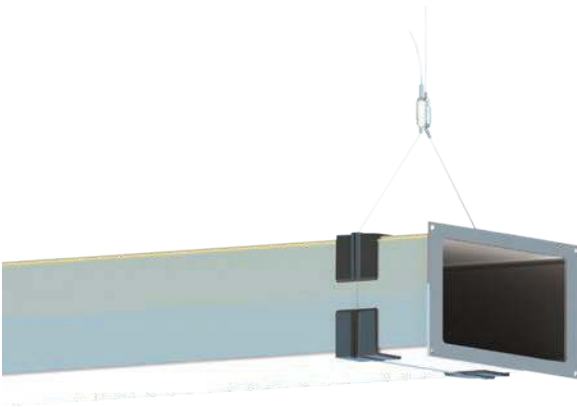
Duct Hanging Solutions



Did you know?

nVent CADDY Speed Link and Rod Lock solutions are ideal for prefabricating Fan Coil Units, VAV Systems, and Chill Beams

= multiple sizes available



Traditional Duct Hanging Solutions

For the more traditional strap hanging installations, nVent CADDY also offers several structural attachments that are safe, fast and easy.

Quickly attach to multiple surfaces including steel beams, concrete, and decking.



90° Strap Hanger with Flange Clip
MSR##



Inline Strap Hanger with Flange Clip
MSS##



* Products in grey are nVent CADDY innovative, time-saving solutions

Hanging Solutions

Traditional hangers have often been difficult to differentiate between brands, historically. Products on the market adequately hold pipe and other systems, but have not undergone any innovation in decades.

However, the nVent CADDY product development team is always working to make products faster, safer and easier to install.

Our family of products offers unique benefits to the installer, and together they are designed to be the most comprehensive, innovative offering on the market, lowering total installed cost.

SINGLE PIPE HANGING



Standard Duty
Loop Hanger
115####EG



Loop Hanger
for Copper Tube
101####CP



* Drop-in
Loop Hanger
DH####EG



Clevis Hanger
401####EG Std Duty
410####EG Lite Duty



Clevis Hanger
for Copper Tube
402####CP



* Heavy Duty
Trapeze Loop Hanger
100T####EG



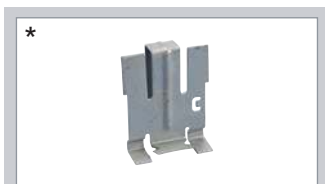
Split Ring Hangers
455#### PL & EG**
456####CP Copper



* SUPERFIX
Standard Duty
454###



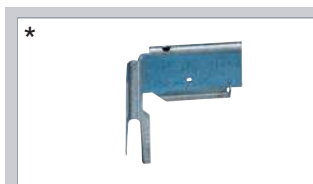
AIR DIFFUSERS



* Lay-in Support Clip,
Straight Lip
515



* Lay-in Support Clip,
Straight/Upturned Lip
515A / 515AWHA



* Seismic
Fixture Clamp
SLCLT###

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Trapeze Solutions



nVent CADDY has a solution no matter how you choose to manufacture and install trapeze runs. From traditional methods manufactured on site to our innovative push-to-install technology that simplifies prefabrication, nVent CADDY can help.

The focus on safe, fast and easy products from the experts at nVent CADDY helps enable you to be more profitable and optimizes success. If you see an opportunity to improve your process but cannot find the right product that will make it happen, contact your nVent CADDY Sales Representative for help in identifying the right solution.

Work Smarter and achieve peace of mind quickly with nVent CADDY.

Scan the QR Code to learn more.



STRUT SOLUTIONS



Strut Channel Type A
A12H1000PG



Rod Lock Strut Clip
CRLSC##



Telescoping Strut Replacement
TSR1220##

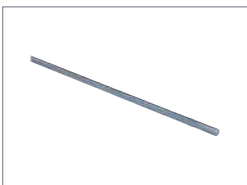


Rod Lock Prefabricated Strut Assembly



Strut End Cap
ADK421##

HANGING & HARDWARE SOLUTIONS



Threaded Rod
050###EG



Strut Nut with Spring, Channel Type A
SPRA###EG



Rod Lock Strut Nuts
CRLS37EG & #QCN



Speed Link Wire spool
SLC#L####SP



Speed Link SLS Locking Device
SLS#C50

PIPE TO STRUT SOLUTIONS



Universal Strut Clamp, for Copper Tube
USC###BR



Cushion Clamp, Insulated Strut Clamp
CCC###



Break-apart Strut Clamp, for Copper Tube
COPC####CP



Swift Clip Twist-in Strut Clamp
TSMI####



Swift Clip Twist-in Strut Clamp
TSM####

* Products in grey are nVent CADDY innovative, time-saving solutions




Trapeze Solutions



Retrofit installations and service contracts are valuable ongoing revenue streams. Retrofit and service solutions from nVent CADDY keep your service segment profitable through product innovation. nVent CADDY products are an ideal fit for service trucks that need to adapt to the situation when they arrive on a job. Our products make it quick and easy to add trapeze tiers or run new lines on existing installations and gets your service technicians off the job quicker, meaning more jobs completed and higher revenue.

Contact your nVent CADDY Business Development Manager to learn more about product solutions we offer for retrofit and service work.


SERVICE SOLUTIONS

* 

Swift Clip Threaded Rod Attachment
TRC###

* 

Telescoping Strut Replacement, Retrofit
TSR1220R

* 

Strut Trapeze Attachment Kit
ISSPK

* 

Retrofit Split Nuts
SN## & SNSW##



Did you know?

- 25 of the nVent CADDY Telescoping Strut Replacement, Retrofit in just one 12x14 inch box is equivalent to 40 feet of strut.
- Telescoping strut in combination with split nuts allows you to add a trapeze tier in under 1 minute.
- Carry a box in service trucks and always be prepared to add new levels on existing trapeze.

= multiple sizes available



nVent CADDY Rod Lock push-to-install technology simplifies duct prefabrication and improves profitability. Look for this icon to see which products have innovative nVent CADDY Rod Lock push-to-install technology.

* Products in grey are nVent CADDY innovative, time-saving solutions



Structural Attachment Solutions

Ideal for any type of substrate, nVent CADDY offers a comprehensive product lineup of structural attachments and fasteners that help ensure a time-saving installation.

Easily install your HVAC system components to beams, decks, walls, ceilings or any other structure with safe, fast and easy connections.



IBeam



Beam Concrete



Beam Wood



C Purlin



Z Purlin



Concrete Slab



Metal Decking Solution



Decking Concrete

IBEAM ATTACHMENT



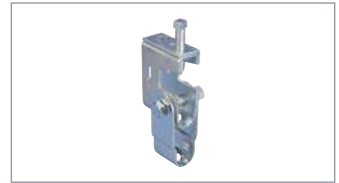
Stamped Beam Clamp,
Top Mount
SBC037



Universal
Beam Clamp
300####



Universal Beam Clamp,
Wide Mouth
310####



Beam Clamp
with BC15 Swivel
BC101500EG



Rod Lock
Beam Clamp
CRLB37EG



Hammer On
Rod to Flange
Clips



C-Clamp for
Strut and Rod
200RS###

SIDE / CENTER BEAM ATTACHMENT



Steel Side
Beam Attachment
325####



Malleable Iron Side
Beam Attachment
327####



Threaded Steel Side
Beam Attachment
328####



Threaded Steel Side
Beam Attachment
3290037EG



Steel Eye
Socket Rod Hanger
037####EG



Offset Steel Eye
Socket Rod Hanger
0380037EG



Rod Lock
L-Bracket
CRLL37EG



Adjustable Center-Load
Beam Clamp Kit
360####PL













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Structural Attachment Solutions

CEILING & WALL ATTACHMENT

<p>* </p> <p>HangerMate® Horizontal Mount Screw HMZH###</p>	<p>* </p> <p>HangerMate® Vertical Mount Screw HMZG###</p>	<p>*  </p> <p>Rod Lock Anchor Screw CRLA37EG</p>	<p>*  </p> <p>Rod Lock Plywood form Preset Anchor CRLW##EG</p>
<p></p> <p>Drop-in Anchors CA0037EG</p>	<p></p> <p>Wall or Ceiling Plates 365M#### 365####</p>	<p></p> <p>Standard Duty Welded Wall Bracket 352####PL</p>	<p></p> <p>Strut Cantilever Arm Type A, Slotted KA25H####EG</p>





DECK ATTACHMENT

<p>* </p> <p>Trapezoidal Deck Hanger TDH</p>	<p>* </p> <p>Cellular Floor Deck Hanger DH#TI</p>	<p>*  </p> <p>Rod Lock Metal Deck Preset Anchor CRLM##EG</p>	<p>* </p> <p>Rod Lock Metal Deck Preset Anchor Insert CRLMIP</p>
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PURLIN ATTACHMENT

<p>* </p> <p>Multi-Purpose Purlin Clamp PH#</p>	<p>* </p> <p>Multi-Purpose Purlin Clamp with Swivel PHSW#</p>	<p></p> <p>Malleable Iron Purlin Clamp 315####**</p>
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BAR JOIST ATTACHMENT

<p>* </p> <p>Truss-T Bar Joist Hanger, Bottom Chord CTH####TC</p>	<p>* </p> <p>Truss-T Bar Joist Hanger, Bottom Chord CTH####BC</p>	<p>*  </p> <p>Rod Lock Bar Joist Hanger CRLJ37EG</p>
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ACCESSORIES

<p>*  </p> <p>Rod Lock Couplers CRLC##</p>

* Products in grey are nVent CADDY innovative, time-saving solutions



Our powerful portfolio of brands:

CADDY ERICO HOFFMAN ILSCO SCHROFF TRACHTE