

# Lateral Telescoping Brace Assembly

## Data Solutions



### CERTIFICATIONS



### FEATURES

Complete, out of the box assembly is compatible with both steel (IPS) and CPVC piping

Telescoping brace member eliminates the need to cut pipe, minimizing waste and allowing one person to effectively complete the installation

Easy "push-to-install" nVent CADDY Rod Lock feature allows the V-bolt to assemble quickly, and helps eliminate the risk of compressing CPVC pipe

Length of telescoping lateral brace is fixed by installing the included self-drilling screw

Electrogalvanized coating throughout the entire assembly provides superior corrosion resistance, and eliminates the risk of exposing CPVC pipe to any harmful oils or residue

Designed to reduce the installation time of a complete brace by up to 80%

Design allows center loading of brace on the service pipe

Meets requirements of NFPA® 13

FM® Specification Tested

Certified chemically compatible with CPVC piping systems

Meets CEN/TS 17551:2021 requirements for Seismic Sway Bracing

## SPECIFICATIONS

**Finish:** Electrogalvanized

**Material:** Steel

Table 1/1

| Catalog Number | Article Number | Brace Length (L) | NB/DN    | Hole Size (HS) | Wrench Size |
|----------------|----------------|------------------|----------|----------------|-------------|
| CSBT1          | 404300         | 0.3 – 0.46m      | 25 – 100 | 12.7mm         | 5/16"       |
| CSBT2          | 404301         | 0.46 – 0.91m     | 25 – 100 | 12.7mm         | 5/16"       |

## ADDITIONAL PRODUCT DETAILS

UL Listed Load applies to Sch 40, Sch 10, Youngstown Tube Fire-Flo (1-1/2" to 4"), Bull Moose Eddy Flo (1-1/4" to 4"), and Wheatland Mega Flow (1-1/4" to 4") service pipes.

Wrench Size represents the hex size used to tighten the self-drilling screw.

FBC™ System Compatible indicates that this product has been tested, and is monitored on an ongoing basis, to assure its chemical compatibility with FlowGuard Gold®, BlazeMaster® and Corzan® piping systems and products made with TempRite® Technology. "The FBC System Compatible Logo, FBC™, FlowGuard Gold®, BlazeMaster®, Corzan®, and TempRite® are trademarks of Lubrizol Advanced Materials, Inc. or its affiliates.

Vertical Distance from Structure to Pipe Centerline Based on 45° Brace Angle

| Part Number | Pipe Size       |                   |                 |                 |
|-------------|-----------------|-------------------|-----------------|-----------------|
|             | 1"              | 2"                | 3"              | 4"              |
| CSBT1       | 25.4 cm - 33 cm | 25.4 cm - 33 cm   | 28 cm - 35.6 cm | 28 cm - 35.6 cm |
| CSBT2       | 30.5 cm - 56 cm | 30.5 cm - 58.4 cm | 33 cm - 58.4 cm | 33 cm - 61 cm   |

UL Lateral Loads (Listed for Sway Braces)

| Part Number    | Nominal Pipe Size | Sch 10/Sch 40 Service Pipe | Bull Moose Eddy-Flow Service Pipe | Wheatland Mega-Flow Service Pipe | Youngstown Tube Fire-Flo Service Pipe | CPVC Pipe |
|----------------|-------------------|----------------------------|-----------------------------------|----------------------------------|---------------------------------------|-----------|
| CSBT1<br>CSBT2 | 1"                | 3025 N                     | N/A                               | N/A                              | N/A                                   | 3025 N    |
|                | 1-1/4"            | 3025 N                     | 3025 N                            | 3025 N                           | N/A                                   | 3025 N    |
|                | 1-1/2"            | 3025 N                     | 3025 N                            | 3025 N                           | 3025 N                                | 3025 N    |
|                | 2"                | 3025 N                     | 3025 N                            | 3025 N                           | 3025 N                                | 3025 N    |
|                | 2-1/2"            | 3025 N                     | 3025 N                            | 3025 N                           | 3025 N                                | 3025 N    |
|                | 3"                | 3025 N                     | 3025 N                            | 3025 N                           | 3025 N                                | 3025 N    |
|                | 4"                | 3025 N                     | 3025 N                            | 3025 N                           | 3025 N                                | 3025 N    |

## DIAGRAMS

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## WARNING

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nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at [www.nvent.com](http://www.nvent.com) and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.



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