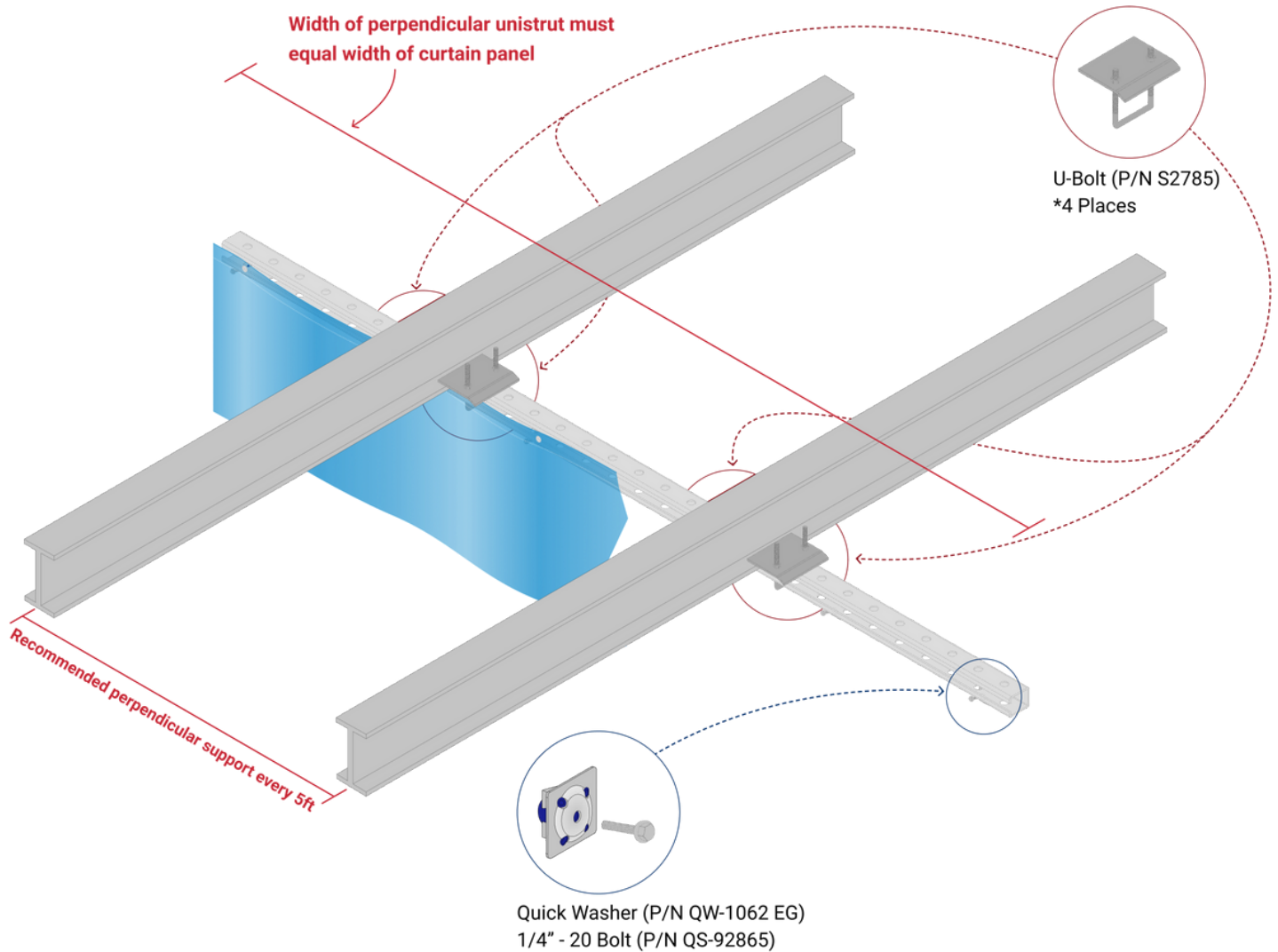**INSTALLATION INSTRUCTIONS**

Perpendicular

This mounting method is used when running a stationary curtain perpendicular to a buildings existing I-Beam or Truss structure. This method mounts a Unistrut across the perpendicular ceiling structure in order to provide a continuous mounting surface for the curtain. The perpendicular Unistrut should be supported every 5 feet.

Width of perpendicular unistrut must equal width of curtain panel

U-Bolt (P/N S2785)
*4 Places

Recommended perpendicular support every 5ft

Quick Washer (P/N QW-1062 EG)
1/4" - 20 Bolt (P/N QS-92865)

STEP 1 - Make sure you received all the parts you ordered

- Compare the parts that you received with the packing list.
- To visually identify the parts listed on your packing list, please consult the components list found in these installation instructions spanning the last three pages.

Perpendicular to Existing Structure
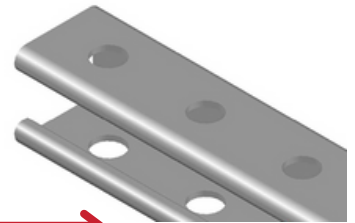
STEP 2 - A good time to check the height!

Important: The **top** of the Unistrut that **the curtain gets mounted to** must be installed at **_____ ft. _____ in. off of the floor.**

This dimension is also located atop your quotation. There will be a 1" gap between the bottom edge of the curtain and the floor. A floor sweep will cover the open space at the bottom of the curtain if it is included in your purchase.

STEP 3 - Mounting perpendicular Unistrut to the I-Beams/Trusses

Important strut position: Make sure the open side of the strut is facing sideways, **not** up or down, and faces outward of the enclosed space. This is the side that the curtain will be attached to. The front side of the curtain always faces outward.
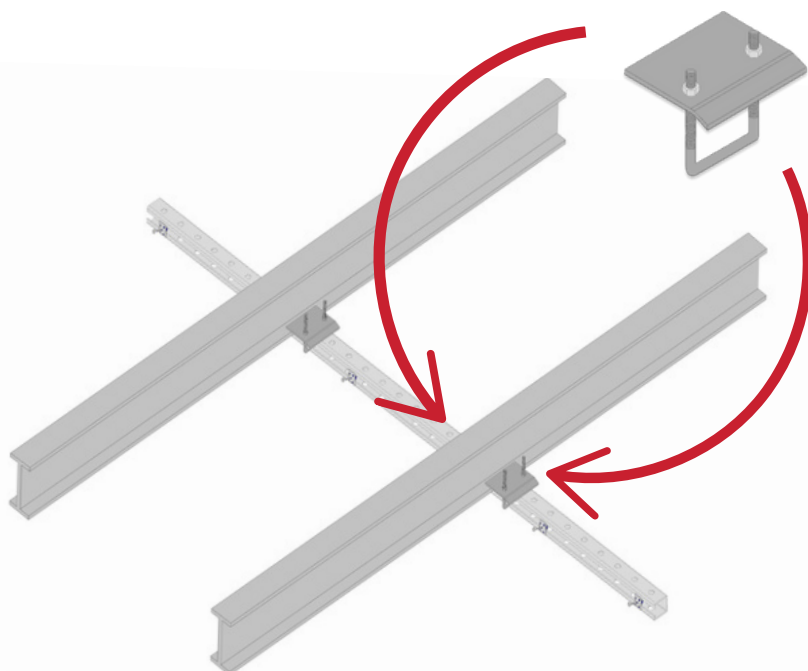
Front side open Unistrut side. The curtain will be attached to this side.

The assembled width of the Unistrut (S-1000H3) in the parallel run **must** be equal to the width of the curtain.

2 x per beam

Mount the first section of Unistrut across the I-Beams/Trusses at the beginning of the run. Use a U-Bolt beam connector (S2785) on each side of the I-Beam (2 – U-Bolt Connectors per I-Beam). Repeat this process for each Unistrut and I-Beam along the run. If required, cut the last Unistrut to size.
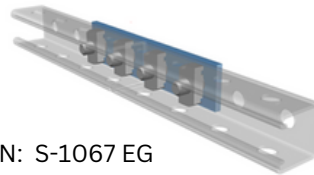
Perpendicular to Existing Structure

STEP 4 - Connect the perpendicular Unistrut to each other.

The Unistrut sections can be connected either as soon as you have two Unistrut's hung up, or in the end once all the Unistrut's are hung. At each Unistrut joint, use either a **straight plate connector (S-1067)** or a **Heavy duty Connector (S-1377 EG).** Four bolts and washers are provided for each connection.
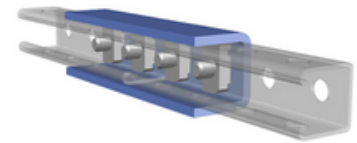
Depending on the overall weight of your curtain assembly, you will receive either the connector or the connecting plate.

Unistrut connecting plate
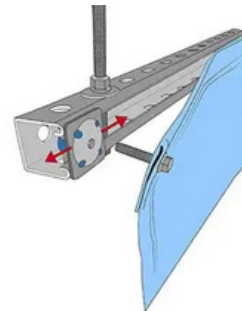
P/N: S-1067 EG

Unistrut connector

P/N: S1377 EG

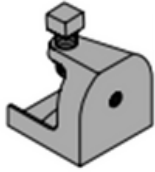**STEP 5 -** Attach the curtain to the perpendicular Unistrut run

The curtain is attached using **Quick Washers (QW-1062EG)** and a **Bolt (QS-92865).** You have the option to load the Quick Washers into the channel from either the side or the front. Most customers prefer loading the quick washers from the front and twisting them 90° (as indicated by the arrows on the QW) to ensure stability. Once in this position, they can easily be moved sideways within the channel to align with the grommet positions on your curtain.

To begin, line a vertical edge of the curtain with one end of the Unistrut. **Make sure** the **front side** of the curtain faces the outside of the enclosure. Insert a bolt through the grommet on the top edge of the curtain and thread it into the Quick Washer. Repeat this step for **each** grommet along the top of the curtain.

STEP 6 - Important: Secure all hardware connections by tightening all the nuts and bolts. This ensures a safe installation.

INSTALLATION INSTRUCTIONS

847-439-4565 | sales@amcraftonline.com | www.amcraftindustrialcurtainwall.com

AmCraft
MANUFACTURING, INC.

Components List:
Stationary Mount

1" Threaded Rod Clamp

P/N: THRCL

Quantity: _____

Side Bolt 3/8" - 16, 3/4" long
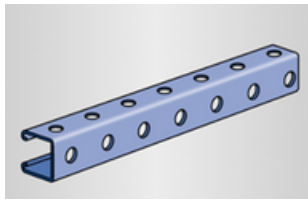
P/N: BLT

Quantity: _____

1/2" Beam Clamp

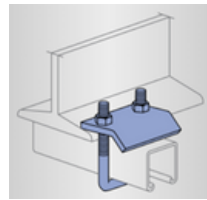P/N: BC-6H375

Quantity: _____

Unistrut holes on 3 sides

P/N: S-10003-length
Available 2' to 10'
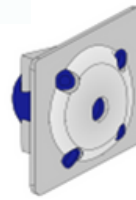9/16" dia.holes
1.7/8" on center

Quantity: _____

U-Bolt

P/N: S2785
incl. 2 nuts

Quantity: _____

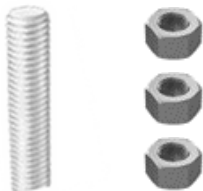### Quick Washer
1/4" x - 20 thread hole

P/N: QW-1062 EG

Quantity: _____

Side Bolt 1/4" - 20, 1.25" long

P/N: QS-92865

Quantity: _____

3/8" - 16 Threaded Rod Incl. 3 ea. Nuts

P/N: THR Length
Available in 2', 3', 4', 6'

Quantity: _____
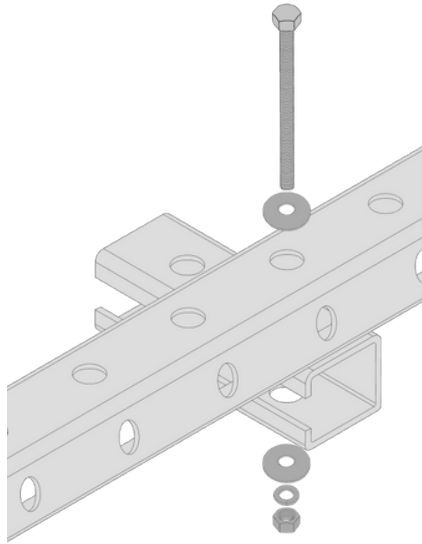
Threaded Rod Side Plate

P/N: STHRMP

Quantity: _____

11/16" Swivel Clamp

P/N: SLTHRCL

Quantity: _____

847-439-4565 | sales@amcraftonline.com | www.amcraftindustrialcurtainwall.com
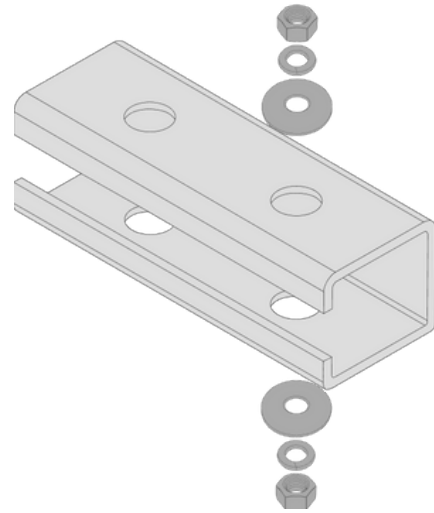
AmCraft
MANUFACTURING, INC.

Strut to strut connection Hardware package

P/N: S2S Includes: 1 each Bolt 3/8" - 16, 4" long
2 each washers
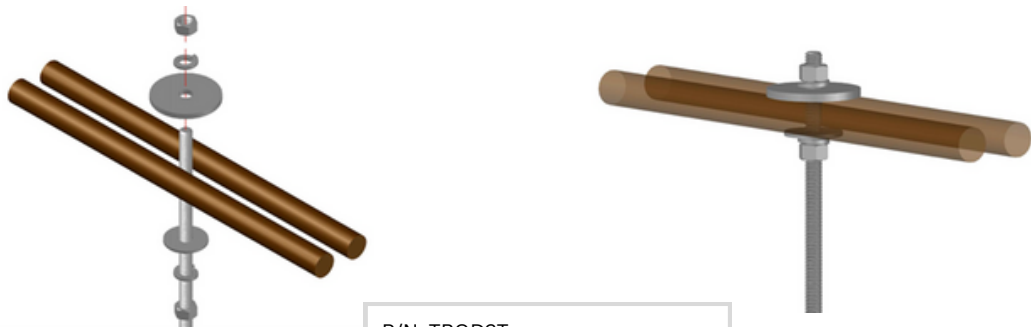1 each lock washer
1 each nut 3/8" - 16

Quantity: _____

Strut connection to Threaded Rod Hardware package

P/N: TROD2S Includes: 1 each washer
1 each lock washer
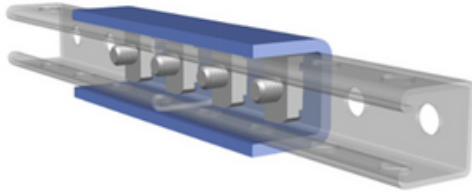1 each nut 3/8" - 16

Quantity: _____

Threaded Rod to Truss

P/N: TROD2T
Includes: 1 each big flange washer
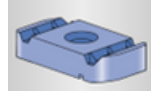1 each regular washer
2 each lock washers
2 each 3/4" - 16 nuts

Quantity: _____

Components List:
Stationary Mount

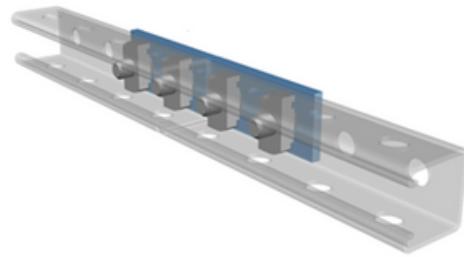### Unistrut connector

4 X

4 X

P/N: S1377 EG Includes : 4 each Bolt 1/2" - 13, 1.25" long
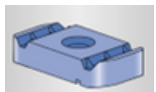4 each threaded nuts

Quantity: _____
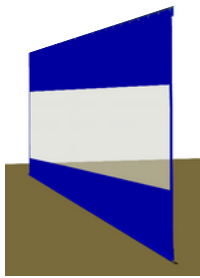
Unistrut connecting plate

4 X

4 X

P/N: S-1067 EG Includes : 4 each Bolt 1/2" - 13, 1.25" long
4 each threaded nuts
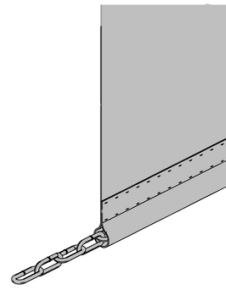
Quantity: _____

Curtain/Panels

Quantity: _____

Valance

Velcro attaches to the
side of the track

Quantity: _____

Chain Weighted Bottom

Sewn into the hem

Quantity: _____

Floor Sweep

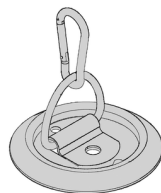Velcro attached to the
bottom hem

Quantity: _____

Wall Attachment Strip

Wall attachment
strip

Quantity: _____

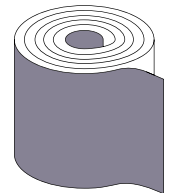### D-Ring

D-Ring with
Carabiner

Quantity: _____

Adhesive Velcro

Color - Black or White
1" or 2" wide

Quantity: _____

6" Wide Vinyl Tape

Color - Royal Blue, Gray,
Black, or White. Comes
on a roll or 4' long strips

Quantity: _____

847-439-4565 | sales@amcraftonline.com | www.amcraftindustrialcurtainwall.com