Versa Rack Assembly Instructions

READ INSTRUCTIONS BEFORE ASSEMBLING
a. OPEN END FRAME ASSEMBLY

END BRACE PLATES

REQ'D     HEIGHTS
2     5' THRU 9'
3     10' THRU 12'
4     13' THRU 16'

NOTE
Insert brace plate between flanges of the uprights and fasten as shown. Make certain slots in both uprights are facing in the same direction before bolting. (see slot below)
Make two end frame assemblies. Tighten screws securely.

SLOT TOP

#13160 SLOTTED TRUSS SCREW
#10-24 X 3/8"

#13061 #10-24 HEX NUT
(4 PER END BRACE)

FULL SCALE

b. BOTTOM BEAM INSTALLATION

NOTE
Start building the units by installing the first two beams at the bottom of end frame assemblies.

VG UPRIGHT

VERSA RACK BEAM
(VVR-B36, VVR-B42, OR VVR-B48)

#13037 DART CLIP
INSERT DART CLIP AFTER BEAM IS PUSHED INTO PLACE.
c. CLOSED END FRAME ASSEMBLY

1. END FRAME ASSEMBLY

**NOTE**

Insert end panels between flanges of the uprights. End panels will overlap in order to fit the height of the unit. Always overlap with the higher panel to the outside in a shingling effect. Be sure to bolt thru the overlap or overlaps on each upright. **Make certain slots in both uprights are facing in the same direction before bolting.** (See Slot Below)

[Diagram of end frame assembly]

Slot Top

Now install end caps at the bottom of uprights, if ordered. Then stand end frame on floor before tightening screws securely.

Two (2) end frames are required.

2. TOP AND BOTTOM BEAM ASSEMBLY

**NOTE**

Start building the unit by installing the bottom and the top beams to two end frame assemblies. The bottom beams will be installed approximately 1-1/2" high.

[Diagram of end frame assembly]
d. OPTIONAL SWAY BRACE INSTALLATION

On 10’ or taller use two (2) sway braces

<table>
<thead>
<tr>
<th>Brace Assemblies</th>
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<tbody>
<tr>
<td># 6416</td>
<td>36” Unit</td>
</tr>
<tr>
<td># 6419</td>
<td>42” Unit</td>
</tr>
<tr>
<td># 6417</td>
<td>48” Unit</td>
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ON NOTE
On back of unit — mark one (1) upright where you desire the shelves to be located. Then hook bottom ends of brace into slots at the same level of both rear uprights missing the slots marked for shelves. Repeat this hooking procedure with the top ends of brace. Braces are used with open style shelving to provide stability of the unit.

NOTE
When adding additional shelving units in a row, back sway braces are staggered on the end to end units for support.
NOTE
The bottom beams will be installed at 1 1/2” height.

If Shelf reinforcements are required — see reinforced shelf assembly instructions before proceeding.

e. TOP BEAM INSTALLATION

After installing the bottom beams the top beams should be installed next. To complete unit assembly install the remaining beams in the middle of the unit.
f. BACK TO BACK ASSEMBLY

NOTE
Back to back shelving assembly with top & bottom shelves only. Stand this partially assembled unit up against rear of completed unit and fasten the upright together, back to back with #10381 clamp (if ordered) as shown. Assemble remaining shelves in unit.

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# 10381 Common Upright Clamp Optional Accessory

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g. END TO END ASSEMBLY

NOTE
To add additional shelving units in a row, use the add-on unit. Connect add-on unit to the opposite side of the existing shelving uprights and repeat assembly.

ADD-ON UNIT
Although reinforcements are optional, when storing heavy loads, 3 per shelf are recommended on shelf depths of 24”, 30”, and 36”.

**SHELF REINFORCEMENTS**
- WR-R15
- WR-R18
- WVR-R24
- WR-R30
- WVR-R36
i. SHELF DECKING

PARTICLE BOARD DECKING

CORRUGATED STEEL DECKING

WIRE DECKING