



INSTALLATION INSTRUCTIONS

24" x 48" Panel Frame Kit

Please read entire instruction sheet before you begin.

Follow these instructions and recommendations to install panels within warranty, and to avoid product damage.

Suitable for pro builders and DIY crafters. Installation requires 2 people.

Illustrations not to scale. Black posts and channels rendered in gray.

PLEASE READ INSTRUCTIONS COMPLETELY BEFORE YOU BEGIN: We recommend following best building practices for installing OUTDECO USA Steel Posts and Frames with DESIGN-VU and MODINEX Decorative Panels in accordance with their intended purpose. Examples shown in this document are installation suggestions. Adjust installation configurations to meet your specific project requirements. If in doubt, consult a professional. We recommend checking with proper authorities about building codes/standards that may apply to your project. The OUTDECO USA Post & Frame System has a **5-Year Limited Warranty** for material integrity when installed per these instructions. Installers assume responsibility for the installation (See page 4).

System Components & Features

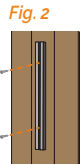
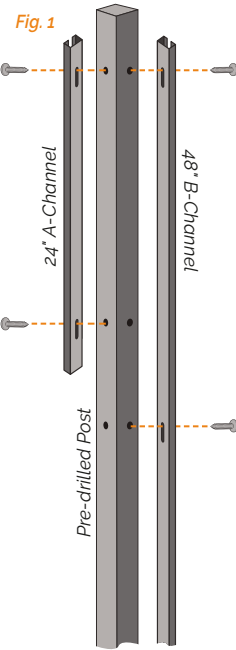
Frame Channels

- Channels assemble into a frame to hold 3 - 24" x 48" Panels
- Channel slots directly align with pre-drilled holes on OUTDECO USA posts (Fig. 1).
- Channel slots allow for 1" of vertical adjustment for uneven surfaces (Fig. 1).
- Channels also attach to existing walls, fences, and other flat surfaces (Fig. 2).

Posts (Sold separately.)

- Pre-drilled post holes and frame channels align for easy assembly with no measuring (Fig. 1).
- Posts are pre-drilled on 3 sides allowing for linear or corner installations (Fig. 3).
- See post instructions* for additional installation details.

* Instructions, post caps, and screws for both masonry and wood are included with posts (located inside the post).



WHAT'S IN THE BOX

QTY. ITEM

6	A-Channel - 24"
6	B-Channel - 48"
12	Corner - Poly Frame Corner Connectors
12	Pin - Panel Locking Pins
12	Channel Screws - #8 x 1" Phillips
6	Corner Locking Screws - #4 x 7/8" Phillips
1	Drill Bit - 1/8"

NOTE: Screws for both masonry and wood are included with posts.

WHAT YOU'LL NEED

See Shopping List below for panel and post needs.



** Block height: Horizontal Panels - 2"H (p. 2); Vertical Panels - 2 1/2"H (p. 4). Cardboard blocks are included, but wood blocks are recommended.

Plan Your Design & Fence Configuration

Read this entire section before planning your project.

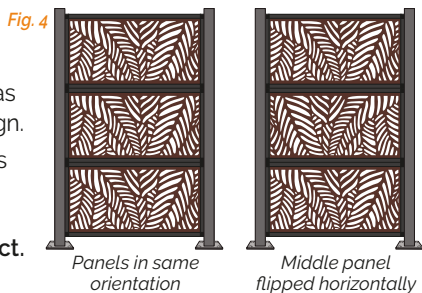
FENCE LOCATION - IMPORTANT!

Installing fencing under eaves, patio cover, pergola, etc., requires 2 1/2-to-3 feet of clear space above the posts in order to insert the panels. Without clear space, assemble kits and insert panels lying on a flat surface. (Instructions on p. 2)

PATTERN ORIENTATION

Rotate or flip panels to create unique patterns (Fig. 4). Check for pattern repeats and flows as you plan your design. Lay out your panels in position on a flat surface before starting your project.

Panel Orientation Examples



FENCE CONFIGURATIONS & SHOPPING LIST

1 Panel Frame Kit - 3 Stacked Horizontal Panels (page 2)

- 3 - 24" x 48" Design-Vu or Modinex Decorative Panels
- Posts* (sold separately):
 - 2 - 75" Posts for 1st Fence Kit (Fig. 5)
 - 1 additional Post for each Frame Kit added to fence (Fig. 6)



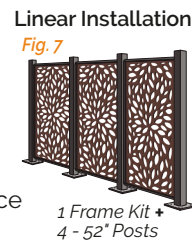
1 Frame Kit + 2 - 75" Posts



2 Frame Kits + 1 add'l 75" Post

1 Panel Frame Kit - 3 Vertical Panels (page 4)

- 3 - 24" x 48" Design-Vu or Modinex Decorative Panels
- Posts* (sold separately):
 - 4 - 52" Posts for 1st Fence Kit (Figs. 7 & 8)
 - 3 additional 52" Posts for each Frame Kit added to fence



1 Frame Kit + 4 - 52" Posts



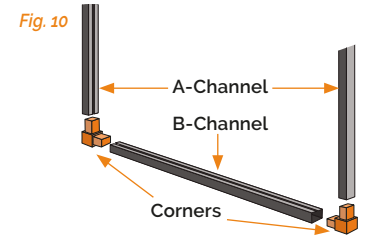
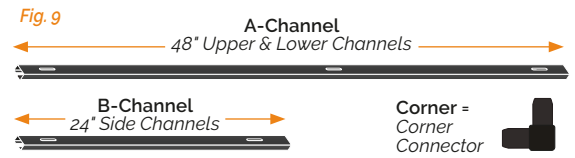
1 Frame Kit + 4 - 52" Posts

Illustrations not to scale. Black posts and channels rendered in gray.

48" x 24" Horizontal Panel Fencing

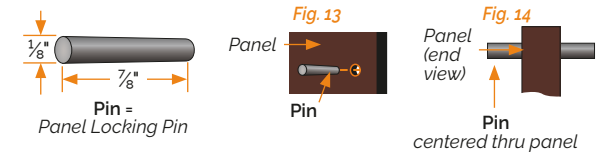
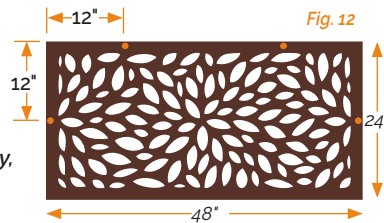
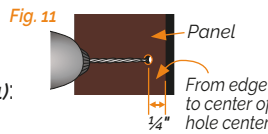
1. Assemble Frames – Side & Lower Channels

- Before assembling frames, identify frame channels (Fig. 9):
 - A-Channel = 24" side channels
 - B-Channel = 48" upper & lower channels
- Assemble All 3 Frames
 - Set 2 A-Channels facing each other and insert Corners (Figs. 9 & 10) into the lower end of each one. Then connect to each end of 1 B-Channel (Fig. 10). Tap Corners gently with a rubber mallet. **Do not add upper B-Channel yet.**

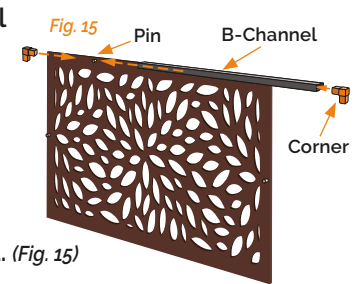


2. Prepare Panels

- Using the included drill bit, drill 4 holes through panels at 1/4" in from the edges (Fig. 11):
 - 2 holes on 48" length at 12" in from outer edges (Fig. 12)
 - 1 hole on each 24" length at 12" down from upper edge (Fig. 12).
- IMPORTANT!** Drill-hole center placement must be accurate for pins to fit into channels. If you drill your hole inaccurately, drill a new hole 1 inch farther up (on side) or farther in (on upper edge).

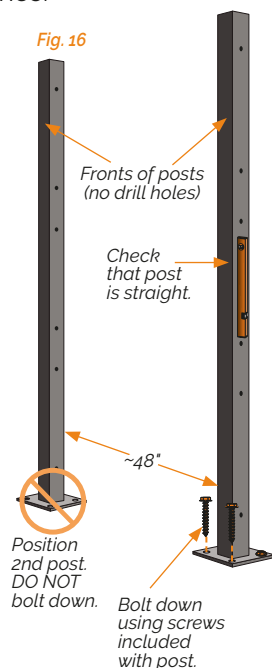


- Slide 1 B-Channel onto upper edge of each panel, with Pins inside channel (Fig. 15).
- Insert Corners into both ends of upper B-Channel. (Fig. 15)



3. Install 1st Post

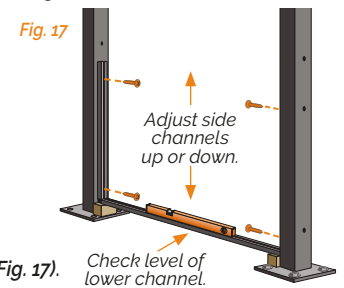
- Insert Post Caps on top of posts (included with posts).
- Posts are drilled on 3 sides. Position the undrilled side as the front of your fence.
- Install 1st Post only to concrete or wood surface. Check that post is straight and bolt down with the 4 post screws* (included with post) (Fig. 16).
- Position 2nd post approx. 48" from 1st post. **Do not attach to surface** (Fig. 16).
- For 96" In-Ground Post installations, see post installation instructions.



PRO TIP
If needed, add shims under post plate to level.

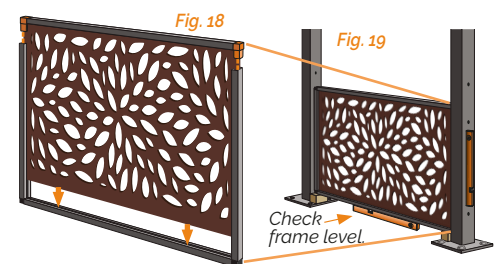
4. Attach 1st Frame to Posts

- Using an impact driver, loosely drive a Channel Screw through A-Channel upper slots into both posts (Fig. 17).
 - Position approx. 2" H blocks* under frame corners to support the panel's weight during installation.
 - Add screws through lower slots (Fig. 17). **Do not tighten screws.**
 - Check level on lower B-Channel and adjust A-Channels vertically (max. 1") to compensate for uneven surfaces (Fig. 17).
 - Drive in screws securely. **Do not overtighten screws.**
- * Cardboard blocks are included, but wood blocks are recommended.



5. Insert 1st Panel

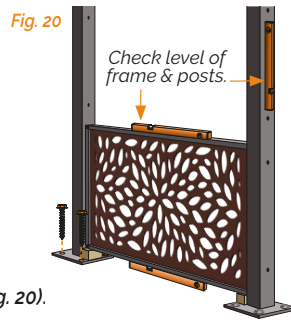
- Slide panel (with B-Channel attached) into A-Channels, keeping pins inside channels, and seat panel securely into lower B-Channel (Figs. 18 & 19).
- Gently tap upper Corners into side A-Channels with a rubber mallet.



Illustrations not to scale. Black posts and channels rendered in gray.

6. Install 2nd Post

- Width of installed frame determines spacing for the 2nd post.
- Check that channels and posts are level to finalize accurate post placement.
- Bolt down with 4 post screws (Fig. 20).



7. Install 2nd & 3rd Frames & Panels

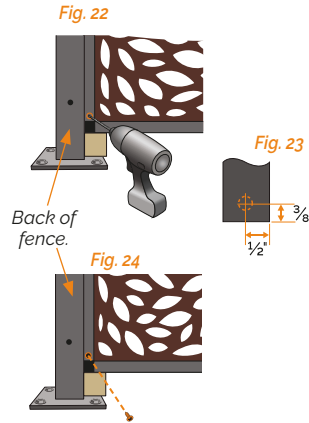
- Repeat **Step 4** on page 2, positioning each frame flush with the frame below it (Fig. 21).
- Repeat **Step 5** on page 2 to insert panels.



8. Secure Lower Frame

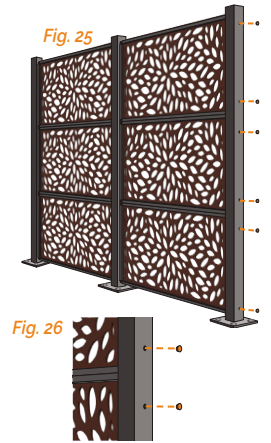
On Back of Fence, Lower Frame Only:

- Using included drill bit, drill a hole through the back of **both A-Channels** at the bottom (Fig. 22).
- Center the hole $\frac{1}{2}$ " in from sides and $\frac{3}{8}$ " up from bottom (Fig. 23). **Do not drill through channel front.**
- Drive **1 Corner Locking Screw** through your drill hole into each lower **Corner** (Fig. 24).
- Remove support blocks.



9. Finish Fencing

- For additional linear or corner installations, repeat all steps, attaching channels to previous posts (Fig. 25).
- Once fence is finished, insert **Post-Hole Plugs** (included with posts) into unused post holes to help prevent water leaking into posts (Figs. 25 & 26).



48" x 24" Horizontal Panel Fencing – Assembled Lying on a Flat Surface

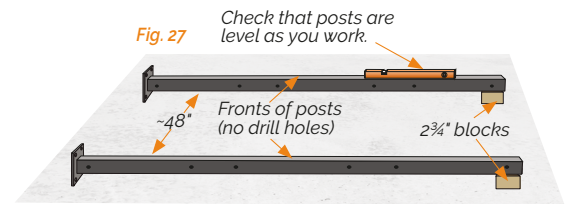
Use this method for installing fencing in a location without 2½-to-3 feet of clear space above the posts for inserting the panels (under eaves, patio cover, pergola, etc.).

1-2. Assemble Frames & Prepare Panels

- Start at **bottom of page 1** to plan. Then, follow **Steps 1 & 2** on page 2 to assemble frames and prepare panels.

3. Position Posts

- Insert **Post Caps** on top of posts (included with posts).
- Posts are drilled on 3 sides. Position undrilled side as the front of your fence.
- Lay 2 posts approx. 48" apart on a flat surface. Adding 2¾" blocks under posts can be helpful (Fig. 27).



4, 5, & 7. Install Frames & Panels

- Follow **Steps 4, 5** on page 2 & **Step 7** on page 3 (Skip Step 6) to install frames and panels. Carefully level posts and channels.

7a. Install Posts

- With a helper, stand posts and frame upright. **Be very careful not to bend frame channels.**
- Width of the installed frames determines spacing for posts.
- Level channels and posts to ensure accurate post placement.
- Bolt down each post with 4 post screws* (Fig. 28).

*Screws for both masonry and wood are included with posts.



8. Secure Lower Frame

- Follow **Step 8** to secure the lower frame.

9. Finish Fencing

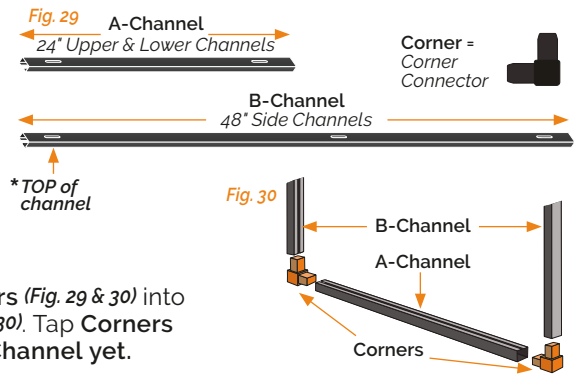
- Follow **Step 9** to extend your fence and add **Post Hole Plugs**.

24" x 48" Vertical Panel Fencing

Illustrations not to scale. Black posts and channels rendered in gray.

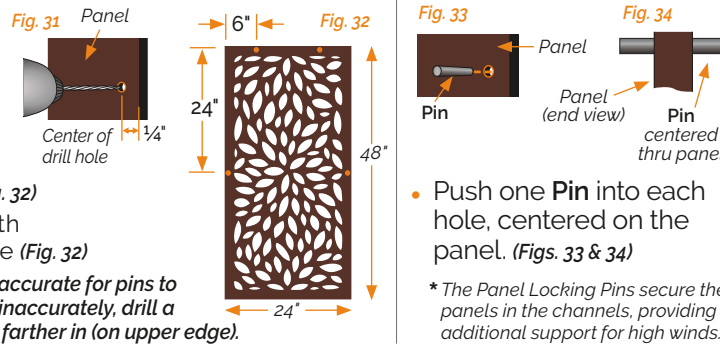
1. Assemble Frames – Side & Lower Channels

- Before assembling frames, identify frame channels (Fig. 29):
 - A-Channel = 24" upper & lower channels
 - B-Channel = 48" side channels (Locate TOPs of channels*)
- Assemble all 3 frames
 - Set 2 B-Channels facing each other with TOP ends together. Insert Corners (Fig. 29 & 30) into the lower end of each one. Then connect to each end of 1 A-Channel (Fig. 30). Tap Corners gently with a rubber mallet. Repeat for each frame. **Do not add upper B-Channel yet.**

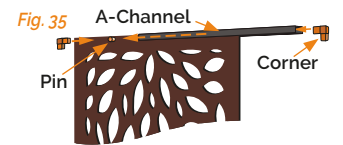


2. Prepare Panels

- Using included drill bit, drill 4 holes through panels at 1/4" in from panel edges (Fig. 31).
 - Drill 2 holes on 24" length at 6" in from outer edges (Fig. 32)
 - Drill 1 hole on each 48" length at 24" down from upper edge (Fig. 32)
- Drill-hole-center placement must be accurate for pins to fit into channels. If you drill your hole inaccurately, drill a new hole 1 inch farther up (on side) or farther in (on upper edge).*



- Slide 1 A-Channel onto top of panel, with Pins inside channel. (Fig. 35)
- Insert Corners into each end (Fig. 35). Tap in gently with rubber mallet.

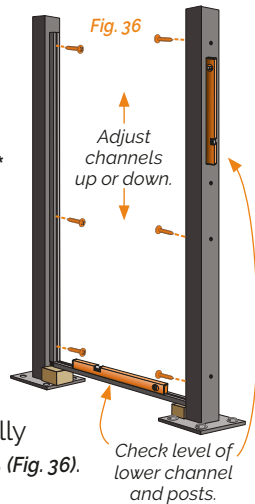


3. Install 1st Post

- See Step 3 on page 2. For last item listed, position 2nd post approx. 24" from 1st post.

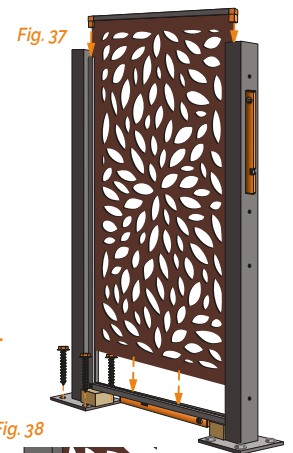
4. Attach Frame to Posts

- Using an impact driver, loosely drive a Channel Screw through B-Channel upper slots into both posts.
 - Position approx. 2 1/2"H blocks* under frame corners to support the panel's weight during installation.
 - Add screws to all other slots (Fig. 36). **Do not tighten screws.**
 - Level lower channel. Adjust side channels vertically (max. 1") for uneven surfaces (Fig. 36). Check level of lower channel and posts.
 - Drive in screws securely. **Do not overtighten screws.**
- *Cardboard blocks are included, but wood blocks are recommended.



5. Insert Panel & Attach 2nd Post

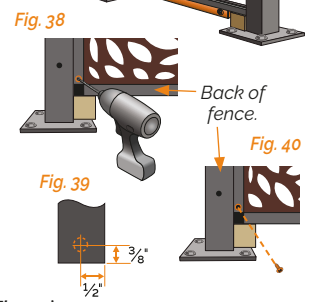
- Slide panel (with A-Channel attached) into B-Channels. Keep pins inside channels, and seat panel securely into lower A-Channel (Fig. 37).
- Gently tap upper Corners into B-Channels with rubber mallet.
- Level channels and posts to ensure accurate post placement. Bolt down with 4 post screws. (Fig. 37).



6. Secure Lower Frame

On the Back of the Fence:

- Using included drill bit, drill a hole into the back of both A-Channels at the bottom (Fig. 38).
- Center the hole 1/2" in from sides and 3/8" up from bottom (Fig. 39). **Do not drill through channel front.**
- Drive 1 Corner Locking Screw through drill hole into lower Corners (Fig. 40).



7. Finish Fencing

- Repeat Step 4 to add the other 2 frames and panels in linear (Fig. 42) or corner (Fig. 43) configurations, attaching channels to installed posts. Continue with Steps 5 & 6.
- Once fence is finished, insert Post-Hole Plugs (included with posts) into unused holes to help prevent water leaking into posts (Figs. 41 & 42).

