



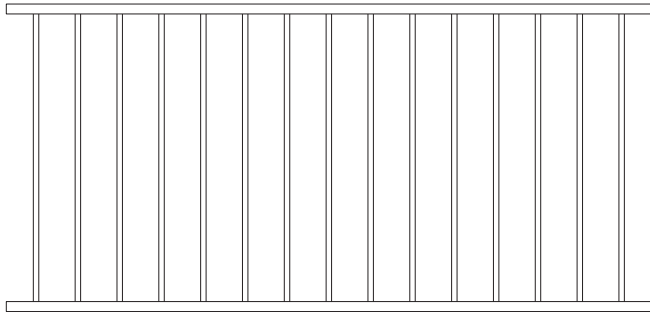
NUVO IRON

INSTALLATION INSTRUCTIONS

Ready Rail Steel Railing

PARTS:

A RAILING PANEL (1)



TWO SIZES AVAILABLE:

34" HIGH STEEL RAILING PANEL (**DSR3470-DB**)
DESIGNED FOR A 36" HIGH FINISH RAILING

40" HIGH STEEL RAILING PANEL (**DSR4070-DB**)
DESIGNED FOR A 42" HIGH FINISH RAILING

(4) MOUNTING BRACKETS & HARDWARE

*PARTS SOLD SEPARATELY:

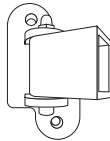


TWO POST SIZES AVAILABLE

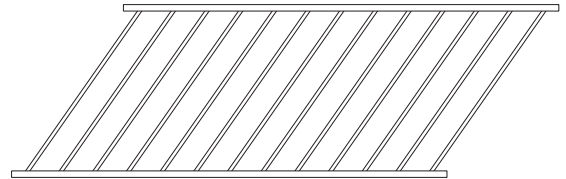
2" x 2" x 44"
STEEL RAILING STAIR POST
(**DSRP2244-B**)

2" x 2" x 38"
STEEL RAILING STAIR POST
(**DSRP2238-B**)

ANGLED BRACKET (**DSRSB-B**)



STAIR PANEL (**DSR3470-STB**)



TOOLS REQUIRED:

- Drill
- Socket
- Measuring tape
- Level

FOR A SUCCESSFUL INSTALLATION:

- Read the instructions completely before beginning the installation.
- Plan your railing project.
- Check local building codes to ensure compliance.
- Check carton(s) to determine part count is complete.
- Installation is best accomplished with two people.
- Wear personal protection equipment; safety glasses, etc.
- Use care not to over-torque the screws.
- If installing to other surfaces the installer must acquire the appropriate hardware as needed for proper installation on any other type of surfaces.

INSTALLATION INSTRUCTIONS:

Planning Your Project

Begin by mapping out your chosen area for installation.
Ensure that you purchase one additional post than the number of sections needed.

1. Set your posts 72 inches apart. If your railing needs to be shorter to fit a specific space, adjust the placement of the posts accordingly (Fig. 1).

Ensure that the posts are level.

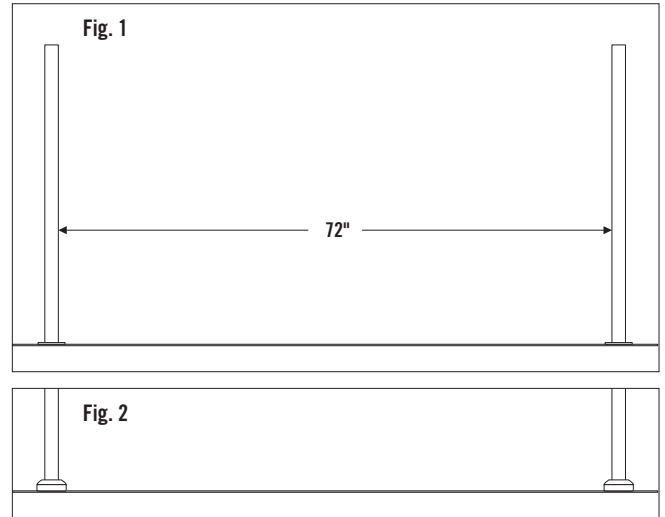
Place post base covers on each post (Fig 2).

If planning your widths, the included hardware does not add any additional width between the section.

The installer must acquire the appropriate mounting fasteners for the surface material on which the rail post is being mounted. Fasteners should not exceed 5/16" in diameter. If necessary, use wood blocking between the floor joists as reinforcement underneath the decking where the posts are located.

Always check with your local building department for the preferred fastening/blocking method. Engineered drawings for post fastening/blocking are also available at www.nuvoiron.com/aluminumrailingkits. Post mounting fasteners should be able to secure into joists or blocking, not just the decking itself.

When installing rail post(s) on top of decking, screws must be lagged into wood blocking.



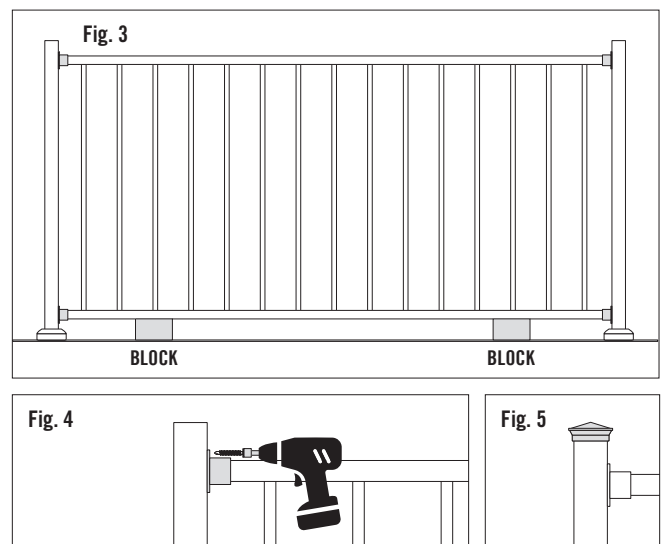
2. Slide your mounting brackets on the top and bottom rail (Fig. 3).

Position the railing on two 2-inch blocks and align it with the center of the posts (Fig. 3).

Use the provided self-tapping screws to attach the brackets to the posts (Fig. 4).

Pre-drilling is not required for this step, however, if you would like to; use a 1/8" inch drill bit.

Place post caps on posts once completed (Fig. 5).



For cut sections:

If a section of the railing needs to be trimmed, first measure the distance between the posts to determine the required length. Subtract this measurement from the total length of the railing section to calculate the amount that needs to be cut. Aim to center your cuts between pickets as precisely as possible. This positioning is crucial for properly fitting the brackets onto the rail.

If a cut panel is used, make sure to do the following:

- 1) Sand down all cut ends.
- 2) Clear all metal shavings from rail and surrounding area.
- 3) Apply touch up paint to cut edges using a piece of cardboard to protect from overspray.
- 4) Allow time before install to let paint dry.

SIDE TO SIDE SWIVEL BRACKET FOR ANGLED SECTIONS:**(4) Mounting Brackets and Hardware**

When planning the distance between your posts for angled sections, add 1" to each side that requires side-to-side brackets to account for the hardware.

Example: If you have angled brackets on both sides, add a total of 2" between posts.

Complete **Step 1** for post installation, then follow the remainder of the instructions for installing a level rail.

