NUVO IRON

Self-Closing Iron Gates
2 x 2 Post Installation

PARTS INCLUDED:

A GATE (1)
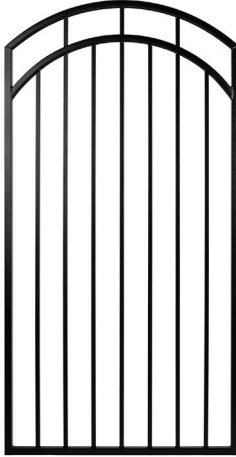
D HANDLE (1)
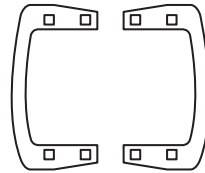
E SELF-CLOSING GATE HINGES WITH NUTS AND BOLTS (2)
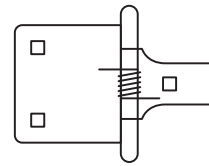
F LATCH & CATCH WITH HARDWARE (1)

CATCH

LATCH FINGER

D1 (4)

E1 (2)

F1 (1)

E2 (4)
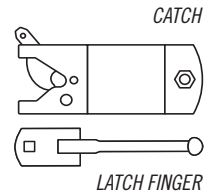
F2 (1)

TOOLS REQUIRED:

• Socket wrench
• 13mm (1/2") socket
• Drill
• Measuring tape
• Level
• Pencil

FOR A SUCCESSFUL INSTALLATION:

• Read the instructions completely before beginning the installation.
• Plan your 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. If you are attaching your gate to an existing post, pillar, or wall structure, ensure the correct fasteners are used for the material it's being attached to. Always ensure the structure is in good condition and capable of supporting the weight of the gate, and that the fasteners you use are suitable for bearing the gate's weight.

SLOPE & TERRAIN CONSIDERATION

For sloped terrain, dry-fit the gate using temporary blocks or supports before securing the hinges. This allows you to preview the swing path and verify that your bottom gap remains even and functional.
Ensure at least ½" clearance on both sides of the gate frame to allow for smooth operation and to prevent binding.
Before finalizing installation, confirm that there are no obstructions in the gate's swing path.

IMPORTANT:

Nuvo Iron™, its advertising agency and delegates have made every effort to ensure the accuracy of all measurements and other details in these instructions and we anticipate no problems to arise. However, we cannot be responsible for errors beyond that effort. Therefore, always double-check details before beginning your project. Nuvo Iron™, its advertising agency and delegates shall not be held responsible for injury, damage or any other loss, however caused, resulting from the information contained in these instructions.

2 x 2 POST INSTALLATION

Before you begin, determine the configuration that works best for your project.
Including, which side the latch will be on, and if the gate will swing inward or outward.

1. **Attaching the Hinge Collars**

   Flex open the C-shaped top hinge collar (E) and position it around the gate frame (A) at the desired location. Alternatively, you may rest the bracket securely beneath the lowest support of the top rail.

   Insert the provided nut and bolt (E1). Use a 13mm socket to tighten the gate to the hinge collar.

   Ensure the hinge collar is snug against the gate frame before fully tightening the bolt (E1).

   Repeat this process for the bottom hinge collar.

   Pro Tip: Ensure the brackets are evenly spaced from both the top and bottom rails – this not only improves the overall look of your gate, but also ensures proper gate balance and smoother swinging performance.
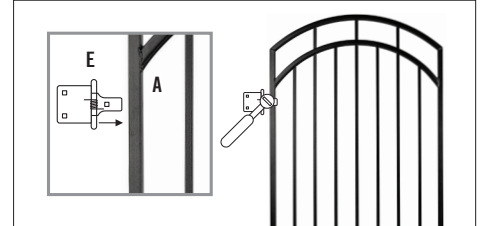
2. **Positioning the Gate for Installation**

   Use scrap wood or any solid material to rest the frame on during installation to achieve your desired bottom gap. We suggest leaving approximately 2" of clearance; however, note that the slope of your terrain may require additional space. In areas prone to occasional snow or sand accumulation, wider gaps are recommended to ensure gates swing freely without obstruction.

   Align the gate to your post and slide the gate (A) and hinges (E) onto the post with the hinge pin facing you (Fig. 1). Depending on your desired configuration, ensure the gate is flush with either the front or back of the post (Fig. 2).
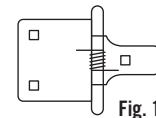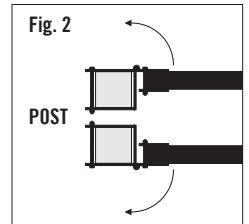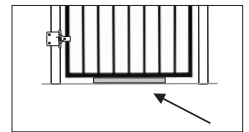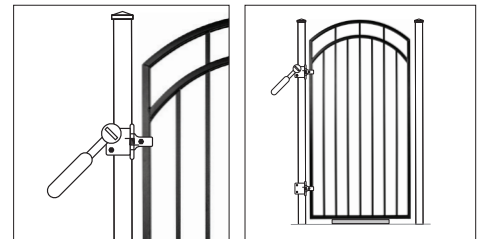
   Fig. 1

   Fig. 2

   POST

3. Once you have achieved your desired height, tighten the two bolts (E2) on the outside of the hinge.

   Repeat this process for both brackets (E).

   Leveling Instructions:
   Use a level to check the vertical frame of the gate, ensuring it's properly aligned. Then, place the level along a straight horizontal rail of the gate frame to confirm it's level horizontally.
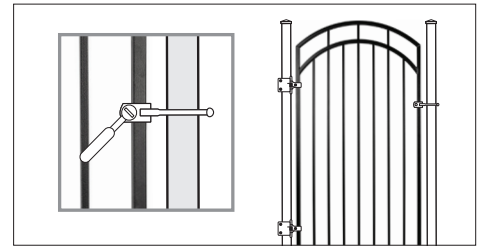
4. Attach the latch (F) to the gate frame where desired using the provided nut and bolt (F1).

    Be sure to account for the length of the handle (D) when determining latch (F) placement – this may require positioning the latch (F) slightly higher than initially planned. For comfortable access and to meet typical building code standards, gate latch height should generally fall between 34–48 inches (865–1220 mm) above ground level.

5. First, attach the catch (F) to the latch finger (F) while the gate (A) is in the closed position to ensure proper alignment. Then, position the catch (F) attaching it around the post where it naturally sits.

    Fasten the catch securely using the provided nut and bolt (F2).

    Ensure the latch operates smoothly without catching or misalignment, as this could prevent proper self-latching and interfere with padlock functionality.
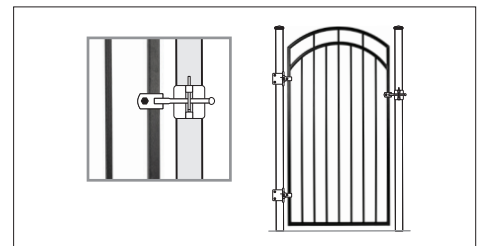

6. ***Optional – Attaching the two-sided handle:***

    If installing the included double-sided handle (D), position it on the gate frame below the latch (F). Determine the best placement on the side rail, allowing for comfortable use and alignment with the latch (F).

    Connect both halves by inserting one side into the other, then secure firmly using the provided nuts and bolts (D1). Ensure the handle is tightened evenly on both sides for a secure, clean finish.

    Need to join two gates together?

    Our Double Gate Kit makes it easy-converting two single gates into one seamless, secure system. Check out our website to learn more, or see item DGKTXB for black gates or DGKGW for white.

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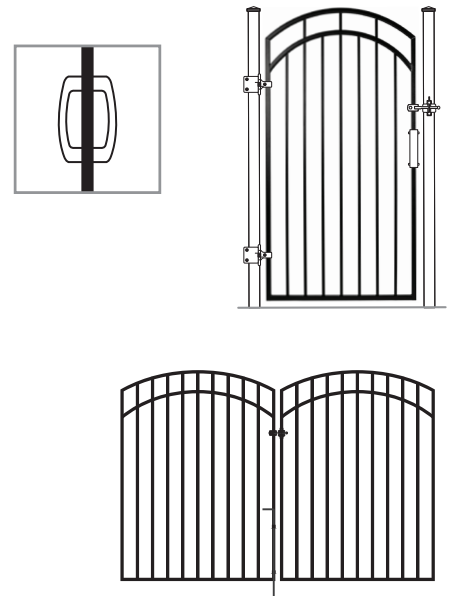
Final Adjustments & Operational Testing

After the gate is installed:

Open and close the gate several times to ensure smooth movement.

Check that the latch aligns properly and functions as intended.

Inspect all screws, bolts, and fasteners – ensure they are securely tightened, but avoid over-torquing, which may damage hardware or strip threads.

PREVENTATIVE CLEANUP AFTER METALWORK:

- *After cutting, drilling, or screwing metal, thoroughly remove all metal shavings and debris to prevent premature rusting and protect both the product and surrounding surfaces such as fences, railings, and concrete.*

NEED A HAND WITH YOUR PRODUCT?

Let's skip the trip back to the store — we're here to help.

*For installation tips, product support, or return questions, **please reach out to us directly**.*

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