

Xtend Porch Windows Installation Instructions

Thank you for choosing Porch Windows Direct Xtend Porch Window Units

With these simple instructions you will be enjoying your beautiful new 3 season porch in no time

Single Unit Installation

Tools Needed: Screw gun, T-20 Torx bit, 1/4" nut driver (for mulled units), Shims, Small pry bar, Caulk gun

Step 1 :

Verify order confirmation with shipment contents.

Your shipment should contain all window units, doors, screws and caulking to complete the install.

If anything is missing, please reach out to us right away and we will rectify the issue in a timely manner.

Step 2:

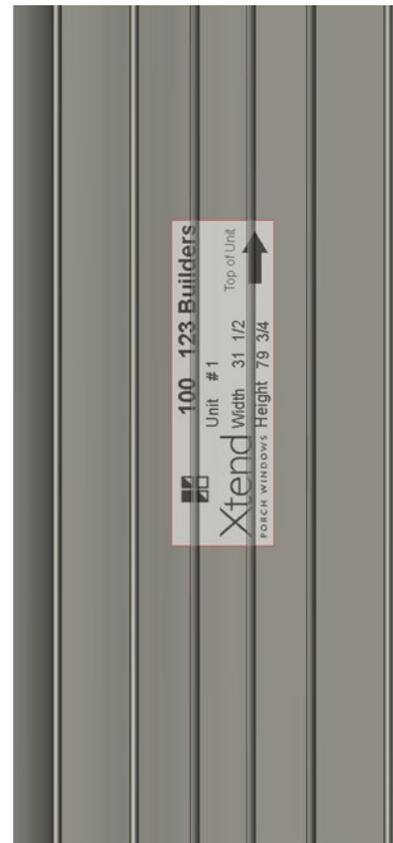
Remove strapping and protective cardboard sleeves around unit, be careful to not cut into the screen when cutting the strapping.

Check the units for damage during shipping.

Dents in the aluminum and rips in the screen are potential issues that may occur during transit. Once again, if there is any damage to any of the units let us know.

All units will have a sticker on both sides of the unit (and on the cardboard sleeves) stating the opening number and frame size dimensions, along with an arrow pointing towards the top of the unit.

All of the window sash are stacked to the bottom of the unit for shipping to help prevent damage in transit.



Step 3:

Once you have determined which window unit goes in each opening, it is time to start installing.

Using the provided silicone caulking, apply a good 1/4" bead around the backside of the window flange.

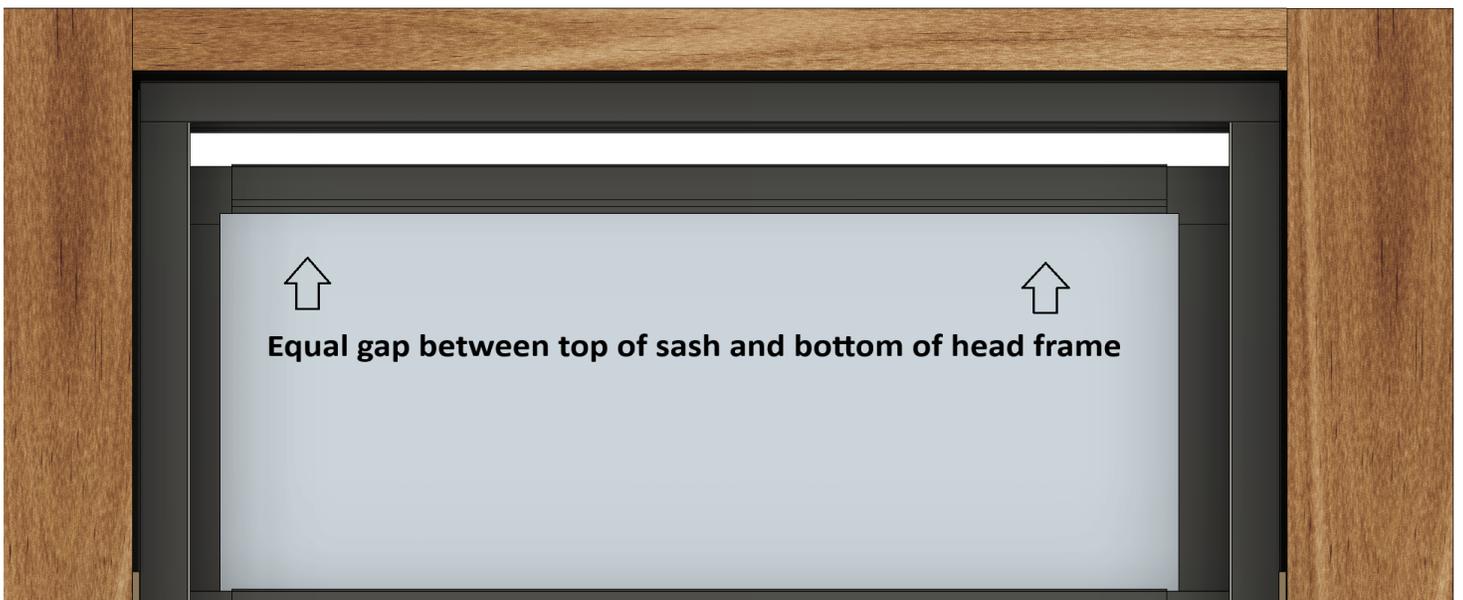
We usually recommend sealing the two sides and the top, leaving the bottom open for any water that may accumulate inside the porch to escape. This may occur if sash vents are left open during weather.

If you are looking for a more bug and moisture proof seal, feel free to silicone along the bottom flange also.

Place the caulked unit into the opening.

Center the unit in the opening, use shims if needed.

A good way to determine the opening is level and plumb, is to push the top sash up towards the top frame leaving a 1/2" gap or so and verifying the gap is equal across the whole opening. If there is a discrepancy, shim accordingly as close as possible.



Step 4:

With the unit centered in the opening, use the included color matched flathead installation screws and secure all 4 corners of the window.

All of the installation holes are predrilled in the proper location.





Step 5:

With the unit now tacked in place we can check the operation of the sash.

Move the sash up and down in the track. There needs to be enough tension to hold the sash in place when you let go. To achieve this, add shims between the window frame and the post on each side where the window sash overlap. When sized properly, and the opening is square and plumb, there should be an equal, but minimal gap from top to bottom between the unit and framing. The middle of the frame should not bow out giving a hourglass look.

Now we need to double check that the sash can be removed for cleaning. To do this grab the top and bottom rails of the lower sash, push to the left to compress the springs, then pull towards you releasing the sash out of the right side track. If there is just enough clearance to remove the sash without forcing it, everything is good to move on to the next step.

If you can not remove the sash, back out your shims slightly until the sash just clears the right side track.

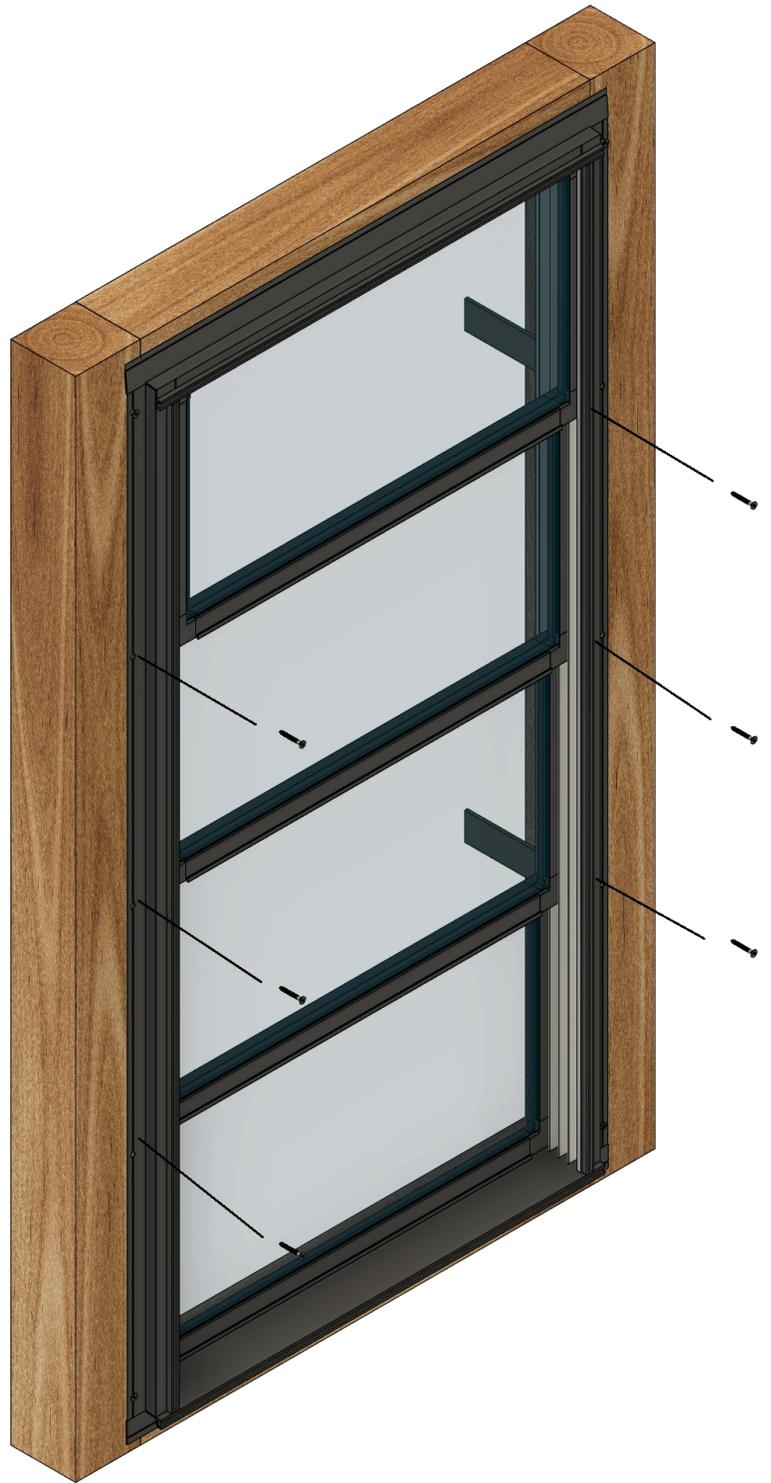
Step 6:

With the sash tension checked, and we verified the removal of sash for cleaning, Add remaining screws filling all pre-drilled holes. Be aware that you may have some silicone squeeze out from behind the flange depending on how big of a bead you ran with the caulking gun

Pro tip: To clean this off, let silicone dry then peel the excess off, this can prevent smearing by wiping it off while it's wet.

You can now pull out the shims on the inside. Double check the tension of the sash up and down and make sure they do not fall on their own. And again verify there is clearance to remove the sash for cleaning.

If the sash are loose in the tracks and/or they can not be removed for cleaning, you may need to pull out the screws on the outside and repeat Step # 5



Porch Windows

8100 Old Cedar Ave. South Suite 350 Bloomington MN 55425 651-505-0062

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Xtend Porch Windows Muller Unit Installation Instructions

We have the capability of easily shipping single units that can be connected together to fill openings that are wider than our max 48" wide single units. With a few extra installation steps we will help you save time and the hassle of framing a wide opening down with extra posts

Tools Needed: Screw gun, T-20 Torx bit, 1/4" nut driver, Shims, Small pry bar, Caulk gun, Quick clamps

Steps 1 & 2:

Follow same steps from the single unit instructions.

Verify shipment, check for damage, and check unit labels for unit numbers.

This is where the muller units will differ from singles. The unit numbers will have a letter attached to them. Viewing from the exterior of the unit (screen towards you) Working right to left, The " A " unit is the furthest right. This is your starting unit, then " B " to the left of it and so on depending how wide the final unit is.



100 123 Builders

Unit # 1A

Xtend Width 31 1/4
PORCH WINDOWS Height 98

Top of Unit




100 123 Builders

Unit # 1B

Xtend Width 31 1/4
PORCH WINDOWS Height 98

Top of Unit


Step 3:

Starting with Unit "A" for your mullied unit opening, Similar to the single unit install, apply a bead of silicone on the back side of the window flange. Exception for mull unit "A" is there is no flange on the left side of unit. This is the Mull frame that will accept the flange of unit "B". So we only need to apply silicone to the top and the right side flange (as viewed from exterior)

Place unit into the right side of the opening and tack it in place with a screw in the top right corner. Make sure it is secure enough not to fall out of the opening while you get the "B" unit ready. You may need to add a second screw or have someone hold it in place if it is a windy day.





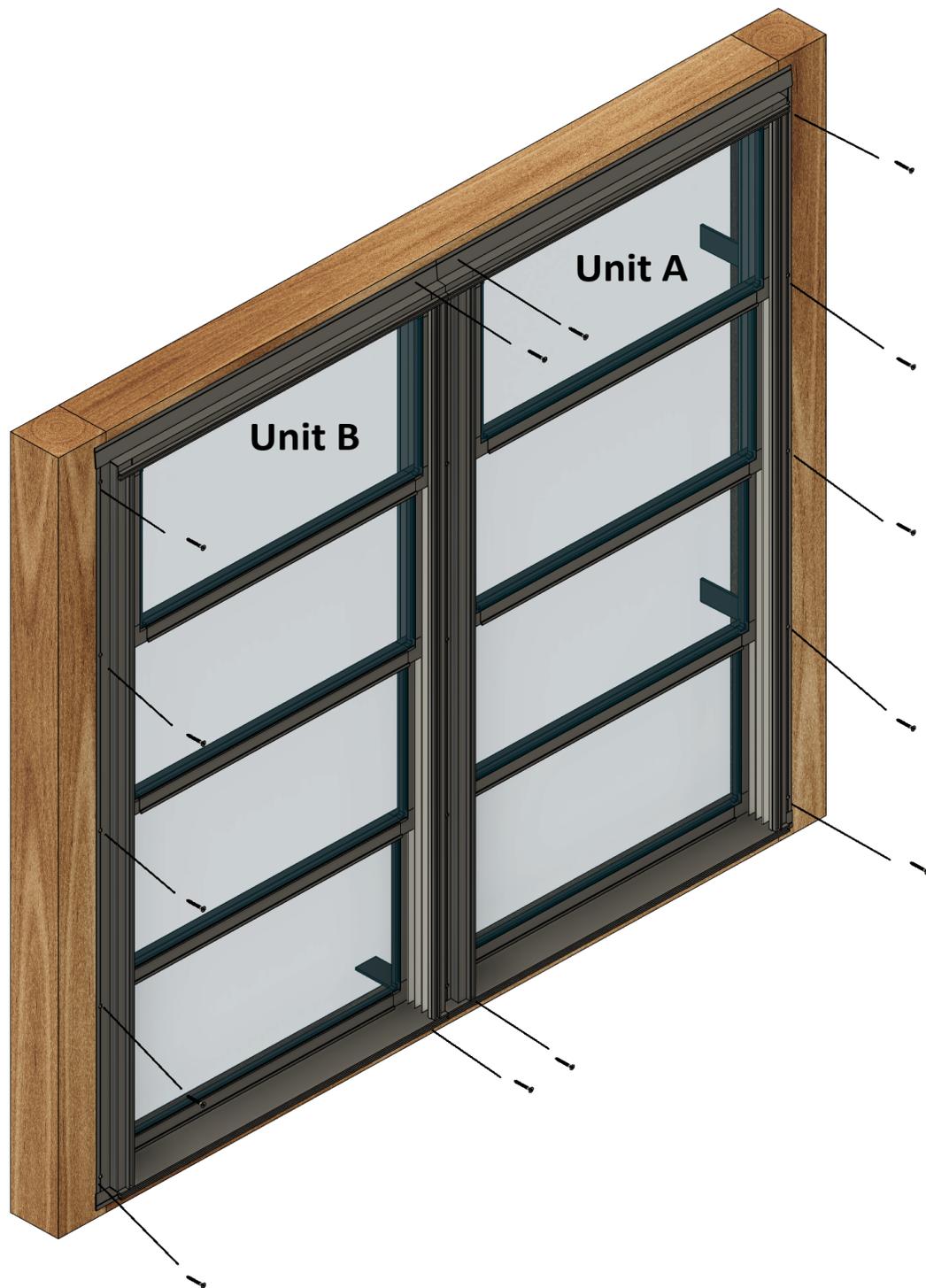
Step 4:

Now it's time to prep unit "B". Apply a bead of silicone to both sides and the top flange of the unit. Place unit in the opening with the right flange overlapping the mull side, and tucked up underneath the top lip of unit "A". From the inside use some quick clamps to tighten the two units together. Make sure the head and sill of both of the units line up horizontally. Then using the supplied hex head (1/4" drive) self tapping screws, secure the right flange of unit "B" to the mull side of unit "A"

Step 5:

Following Step 5 in the single unit installation, we need to center the now mullied unit in the opening. You might have to remove the top corner screw in order to do so. Also verify square and level by checking the gap of the top sash compared to the frame. To keep the bottom of the unit level, you may need to add a shim at the sill to support the middle mull upright. Next verify sash tension, moving the sash up and down making sure they do not slide on their own. Shim between framing and the unit until sash stay in place. Then double check the sash can still be removed for cleaning. Grab the top and bottom rails of the sash, push to the left to compress the sash spring and verify the right side of the sash will clear the right side track. If sash are hard to remove, back out your shims until sash just clears the right track. We can now move back outside and screw off the whole unit into the opening.



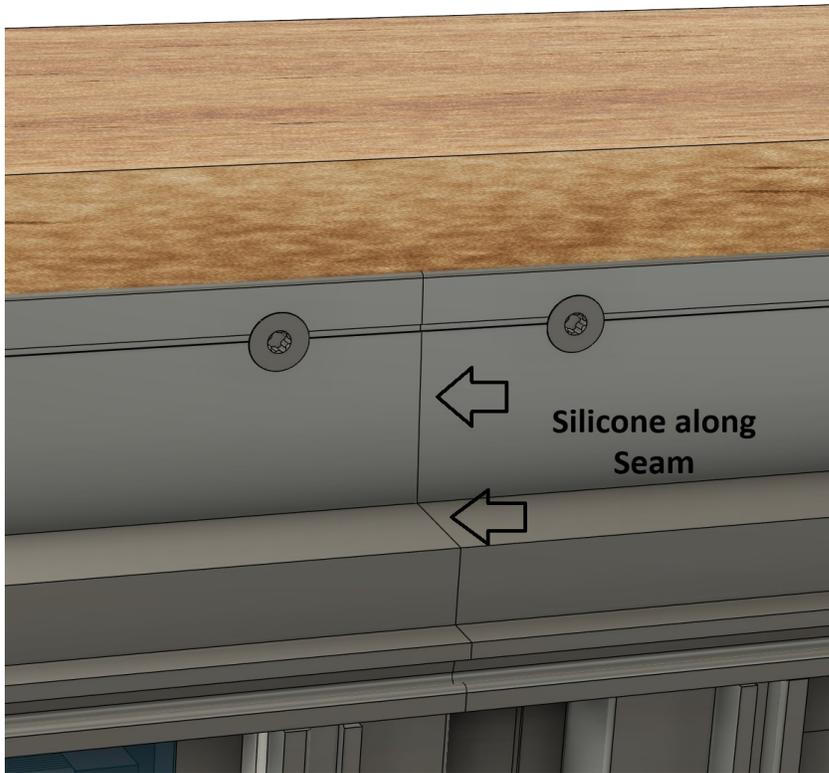


Step 6:

With the unit centered in the opening, shimmed for tension, and sash removal checked we can now screw off the unit. Starting in the four corners, fill all predrilled holes with included color matched flathead screws.

Once all secured you can now pull the shims from the inside. Then again test sash for operation making sure there is good tension and the sash do not fall down or move on their own. Verify the sash can be removed for cleaning. If everything is good, move on to the next unit.

If sash are tight or loose, and/or the sash can not be removed easily, repeat Step 5 and pull screws as needed until sash operate smoothly and can be removed for cleaning.



Step 7:

If you don't plan on trimming over the units installation flange, it is imperative to run a thin bead of silicone over the seam at the top of the frame where the two mull units meet. This will help prevent moisture from seeping inside the window unit.

Additional Resources

Check out our YouTube channel [@PorchWindowsDirect](#) for instructional videos and all sorts of different install applications we here at Porch Windows Direct have come across that may help you with your project.

Thank you for choosing Porch Windows Direct. If you still have any issues regarding installation don't hesitate to reach out to our team to help walk you through the process to complete your project.



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