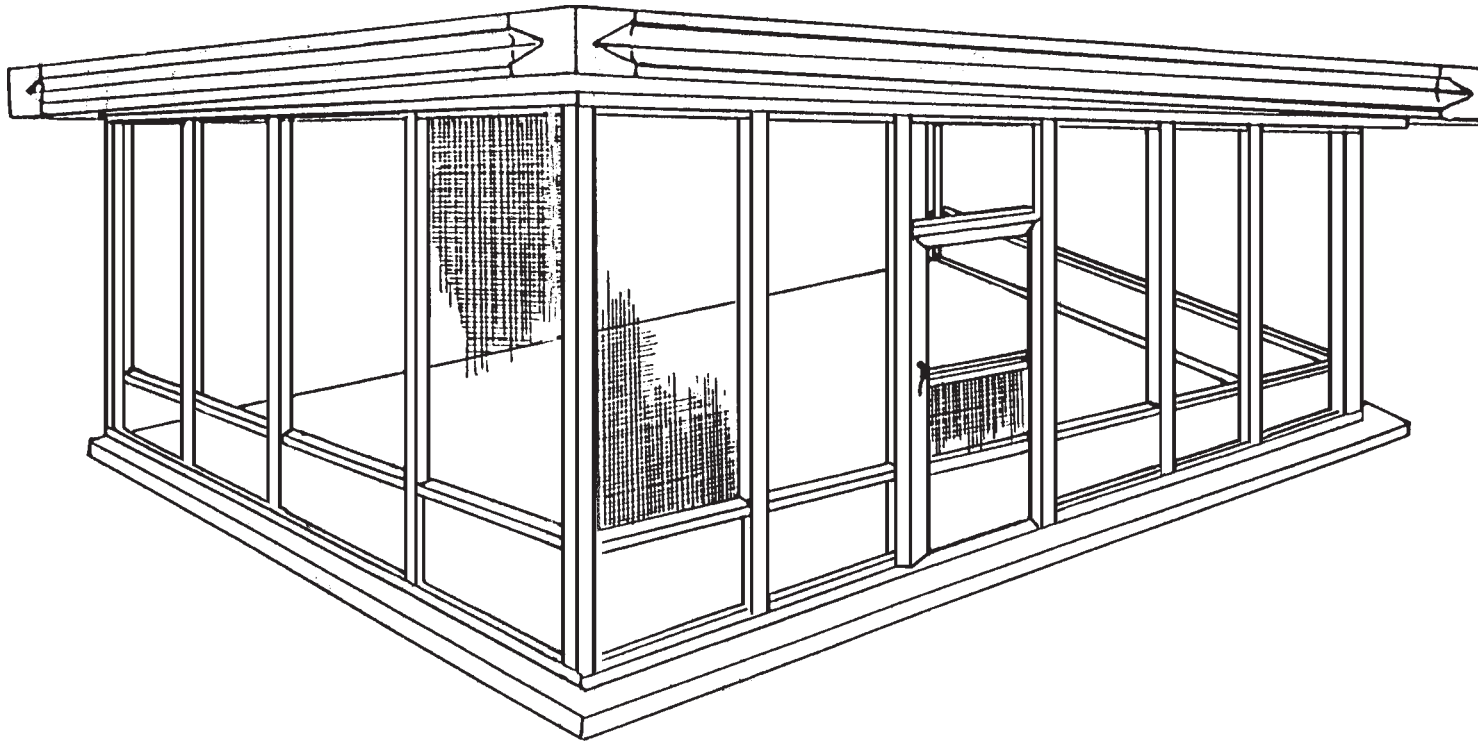


ASSEMBLY INSTRUCTIONS

2" EXTRUDED PORCH ENCLOSURE SYSTEM



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NOTE: When quoting a screen enclosure, we do our best to make the smartest use of materials in order to keep the pricing as reasonable as possible. Sometimes, the most efficient use of materials (due to the materials only being available in certain standard lengths) will mean the end user will be required to butt splice certain screen enclosure profiles. Butt splicing will be the most common for top, bottom, and rear wall u-channels but can also sometimes include vertical framing members as long as they are in a u-channel.

Install H123 (1" X 2" C channel) and H124 (2" X 2") to the floor and vertical starting walls. Install H124 (2" X 2" C channel) to the underside of the roof line of the area to be enclosed.

It is suggested that H123 (1" X 2") channel be used on the floor and walls and the H124 (2" deep) channel be used on the overhead area to be enclosed to accommodate extreme unlevel or "out of plumb" conditions.

If you are mounting the floor channel to concrete, it is suggested that you use a hammer drill and the (optional) A421A drive anchors to secure the U-channel to the concrete. In addition, use some outdoor/industrial grade waterproofing sealant either between the concrete and U-channel, or on the outside edge of the U-channel against the concrete to prevent water from seeping under the channel and into the room when it rains.

Channel mounted to wall should be sealed against wall by means of ¾" X ¾" foam tape (H310A) in the case of step type siding.

Due to the many different types and styles of housing walls, you will need to supply your own screws/fasteners to attach the H123 U-channel to your house walls.

If possible, allow 12" to 18" overhang on all sides. The top channel will mount under the pans, not under the fascia gutter. When installing H124 (2" X 2") channel to your pans, use P401A self-sealing Tek screws for non-insulated panels, and P418's or P432's (long hex head lag screws that will be about 1" longer than the thickness of your insulated panels, with neoprene washers) for insulated panels.

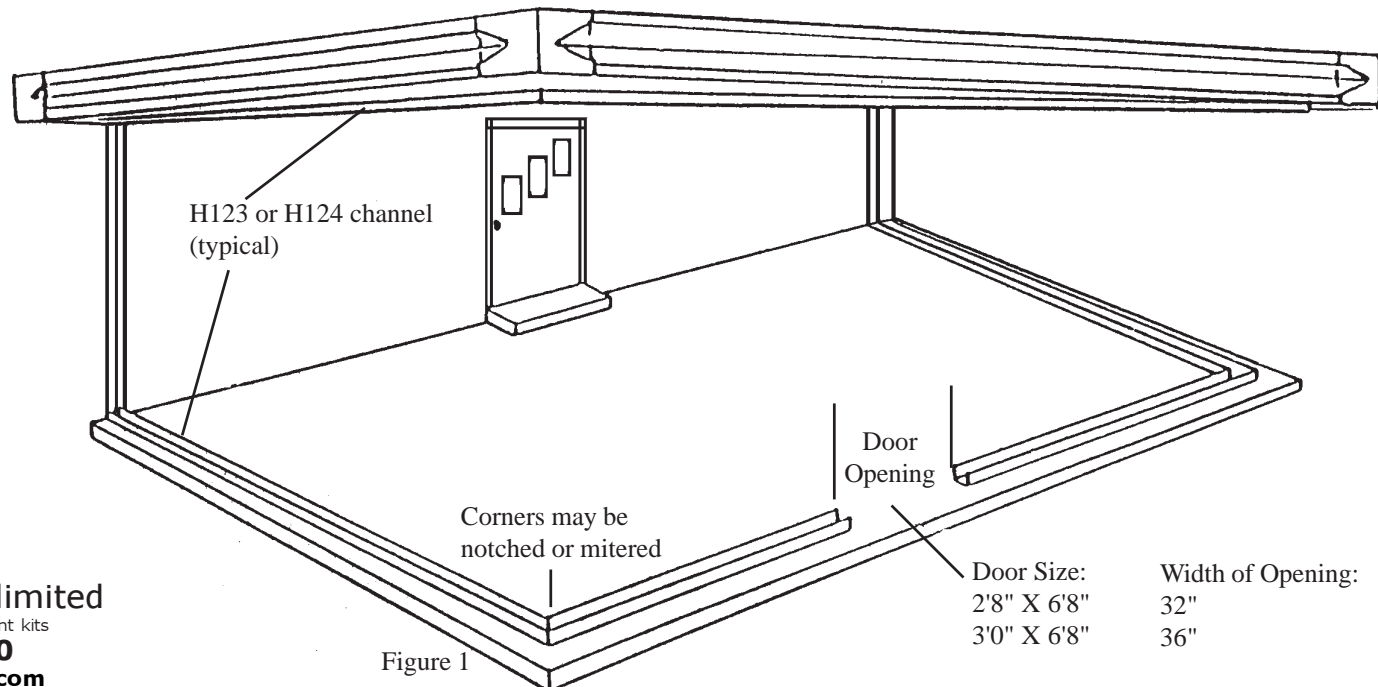


Figure 1

STEP 2: INSTALLATION OF VERTICAL FRAMING MEMBERS (Figure 2)

Install H121 (1" X 2") in channel at wall(s) using wall starter channel as means of plumbing frame. Attach H121 to H123 with H410 Tek screws (Figure 2A).

Be sure not to place H121 all the way down in the U-Channel as you must leave the spline groove exposed for screening.

If you plan on putting your door in the first section against the house wall, use H122 (2" X 2") instead of H121 (1" X 2") in the H123 wall channel

Install corner posts as shown in Figure 2B (consisting of 2" X 2" member (H120)). Be sure corner post is turned/flipped correctly so that screen/spline is inserted into the lipped spline groove- *not* the kickplate groove (Figure 2C).

Install 2" X 2" (H122) on either side of door opening, making sure they are plumb and have enough space between to accommodate door to be installed (see door spacing note on Page 1, Figure 1).

Refer to your cut sheet/drawing given to you with your quotation for how to properly divide up your remaining openings. Then, install and plumb remaining 2" X 2" verticals (H122).

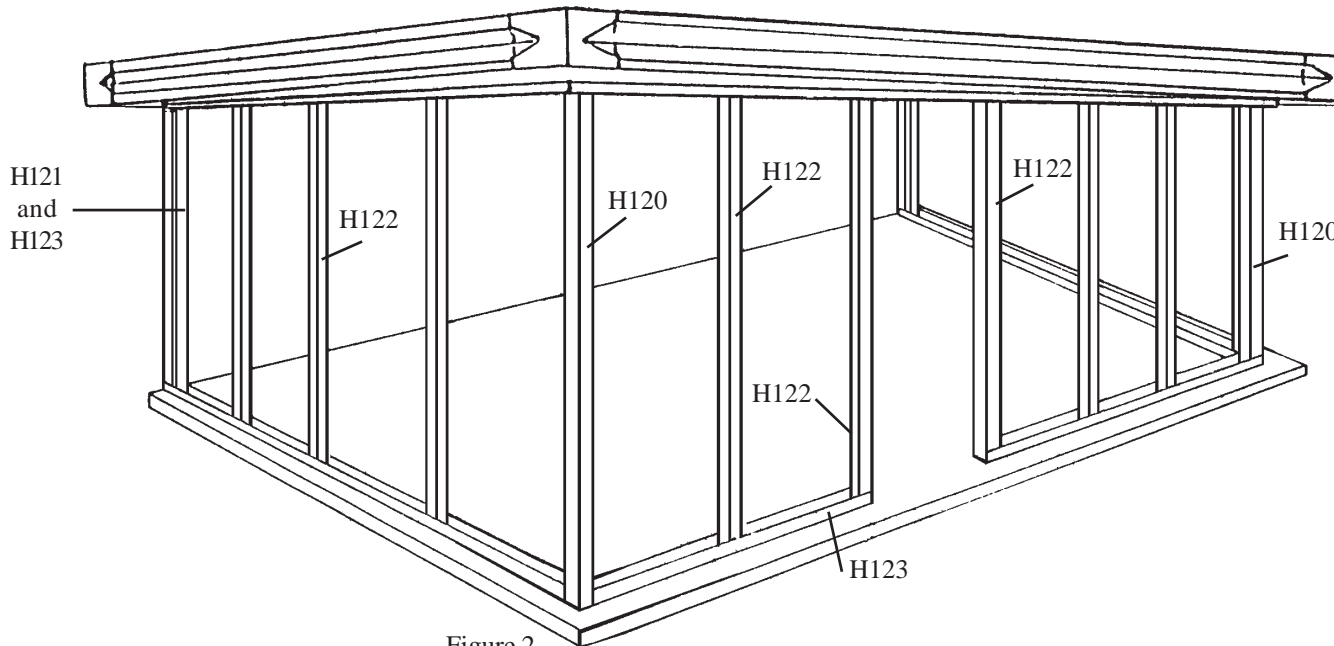


Figure 2

Figure 2A

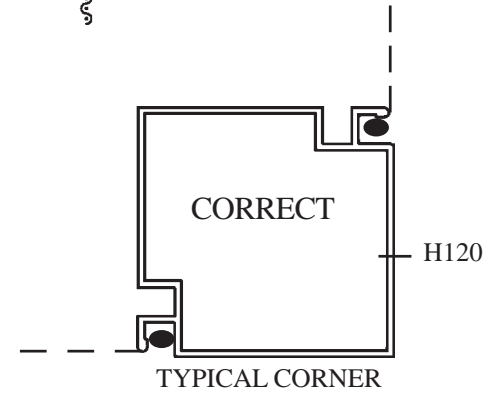
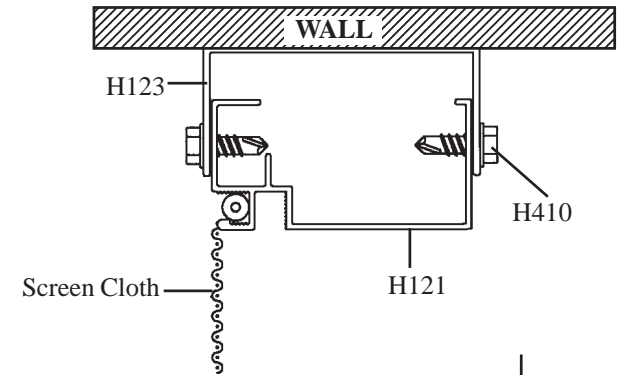


Figure 2B

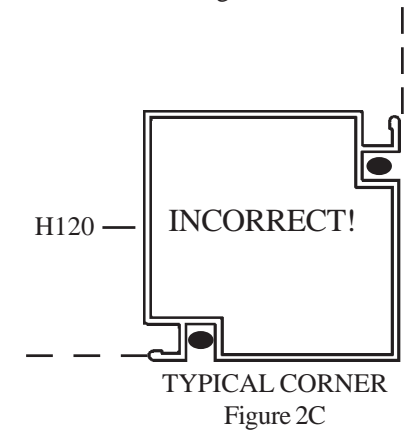


Figure 2C

STEP 3: INSTALL HEAD & SILL FRAMING MEMBERS (Figure 3)

Cut 1" X 2" (H121) to fit between vertical framing members at top and bottom and install in top and bottom channels using H410 drill point screws. ***Be sure to not drop H121 all the way down in the U-channel as you must leave the spline groove exposed for screening.*** Place at the proper level to keep spline groove exposed and then assemble with H410 screws.

Install 1" X 2" (H121) at door head 80" from floor, or if your unit will have a chair rail and no kickplate, install 2" X 2" (H122) at door head 80" from floor.

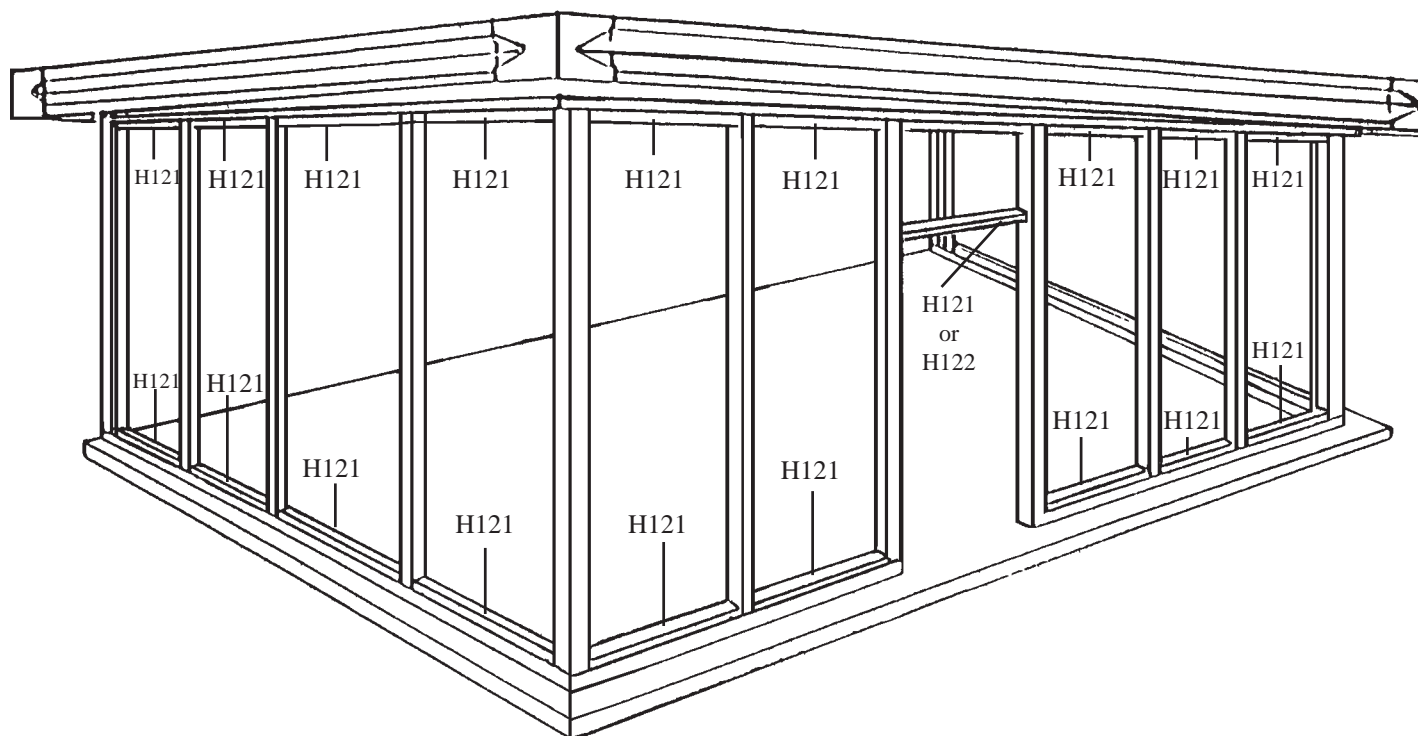
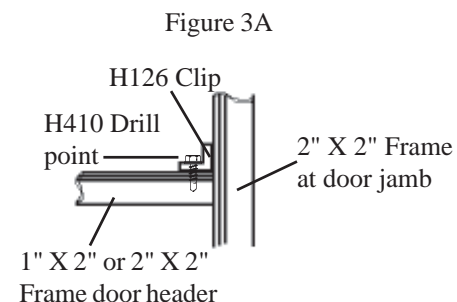


Figure 3

STEP 4: INSTALL STANDARD KICKPLATE (*Skip this step if your unit will have a chair rail and no kickplate*)

Cut kickplate 3/8" longer than opening width between vertical framing members and insert into slot of bottom rail and vertical member.

To accommodate slope of ceiling or floor, the bottom of kickplate panel may be trimmed to slope.

NOTE: Top of kickplates must be kept even from one opening to the next. This may be accomplished by aligning top of kickplate with string stretched at desired height.

Secure kickplate in frame by rolling rubber spline into kickplate groove along interior surface of kickplate, bottom and both sides.

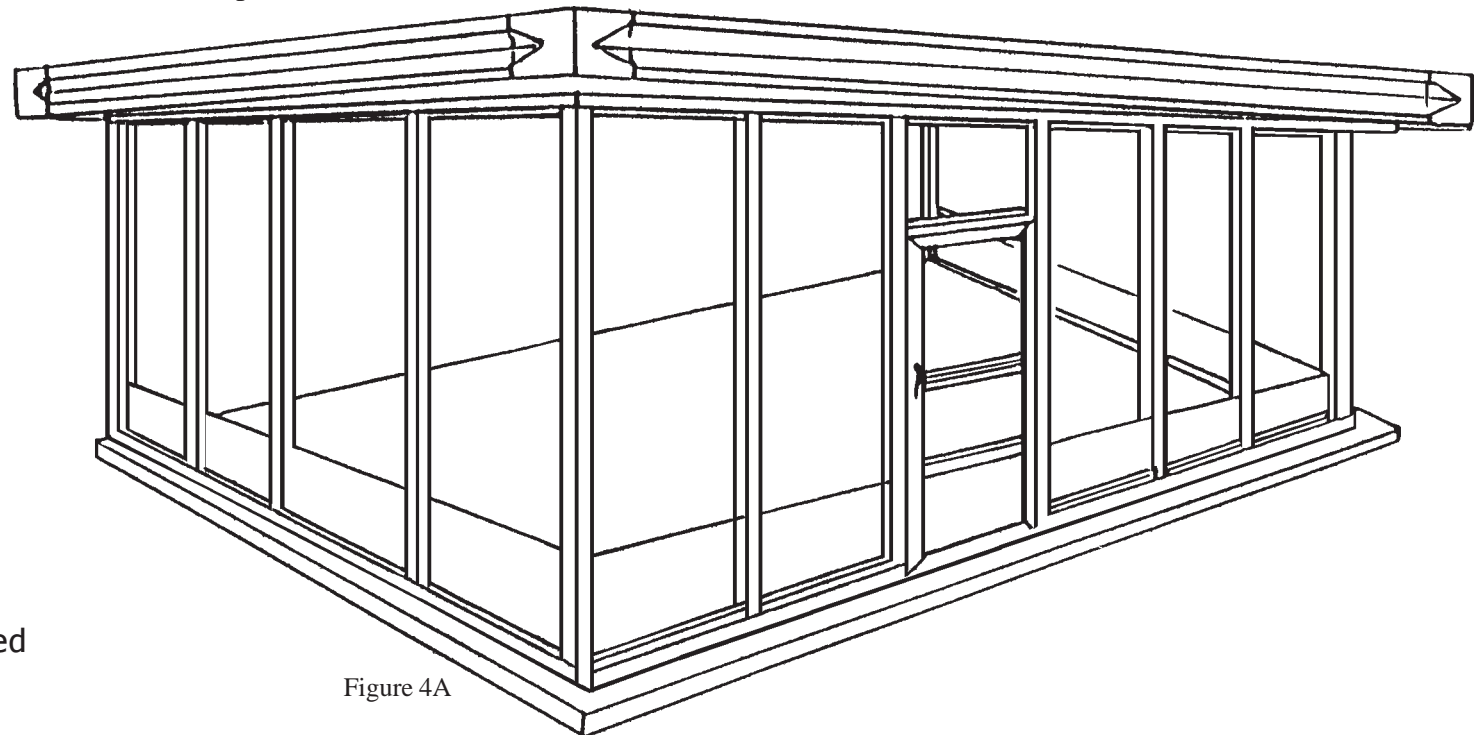
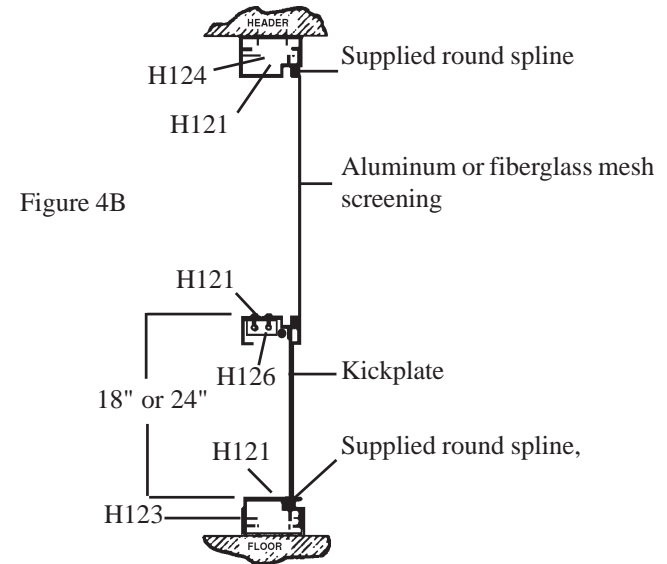


Figure 4A

STEP 5A: INSTALL KICKPLATE RAIL (Figure 5) [Skip this step and proceed to step 5B if your unit will have a chair rail and no kickplate]

Cut 1" X 2" (H121) to fit between vertical framing members right above the kickplate. Temporarily set H121 over kickplate and make sure the kickplate slides completely into the designed groove in the H121. Once it is firmly seated, take an H126 clip and slide it up under the H121 to where it meets each vertical framing member. With a pen, lightly mark the 2" X 2" vertical framing member where the clip ends with a line. Then remove the 1" X 2" (H121) and screw the H126 clips (one per side) to the vertical 2" X 2" framing members using your mark as a guide for the bottom of the clip. As another reference, the top of the clip should be about 1/4" above the top of the kickplate.

Then, place the 1" X 2" mullion (H121) back on and screw down (from the top of the H121 down) to the clips with the supplied H410 Tek screws.

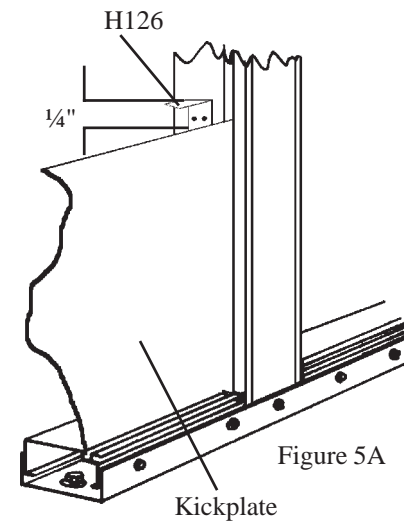


Figure 5A

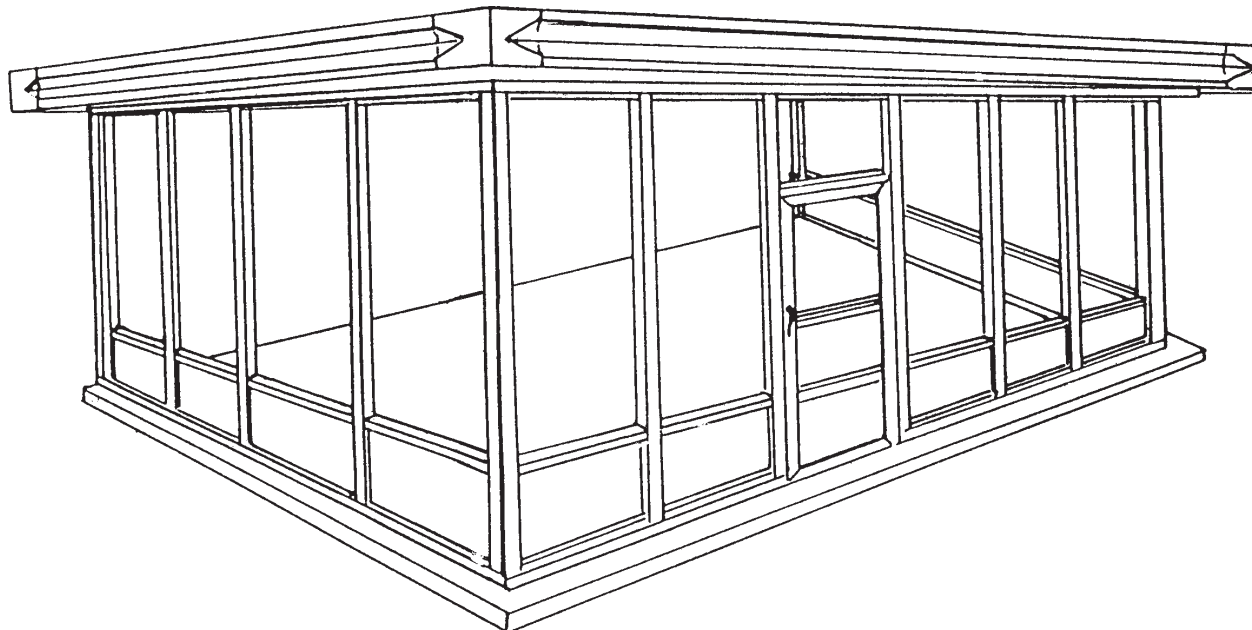


Figure 5

STEP 5B: INSTALL OPTIONAL 2" X 2" CHAIR RAIL MULLION (Figure 5)

If you skipped Step 5A because your unit has a 2" X 2" chair rail instead of a kickplate, follow the instructions outlined in this step. If your unit has a kickplate and you followed the instructions on the previous page in Step 5A, ignore this step and proceed to Step 6.

Cut 2" X 2" (H122) to fit between vertical framing members at whatever height you desire. Screw one H126 clip onto one of your 2" X 2" (H122) verticals at the height desired with your supplied H410 screws. Place your cut piece of 2" X 2" (H122) horizontally on top of this clip and screw the clip to the underside of the 2" X 2" (H122) on that one side. Then place a level on the 2" X 2" (H122) horizontal before installing the H126 clip on the other side, to insure your mullion is level. Spray mullion clip with touch up paint (if desired) before installing screen mesh later in these instructions.

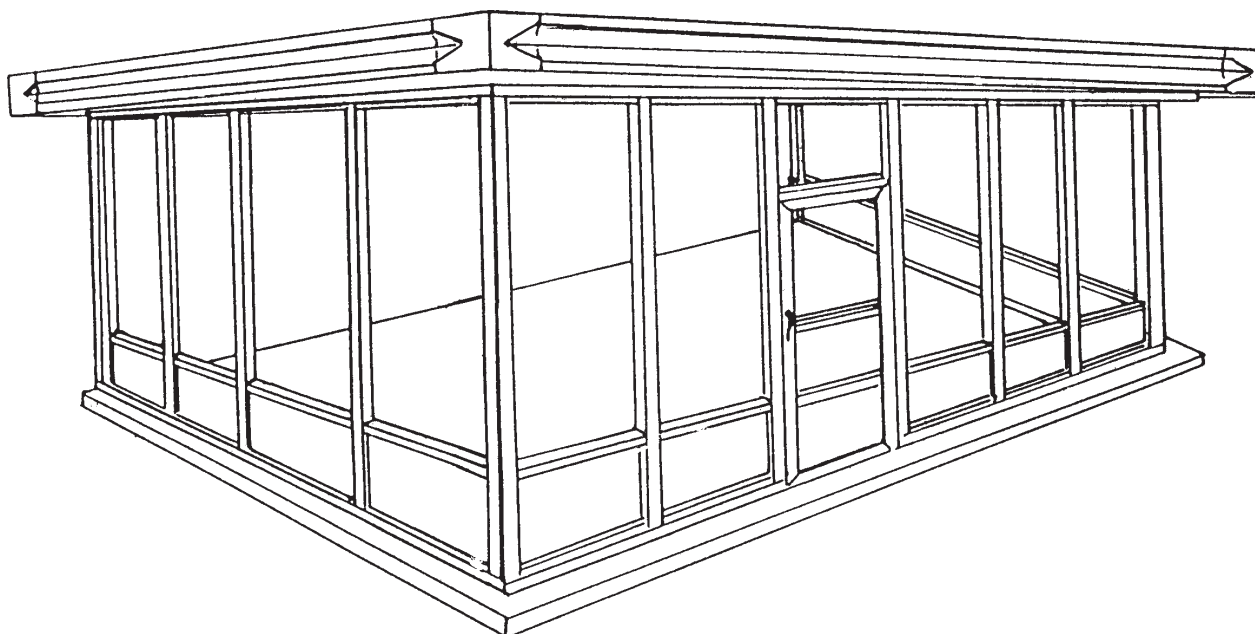


Figure 5

Step 6: INSTALL SCREENING (Figure 6)

Use supplied Vinyl Spline.

Roll fiberglass screening and spline into the jamb sections first, then roll screening and spline into top and bottom.

Step 7: INSTALL SCREEN DOOR IN OPENING (Figure 6)

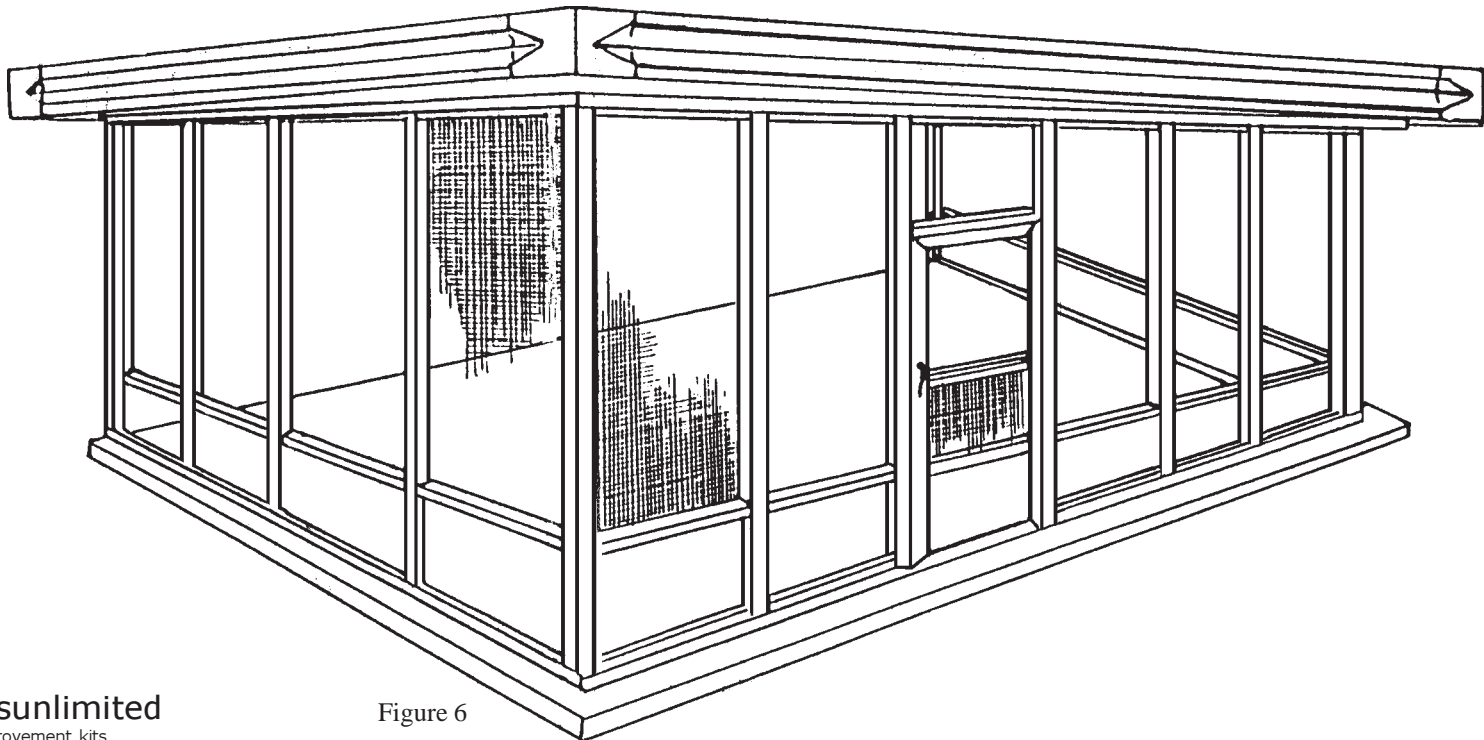
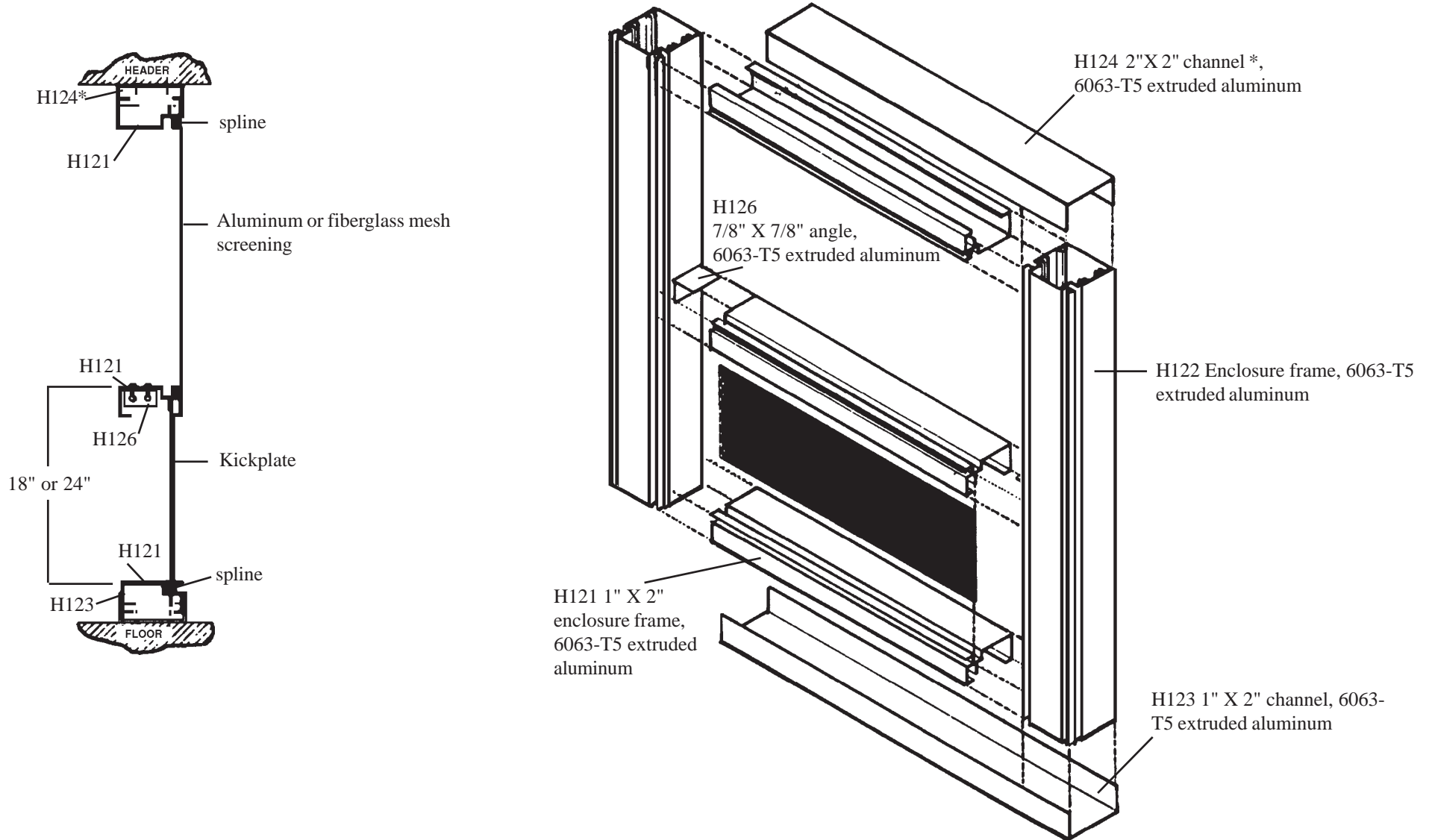


Figure 6

BREAKDOWN VIEW USING STANDARD KICKPLATE:



***Please note:** If you are purchasing walls only and have an existing roof, you will be sent H123 1" X 2" u-channel instead of H124 2" X 2" u-channel for the top horizontal channel.