Wizard Screens

80mm / 100mm Integrated Horizon
4 Sided Frame - Double
1. Read fully before beginning
2. Components are cut to size and predrilled for convenience
3. Installation typically requires two people

Call 604-299-4426, or email support@wizardscreens.com prior to starting if you have any questions
**Tools**

1. Power Drill / Driver
2. Level
3. Shims
4. Ladder

**Components List for 4-sided frame - DOUBLES**

1. Header x2
2. Jamb x2
3. Jamb Block x2 (jamb block located inside jamb)
4. Jamb Filler x2 mill
5. End plates x2
6. Sill cover x1
7. Sill Riser x2
8. Screw pack

Unpack
3 - #6 x 3/4” self-tapping screws provided for each side
Do this for both left and right

Make sure jamb block is flush top and bottom once screw is installed.
Position the header onto the jamb extrusion

! Ensure that you matched the profiles as illustrated before fastening
Attach Headers to Jambs

2 - #6 x 1 1/2” self tapping screws provided for each side

Connect both top corners before moving to next step

**Note**: Double will have 2 headers. Do each top corner separately before mounting into rough opening - there will be a butt joint once installed into the rough opening.

Make sure corner is even/90 degrees and there are no gaps (>1/16”) in the connection points.
#6 x 1/2” self tapping screws provided for each side
Place the aluminum headers between the 2 jambs
Attach from the top through the 2 holes in each end plate
Connect both top corners before moving to next step
Attach the lower sill risers to the Jamb extrusion on both sides
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On the back, fasten together on each side.
Pre check rough opening for plumb, level and square.

When frame goes into rough opening it needs to be squared off, shimmed, and screwed into the rough opening so it is plumb, level and square - pay special attention to bottom surface.

⚠️ If you have a “hump” or “dip” in the middle then you will need to possibly shim the frame up (for hump) on the sides so the bottom of the frame is level with the highest point in the floor wherever that might be, if you had a dip then when the screen unit goes in the tracks will need shimming so they are level.

The same goes for sides and top.
1) Lift frame into opening. If installed inside the house, “front” faces to the interior and the back to the exterior.

2) Drill on **guide lines** and screw frame into rough opening using #8 x 2” self tapping screws or equivalent depending on the mounting surface - **Install 2 screws every 12” - 16” down the jamb**

3) Once complete, re-check install for plumb, level and square, make sure there are no bows or bends in the aluminum

4) Repeat on opposite side

For double door a butt joint might be required in the rough opening. Install one side of the frame temporarily and get the other side into position, once into position you can begin line up both sides and make any adjustments. Make sure you have at least 4 screws installed within 1” of the butt joint to ensure its strong.
**Install lower sill:** Drill and fasten lower sill with 1” Robertson (square) screws, approx. every 12” - 18”
First screws are placed at the RED arrow in each end

Install jamb inserts (note orientation) remove once the installation of the screen begins

*Install screens as late as possible in the construction phase to avoid any damage.

Push the jamb insert all the way down tight to the floor
Installing the Screen
Remove black spline

Slide the cover and remove
Carefully remove jamb inserts

Install header inserts (there are 2)
*note position of track channel to line up with the pull-bar

! Note Orientation with header inserts and will look as below (installed in next steps)
Install Header Insert! Take note of orientation; it only goes in one way correctly and is difficult to get out. Doubles have 2 inserts.
Install housings
Upper and lower track runners

Counter-sink the black track runner

Upper and lower track runners

Trim the top edge only at 45°

Lower track runner

Pull it out approx. 8”

Upper and lower track runners

Check track runner is clear of debris
Release brake with supplied wedge

Install brake latch on receiver end of tracks

Extend track runner, lift pull bar

Slide track through and over housing nipple

Interlock the track and fit in retaining spline

Slide over metal guide onto mesh, tight to housing nipple

Lower pull bar
Tilt the upper track into the header, and slide it back into the empty jamb.

Slide the upper track into the jamb filler cavity on receiver side.

With the brake released, feed the track through the pull bar and onto the mesh.
Feed the extended track runner onto top zipper, ensuring it’s tight to housing

Release the track to let it sit in the track channel

You will have a gap in the middle

Tilt upper tracks into the header and release them
Tracks Latches

The upper and lower track latches now fit into place, you might need to trim the track runner for a tight fit, fasten in place with the screws.

*details and specifications subject to change