

RETRACTABLE PLEATED SCREEN

ST - STANDARD MODEL

INSIDE MOUNT INSTALLATION















Please read the instructions thoroughly before installing your new screen system.

CraftBilt
Materials Ltd.

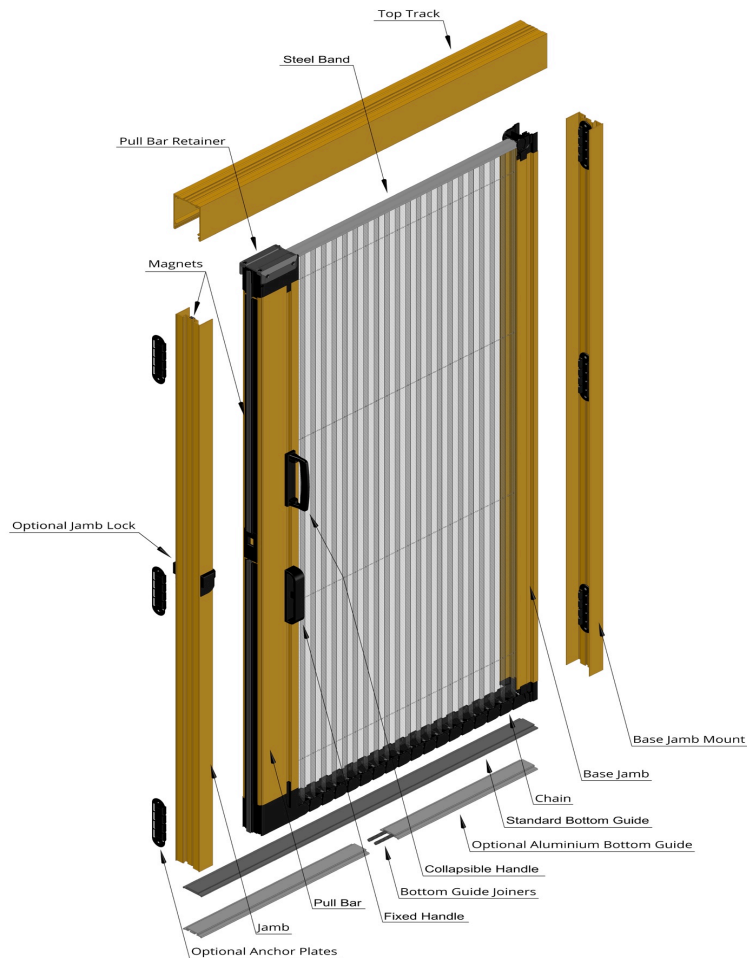
Required Tools and Materials

- ✓ Screwdriver and screw bits:
 - Phillips #1 & #2
 - Robertson #1
- ✓ Screw gun and drill
- ✓ Carpenters level or laser level
- ✓ Straight edge
- ✓ Pencil
- ✓ Cleaning cloth
- ✓ Degreaser or alcohol based cleaner
- ✓ Hand saw or chop saw
- ✓ Anchoring screws for top track, base-jamb mount and anchor plates (16-20 screws)
- ✓ Drill bit to pre-drill holes for anchoring screws
- ✓ Plywood or similar:
 - Thickness: 1/2" or 3/4" (13mm-19mm)
 - Width: 1-3/4" (45mm)
 - Height: 6" (152mm)

Parts List

Description	Drawing	Reference
Top Track		A
Jamb Profile		B
Pull-Bar		C
Base-Jamb Mount		D
Screen Cartridge		E
Anchor Plate		F
Bottom Guide		G
Fixed Handle		H
Collapsible Handle		I
Dual-Central Stop (Dual-Central Screen Systems)		J
3/8" Teks Screws: Robertson #1		K
Jamb Lock (Optional)		L

Screen Diagram



Installation

1. Ensure the Installation location is level and clean
2. Install the Top Track to the Header - Part: A
 - ✓ Fasten the top track to the header using screws that best fit the application
 - ✓ *Note: Pre-drill the top track before fastening the top track to the header*
 - ✓ *Note: Make sure the top track is positioned where you would like your retractable screen to operate - plumb the top track with the bottom surface where your bottom guide will be positioned*
3. Dual Central Screen Configurations ONLY - Parts: J and K
 - ✓ If you have ordered a dual-central screen configuration, you will be required to install a dual-central stop in the center of the top track
 - ✓ Find the center of the top track and mark it with a pencil
 - ✓ Fasten the D/C stop to the top track with the provided TEK screws - Part: K
 - ✓ *Note: Use the centerline in the top track as a guide when installing the D/C stop*
4. Install the Jamb Profile - Part: B
 - ✓ Find the center of the top track by measuring 7/8" (23mm) from either side of top track
 - ✓ Use a straight edge or a laser to inscribe a line down the vertical surface
 - ✓ Peel the backing off of the anchor plates for temporary positioning
 - ✓ Align the center of the anchor plates with the inscribed line
 - ✓ *Note: Ensure that the anchor plates are evenly spaced*
 - ✓ Fasten the anchor plates to the inside surface with fasteners that best fit the application
 - ✓ Jamb Lock Option: Insert jamb lock into the jamb profile by sliding the metal plate on the rear of the jamb lock into the center groove on the jamb profile - Part: L
 - ✓ Insert the top of the jamb profile into the top track and then push the jamb profile into the anchor plates
 - ✓ *Note: The jamb can be fastened to either vertical inside surface depending on which direction you want the screen to operate*
 - Left to Right: Install jamb profile on right side
 - Right to Left: Install jamb profile on left side
 - ✓ *Note: The jamb profile can be directly fastened to the inside surface with fasteners if required*
5. Install the Base Jamb Mount - Part: D
 - ✓ Install the base-jamb mount on the vertical surface opposite of the jamb profile that was installed in Step #4
 - ✓ Pre-drill the base-jamb mount every 2 feet (610mm)
 - ✓ The top of the base-jamb mount inside the top track and align the bottom of the jamb mount so that it's level and square
 - ✓ Fasten the base-jamb mount to the vertical surface with fasteners that best fit the application

6. Install the Bottom Guide - Part: G

- ✓ Clean the bottom surface using a degreaser or alcohol based cleaner
- ✓ Align the bottom guide with the anchor plates, jamb profile and top track
- ✓ Temporarily position the bottom guide to ensure proper fitment, the bottom guide should fit under the magnet located in the jamb profile
- ✓ *Note: Do not place the bottom guide underneath the jamb profile*
- ✓ *Note: The bottom guide may require additional cutting to fit the application*
- ✓ *Note: When connecting two lengths of the bottom guide connect the ends marked with a red line*
- ✓ Once the bottom guide has been positioned, peel the backing off of the guide and press down on the bottom guide to ensure a secure bond
- ✓ *Note: The bottom guide may not fully adhere in cold weather applications. It is recommended that the bottom guide adhesive is at room temperature before installation and that the bottom surface is clean and dry. In addition, the bottom guide can always be fastened to the bottom surface with a countersunk, flat head screw.*

7. Install the Screen Cartridge - Part: E

- ✓ Cut a piece of plywood or similar wood product to the following dimensions: 1-3/4" (45mm) wide x 6" (152mm) long
- ✓ Use the piece of wood to spread the top track, while inserting the pull-bar retainer into the top track
- ✓ Line up the pull-bar retainer besides the wooden spreader and insert the top of the screen cartridge into the top track
- ✓ *Note: be carefully not to bend the steel band when inserting the screen cartridge into the top track*
- ✓ Remove the wood spreader from the top track
- ✓ Align the bottom of the screen cartridge with the bottom guide
- ✓ Snap the ST base jamb profile into the "base-jamb mount " by applying moderate horizontal force to the screen cartridge

8. Install Handles - Parts: H and I

- ✓ Find the knob on the rear of the handle
- ✓ Insert the knob into the groove in the pull-bar (*Part: C*) at 90 degrees
- ✓ Adjust the handle to your desired height and turn the handle counter-clockwise until it snaps into place

9. Adjust the Jamb Lock - *Optional - Part: L

- ✓ Extend your screen system so that the pull-bar engages the jamb lock. If the jamb lock does not fully engage, please perform the following steps:
- ✓ Retract your screen system
- ✓ Pull the handle on the jamb lock upwards, while holding the base of the jamb lock in place
- ✓ Use a #1 Phillips screwdriver to turn the mounting screw 1/2 turn, counter-clockwise
- ✓ Adjust the jamb lock up and down so that the jamb lock fully engages the pull-bar in the locked position.
- ✓ After the height has been adjusted, tighten the mounting screw on the jamb lock

10. After installing your screen system, repetitively extend and retract the screen to ensure a smooth operation. If you experience any one of the following problems, please refer to the trouble-shooting guide:

- ✓ The pull-bar does not completely close to the jamb
- ✓ The screen does not completely retract
- ✓ The screen does not operate smoothly

Troubleshooting

I have successfully installed my new Craft-Bilt pleated screen, but the screen does not fully extend?

Occasionally during the shipping process the strings in the screen cartridge can become tangled. To un-tangle the wires, repetitively extend and retract the screen system until the screen fully extends. When retracting the screen system, use enough force to pull the wires free, but not to the point where the screen cartridge detaches from the base jamb mount.

The chain on the bottom of the screen has come off of the bottom guide?

The screen system is designed to allow the chain to come off of the bottom guide when a person, object or animal unintentionally hits the screen. If this situation occurs, simply place the chain back on the bottom guide.

My Craft-Bilt pleated screen takes an unusually large amount of force to extend and retract, and is not running smoothly

- 1) If the tensioning strings going across the mesh are too tight, the screen will run rough and require an unusually large amount of force to move the pull-bar. See the adjustment instructions in the User's Manual to adjust the wire tension for your specific screen model.
- 2) Check the plastic chain that runs on the bottom of the screen for any debris. Use a vacuum cleaner, water hose and/or cloth to clean any debris out of the chain.

My Craft-Bilt pleated screen does not fully retract?

If your screen does not fully retract, the horizontal tensioning strings are too loose. The more tension you put on the strings, the better the pull-bar will fully retract.

Caution: If you put too much tension on the strings the screen will not operate smoothly. See the adjustment instructions in the User's Manual to adjust the string tension for your specific screen model.

My Craft-Bilt pleated screen does not extend parallel to the jamb profile.

See the adjustment instructions in the User's Manual to adjust the parallelism for your particular screen model.

The height of my opening has increased/decreased. Will my Craft-Bilt pleated screen still operate?

Each screen system can tolerate a height fluctuation of 1/4" (6mm) downwards and 1/2" (14mm) upwards. If your rough opening is out more than these tolerances, your screen system will not operate safely.

The width of the top track is more than the width of my opening?

If the top track is wider than your opening you will be required to cut the top track and bottom guide. Use a chop saw or handsaw to cut top track and bottom guide to the correct width. The top track will equal the total width of the rough opening. The bottom guide will equal the total width of the rough opening less 3/4" (20mm).

Note: Every Craft-Bilt pleated screen is manufactured to close 1/2" (12.7mm) past the total width of your opening.