



INSTALLER DOCUMENTATION

Four parts. *One afternoon.*

Every Aire ships fully tensioned and adjusted at the factory — the install is assembling the frame around the opening and inserting the cartridge. Inside mount shown; face-mount installs build the mounting surface first with the face-mount extrusions and corner keys.

BEFORE YOU START

- ☐ Opening verified against the measurement checklist — raw dimensions, depths, stack clearance
- ☐ All surfaces flat, solid, continuous — head, jambs, sill
- ☐ No obstructions — door stops, weatherstrip, hardware, raised thresholds
- ☐ Contents checked against the packing list — cartridge, top track, sill, two jambs, hardware bag

TOOLS REQUIRED

Drill driver · #2 Phillips bit · tape measure · level · pencil. Face mount adds: self-drilling screw capability for the #6 × ½" screws.

THE TWO JAMBS – TWO ROLES

The jamb extrusion is one part with two jobs. The **base jamb** takes anchor plates on its center ridge — the cartridge clips to it. The **magnet jamb** takes the magnet strip in the same ridge — the pull bar closes against it. **The magnet lives where the pull bar closes.** On DC, both jambs are base jambs and a center stop in the top track halts the pull bars at center.

FASTENER MAP

CONNECTION	FASTENER
Top track, jambs → opening	3.5 × 30 mm pan-head × 16
Anchor plates → base jamb	#8 × ¾" truss-head × 8 (16 DC)
Face-mount frame (if used)	#6 × ½" self-drilling × 18 / 24
Sill → floor	Adhesive-mounted – no fasteners



INSTALL SEQUENCE

- 1 Install the top track**
Cut to opening width from the factory. Center it in the head of the opening and fasten with the 3.5 × 30 mm mounting screws. On spans over 8 ft the band retainer is already installed in the track.
- 2 Install the center stop — DC only**
Position the DC stop at the marked center of the top track before hanging jambs. It halts both pull bars at the meeting point.
- 3 Install both jambs**
Base jamb on the stack side: mount the anchor plates to the center ridge with the #8 truss-head screws, then fasten the jamb plumb to the opening. Magnet jamb opposite: insert the magnet strip into the same ridge, then fasten. On DC, both jambs get anchor plates.
- 4 Install the sill**
The 5 mm run rail is adhesive-mounted — peel and stick on a clean, dry floor line between the jambs. No fasteners, no raised threshold.
- 5 Insert the cartridge**
Tip the cartridge into the top track first, seat the bottom wheel on the sill, then clip the bar onto the base-jamb anchor plates — ST bar on ST systems, the anchored pull bar on XL. The pull bar retainer keeps the bar captured in the track.
- 6 Install the handle**
Mount the handle on the pull bar at a comfortable height using the supplied hardware.
- 7 Test**
Run the screen fully open and closed several times. The pull bar should travel smoothly, close magnetically with light pressure, and sit parallel to the jamb. Adjust parallelism at the adjusters if the bar meets the jamb unevenly — $\approx \frac{1}{4}$ " of total height movement is available before binding.

IF SOMETHING DOESN'T SEEM RIGHT

Do not force a binding screen or re-tension strings in the field on a first install — the cartridge ships fully tensioned. Check plumb, level, and stack-zone obstructions first, then contact customerservice@element13designs.com. Keep the screen retracted in gusty conditions.