



SYSTEM SPECIFICATION

Aire.

Made to the opening.

A custom, made-to-order pleated screening system for large-format door and window openings. Every system is manufactured to the customer's opening dimensions and ships ready to install.

SPECIFICATION

MAX SINGLE SPAN	144" × 120" (W × H)
MAX DUAL SPAN	288" × 120" (W × H)
PROFILES	Aluminum, Kynar powder coating
MESH	Pleated PET, UV-resistant
INTERNALS	Polymer parastrings, plastic chain links, steel band
FINISHES	Matte black · White · custom 2604 aluminum paint finishes available
CLOSURE	Magnetic — the magnet lives where the pull bar closes
TOLERANCES	≈¼" total height movement before binding; cartridge built ½" wider than the opening for full magnetic closure; post-install vertical adjustment via parallelism adjusters
LEAD TIME	10 business days, order to ship

CONFIGURATION LOGIC

Three independent decisions determine the system shipped:
cartridge type, **span configuration**, and **mount method**.

CARTRIDGE	WHEN IT'S USED
ST	Height-dominant openings — Height > (Width - 5")
XL	Width-dominant openings — max width = (Height × 2) - 16"

SPAN	WHEN IT'S USED
Single	Openings up to 144" wide
DL	Over 144" — two cartridges joined at the factory, pulls from one side
DC	Over 144" — one cartridge on each jamb, pull bars meet and close magnetically at center

MOUNT	WHEN IT'S USED
Inside	Within the existing opening. Default.
3-sided face	To the face of the surrounding wall; sill adheres directly to the floor
4-sided face	Where no floor exists for the sill — window openings, thresholds-free doors



WHAT SHIPS — EVERY ORDER

ITEM	QTY
Screen cartridge (ST, XL, DL, or DC — custom-built to opening)	1
Top track, cut to opening width	1
Sill, cut to opening width	1
Jambs (one houses the magnet strip on Single / DL; both plain on DC)	2
Hardware bag	1

FACTORY-INSTALLED IN THE CARTRIDGE

PULL BAR RETAINER	Top of the pull bar — keeps the pull bar in the top track
BAND RETAINER	In the top track on spans over 8 ft — holds the steel band in position

The cartridge ships **fully tensioned and adjusted at the factory.**

HARDWARE BAG

ITEM	SPEC	QTY
Anchor plates	—	4 (8 DC)
Anchor-plate screws	#8 × ½" truss-head, zinc	8 (16 DC)
Mounting screws	3.5 × 30 mm pan-head, zinc / black	16
Handle	—	1
DC stop	DC only	1
Self-drilling screws	#6 × ½" pan-head, zinc	18 / 24*
Face-mount corner keys	face-mount only	2 / 4*

* 3-SIDED / 4-SIDED FACE-MOUNT

DOCUMENTATION SERIES

DOCUMENT	AUDIENCE
Aire — Installation	Installer
Aire — Measurement Checklist	Installer
Aire — Service & Adjustments	Installer / homeowner
Aire — Warranty	Homeowner

Ordering. Provide raw opening dimensions only — the factory adds all tolerances, including the ½" cartridge oversize. Manufactured in El Segundo, CA. Ships in 10 business days.