

PERGOLAST By GLASS GROUP

SPECIFICATION SHEET

PERGOLAST · HAVEN COLLECTION

Haven Fold

Bi-folding glass doors

Haven Fold is a thermally broken aluminum folding glass door. Its sashes fold and stack to the side on a floor-supported stainless track, opening a wall almost completely to the outdoors. It opens inward or outward, every sash locks top and bottom, and it fits into any Haven pergola or a building opening.

MADE FOR

Living rooms
Open the house to the deck or terrace

Restaurants
A façade that opens on warm days

Pergola rooms
Inside a Haven, Haven Pro or Haven Net

Up to 10	11'-5"	3"	Any RAL
sashes in one opening	tallest opening	thermally broken frame	frame finish

Warranty

2 yrs	1 yr	7 yrs	Haven Collection
Parts	Labor	Powder coat finish	Limited warranty

Key specifications

Dimensions

System Depth	3″ (77 mm) frame and sash
Max Sash Height	137¾″ (3500 mm): openings up to 11′-5″
Max Sash Width	35⅜″ (900 mm)
Max Sash Weight	265 lb (120 kg) per sash
Max Sash Count	Up to 10 sashes per opening (5 + 5)

Dimensions (cont.)

Max Run Width	About 29½′ (10 sashes at 35⅜″)
Sightlines	4¾″ (121 mm) at jambs · 6⅞″ (174 mm) where sashes meet
Metal Thickness	5/64″ (1.8 mm) profile walls
Glass Thickness	¾″ to 2″ (20–50 mm) insulated glass

Materials

Frame	Extruded aluminum, ¾″–1¼″ (20–32 mm) thermal break
Alloy	6063-T5
Glass	Tempered insulated glass, Low-E standard
Seals	EPDM glazing and overlap gaskets, foam-sealed joints
Coating	Powder coat or anodized
Finish Options	Standard RAL chart incl. 3 wood-grain looks, or any RAL
Corrosion / Moisture / UV / Fade Resistant	Yes

Configuration

Layouts	One side: 2+0 to 9+0 · with door: 1+1 to 8+1 · split: 3+2, 5+2, 3+3, 5+3, 5+5
Corners	90° corner post for L-shape openings
Thresholds	Overlapping threshold or flush side-frame sub-threshold
Entry Door	"+1" layouts add a swing door sash for daily passage
Custom Sizing	Yes, made to order
Mounts In	Haven, Haven Pro, Haven Net, wall or storefront openings
Pairs With	Haven Shade, Haven Glide, Haven Clear, heaters

Durability

Thermal	Frame Uf 0.49–0.55 BTU/hr·ft²·°F (2.76–3.11 W/m²K)
Rain Protection	Multi-gasket seals; Ø3⁄16″ drain holes with water-drain covers
Engineering Tests	Glass sized to local-code wind at project
Maintenance	Clean track, gaskets and glass with water and mild soap
Warranty	2-yr parts, 1-yr labor, 7-yr finish

Hardware

Handles	Double-sided gearbox handle on lead sash; window handles on folding sashes
Handle Colors	Black, white, natural aluminum
Locking	Up-down (top and bottom) locking on every sash; keyed cylinder lock
Hinges	Concealed-axis folding door hinges
Operation	Manual; no motor or electrics

Door System

System Type	Bottom-supported, thermally broken folding (bi-fold) glass door
Panel Movement	Sashes fold concertina-style and stack to one or both sides
Opening Direction	Inward or outward opening
Track	Stainless steel bottom track; weight carried on the floor
Rollers	Top and bottom guide trolleys; reinforced trolleys for heavy sashes
Glass Types	Clear, tinted, frosted, laminated, tempered, reflective
Glass Options	Low-E, argon, acoustic, UV protection

Installation

Difficulty	Professional installation
Assembly Time	About 1 day for a 16′ opening
Surfaces	Level slab or deck; head to beam, header or Haven frame
Electrical Required	No
Professional Assembly	Included, by Pergolast installation team

Need the DWG, project drawings or a price? Call (646) 495-9911, email sales@pergolast.com or visit pergolast.com/pages/contact. Sizes, glass, loads and anchoring are confirmed per project in your shop drawings, under local code. Fractions are rounded from metric values. Colors on screen and in print are not exact. Specifications may change; confirm with Pergolast before ordering. Prepared November 2026.