



WINDOWS

Awning

WJ110 thermal-break aluminum · top-hung, outswing · retractable interior screen



THE SYSTEM

A top-hung thermally broken awning on the WJ110 platform. The sash projects outward from the head, so it ventilates in rain and sits above a counter, a vanity or a fixed lite without obstructing the opening.

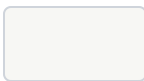
CONSTRUCTION

Frame depth	110 mm (4-5/16")
Frame face	47.5 mm
Sash face	72 mm
Profile wall	2.0 mm, 6063-T5
Thermal break	Polyamide struts, 22 mm
Finish	AkzoNobel Interpon powder coat, AAMA 2604; 2605 and dual-color to order
Hardware	CMECH multipoint lock; 70 kg stays
Screen	Retractable, interior
Drainage	Slots with covers
Opening angle	70°

FINISH



Matte Black



White



Dark Bronze

AkzoNobel Interpon powder coat, AAMA 2604, inside and out. Custom colors, AAMA 2605 and dual-color frames (a different color inside and outside) at an additional charge.

PERFORMANCE

0.37

U-FACTOR

0.23

SHGC

0.55

VT

Manufacturer's whole-window values, not NFRC listed.
Meets IECC Climate Zone 2 ($U \leq 0.40$, $SHGC \leq 0.25$):
San Antonio, Austin, Houston, Phoenix, Tucson.

SIZES

	INCHES	MILLIMETERS
Max width	33 3/8"	850
Max height	70 3/4"	1800
Min width	19 3/4"	500
Min height	23 5/8"	600
Max sash weight	154 lb	70 kg
Max glass	16.4 sq ft	1.53 m ²

Sizes are sash dimensions and reference sizes. Larger sizes on request, confirmed case by case.

GLAZING

Standard	5 mm Low-E double silver + 20 mm argon + 5 mm
Glass	Tempered, every lite, every size

NOT AN EGRESS UNIT

Ventilation only

The awning is specified as a ventilation unit and is not offered as an egress window. Bedroom openings are served by a casement or a sliding window.

Every awning in the Horizon collection glazes at 5 mm. The 6 and 8 mm bands apply to large fixed and sliding units.

CONFIGURATIONS



AWNING



AWNING
OVER
FIXED



TWO
LITES



MULLED
RUN

HOW A HORIZON UNIT IS ORDERED

01

Send the schedule

The window and door schedule or a takeoff with opening sizes, the elevations so mulled runs price as assemblies, and the finish inside and out.

02

Approve the drawings

Shop drawings are issued for every opening and signed before any aluminum is cut.

03

Production and delivery

30 to 40 days production, then about 30 days ocean transit to the warehouse.

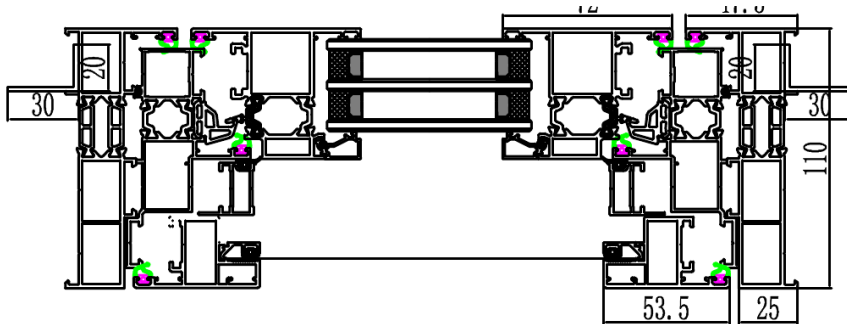


WINDOWS · AWNING

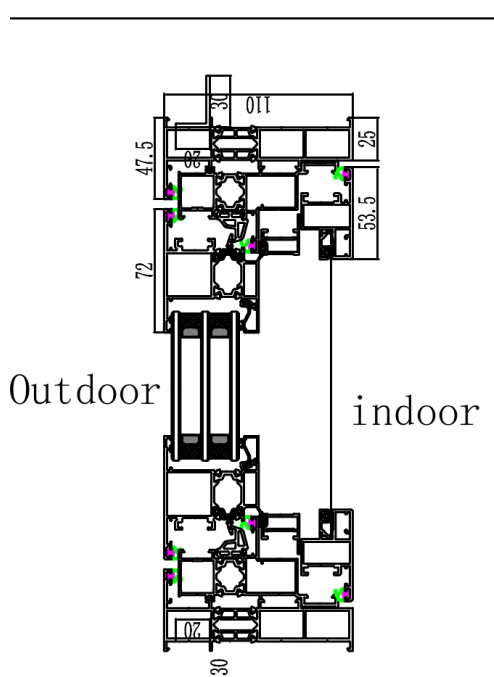
Profile sections

Drawn from the production die on the WJ110 Series platform. All dimensions in millimeters.

PLAN SECTION



HEAD & SILL — VERTICAL



READING THE SECTION

110 Frame depth at head, jamb and sill

47.5 Frame face — the frame sightline

72 Sash face on the operable leaf

Remaining figures on the sections are internal profile and gasket dimensions, issued with the approved shop drawings.

GLASS THICKNESS BY PANE AREA

EACH LITE	PANE, SQ FT	PANE, M ²
5 mm	up to 26.8	0.09–2.49
6 mm	26.9–43.0	2.50–3.99
8 mm	43.1–64.5	4.00–5.99

INSTALLATION

Nail fin **Integral, 4 sides;
setback 7/8"–1-3/8" per
order**

Drainage **Slotted weeps with
covers at the sill**

Opening angle **70°**

**HORIZON — LIMITED
WARRANTY**

Frame, sash, welds	10 years
Insulating glass seal	10 years
Finish — AAMA 2604	10 years
Hardware and screens	3 years

ALSO IN HORIZON

Fixed	110 Series
Casement & awning	WJ110 Series
Tilt & turn	90 Series
Sliding window	4075 Series
Sliding door	4075 Series
Multi-slide	TY120 Series

Sections are supplied for detailing only and are not shop drawings. Approved shop drawings are issued for every order before manufacturing.

Thermal values for this non-certified collection are manufacturer's calculated whole-window figures and carry no NFRC listing. NFRC-certified product is specified in the Summit collection.