



WINDOWS

Casement

80 Series (K80) thermal-break aluminum · outswing · NFRC certified · triple glazed, West and Southwest

NFRC
CERTIFIED

CPD ZHM-M-1-00001-00001
West & Southwest



THE SYSTEM

An outswing thermally broken casement on the 80 Series (K80) platform, certified and listed with the NFRC. The sash opens outward, so the retractable screen sits inside.

CONSTRUCTION

Frame depth	80 mm (3-1/8")
Opening	Outswing
Profile wall	2.0 mm, 6063-T5
Thermal break	Polyamide struts
Finish	AkzoNobel Interpon powder coat, AAMA 2604; 2605 and dual-color to order
Hardware	Roto locking; Coastal 316 stainless handle
Screen	Retractable

NFRC CERTIFIED PERFORMANCE

0.27
U-FACTOR

0.19
SHGC

0.31
VT

Certified and listed with the NFRC, CPD ZHM-M-1-00001-00001. One listing, triple glazed, supplied the same in West and Southwest. Meets California Title 24 ($U \leq 0.27$, $SHGC \leq 0.23$) and the 2021 IECC climate zone 2 limits for Texas and Arizona.

SIZES

	INCHES	MILLIMETERS
Max width	35 3/8"	900
Max height	70 3/4"	1800
Min size	23 5/8" x 23 5/8"	600 x 600
Max sash weight	154 lb	70 kg
Max glass	11.6 sq ft	1.08 m ²

Sash sizes, for reference; larger on request, case by case.

CONFIGURATIONS



SINGLE



PAIR

GLAZING

Standard

Triple glazed: 6 mm Low-E double silver + 12 mm argon + 6 mm clear + 12 mm argon + 6 mm Low-E double silver

Spacer

Warm edge

Glass

Tempered, every lite

EGRESS

35 3/8" W x 32" H
(898 x 810 mm)

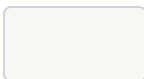
Smallest egress-compliant size, IRC R310: clear opening 30 1/2" x 27 1/8" (5.7 sq ft).

Every Summit lite is triple glazed with two Low-E coatings and tempered, as certified.

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.

HOW A SUMMIT 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

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

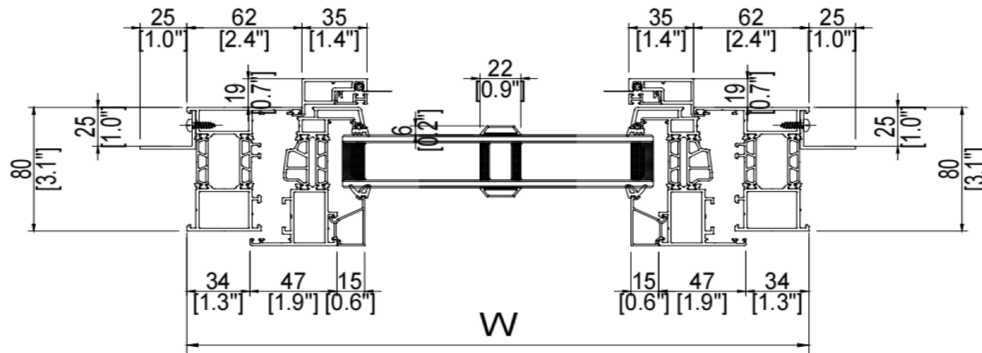


WINDOWS · CASEMENT

Profile sections

Drawn from the production die on the 80 Series (K80) platform. All dimensions in millimeters.

PLAN SECTION

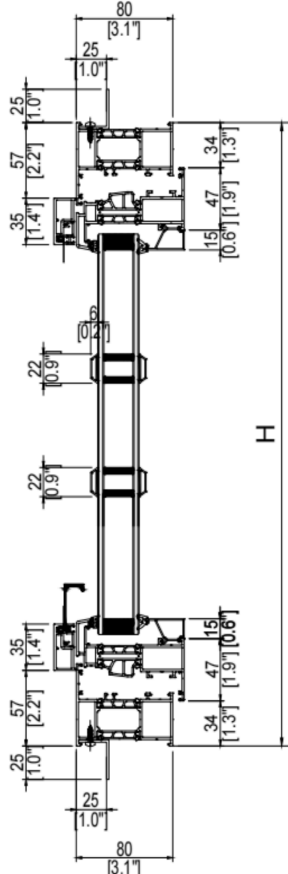


Outdoor

indoor

HEAD & SILL — VERTICAL

Outdoor indoor



READING THE SECTION

80 Frame depth at head, jamb and sill

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

GLAZING MAKE-UP

Outer lite	6 mm Low-E double silver
Cavity	12 mm argon, warm-edge spacer
Center lite	6 mm clear
Cavity	12 mm argon, warm-edge spacer
Inner lite	6 mm Low-E double silver

All lites Tempered

INSTALLATION

Nail fin Integral, 4 sides; setback per order

Drainage Weep slots at the sill

SUMMIT — LIMITED WARRANTY

Frame, sash, welds	10 years
Insulating glass seal	10 years
Finish — AAMA 2604	15 years
Finish — AAMA 2605, to order	20 years
Hardware and screens	10 years

ALSO IN SUMMIT

Fixed	80 Series (K80)
Casement	80 Series (K80)
Swing door	80 Series
Tilt & turn	80 Series (YKT80A)
Sliding door	128 Series

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

Summit thermal values are NFRC certified. Each product and level carries its own CPD number, which a dealer or plan checker can look up in the NFRC Certified Products Directory.