

ESSENCE

# W67BS HI<sup>2</sup>



## OPENING SYSTEM

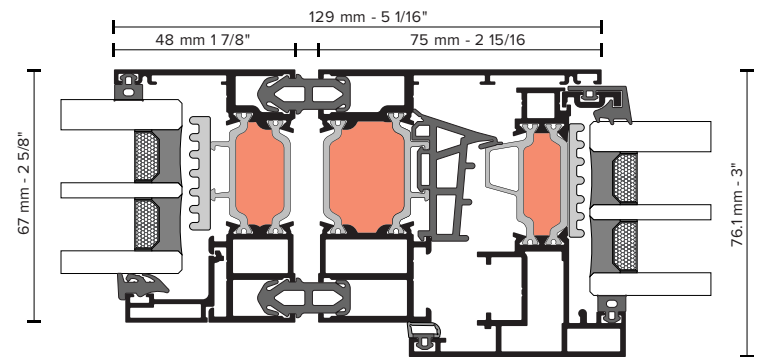
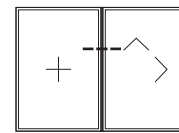
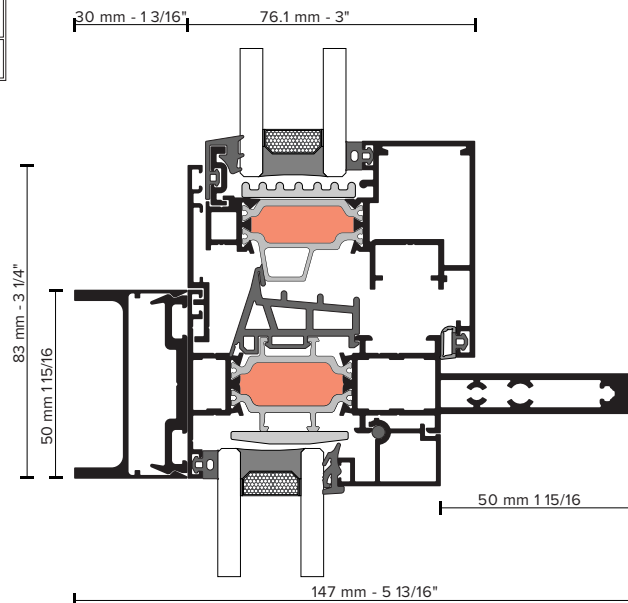
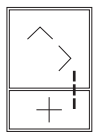
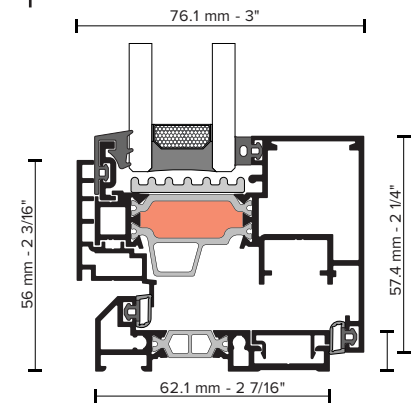
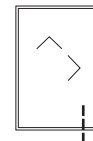
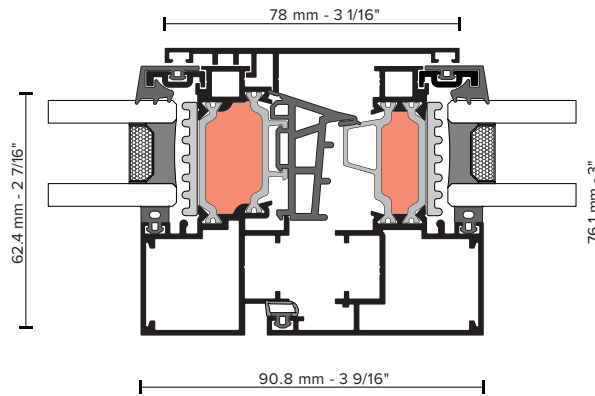
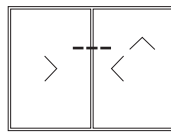
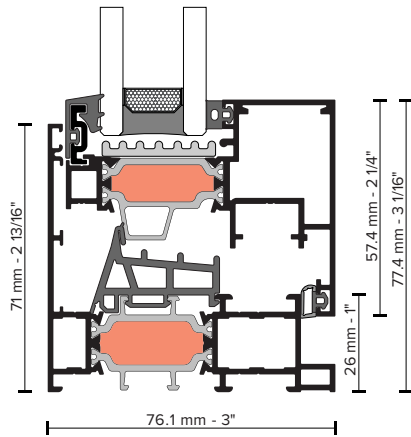
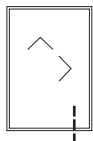
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ESSENCE W67BS combines minimal looks with optimal technologies to produce unparalleled quality according to your project specs.

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The linear design, the variety of solutions and the meticulous performance of the details are tailored to accommodate all your ideas and designs.



# TYPOLOGIES

## INWARD OPENING CONSTRUCTION



Single sash fixed



Single sash fixed with skylight



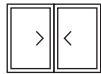
Single sash opening



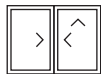
Single sash tilt & turn



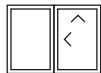
Double sash fixed



Double sash opening



Double sash titl & turn

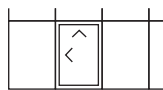


Single sash titl & turn with fixed part



Single sash tilt & turn with fixed parts  
using contractions and expansions

## OUTWARD OPENING CONSTRUCTIONS



Special typology window wall

## TECHNOLOGY

### THERMAL INSULATION

- 1 Insulating Bars **32mm** with Glass Fiber reinforcement **25%**
- 2 **ELVIAL I<sup>2</sup>** \_ Innovative Insulation Technology
- 3 **Co-Extruded** Gasket
- 4 Foam **Insulating** Profile

### SEALING SYSTEM

- 1 Optimal 3-level Waterproofing with specially designed **EPDM** and Co-extruded Gaskets
- 2 **EPDM** Gasket Corners
- 3 EPDM End Caps for **Adjoining Profile**

### INNOVATION

- 1 Static sufficiency, timelessness, and flawless operation achieved through the **Joint Corner** use on the outer side of the sash
- 2 Unified design of **Outer Sealing Gasket** in all ELVIAL BS Systems

## EXTRA FEATURES

### HANDLES FOR UNIQUE STYLE

### COLORS



Black



Inox Satine

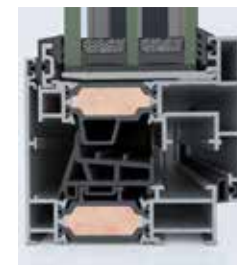


Natural Anodized

## ENERGY LEVELS

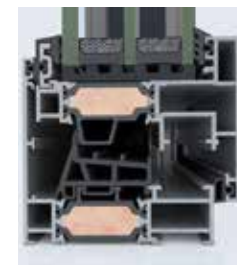


Level 1  
\*Uf:  $\geq 2.2$  W/m<sup>2</sup>K



Level 2  
\*Uf:  $\geq 1.9$  W/m<sup>2</sup>K

\*Energy performances concern the specific sash-frame combination



Level 3  
\*Uf:  $\geq 1.8$  W/m<sup>2</sup>K





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OPENING SYSTEM

## IDENTITY

### DESIGN



### PROPERTIES

Max Sash Height		<b>2.500 mm - 98 7/16"</b>
Max Sash Width		<b>1.400 mm - 55 1/8"</b>
Max Sash Weight		<b>130 kg - 287 lb</b>
Max Glass Thickness		<b>46 or 41 or 28 mm - 1 13/16" or 1 5/8" - 1 1/8"</b>

**ESSENCE W67BS HI<sup>2</sup>** offers you endless solutions in both European groove mechanism **[CE]** and Multilock groove mechanism **[ML]**

## PERFORMANCE

### ENERGY

Thermal Insulation Uf                      EN ISO 10077-2                      **≥1.2 W/m<sup>2</sup>K**

### COMFORT

Air Permeability	EN 12207	<b>Class 4</b> [ 600Pa ]
Watertightness	EN 12208	<b>E1050</b> [ 1.050Pa ]
Resistance to Wind Load	EN 12210	<b>C5 / B5</b> [ 2.000Pa ]
Sound Reduction	EN 10140-2	<b>38dB</b> <sup>Glazing</sup> 6/32/44.2

System by:

ELVIQAL

LEA  
*Windows and Doors*