

ESSENCE

# W67 HI<sup>2</sup>



## OPENING SYSTEM

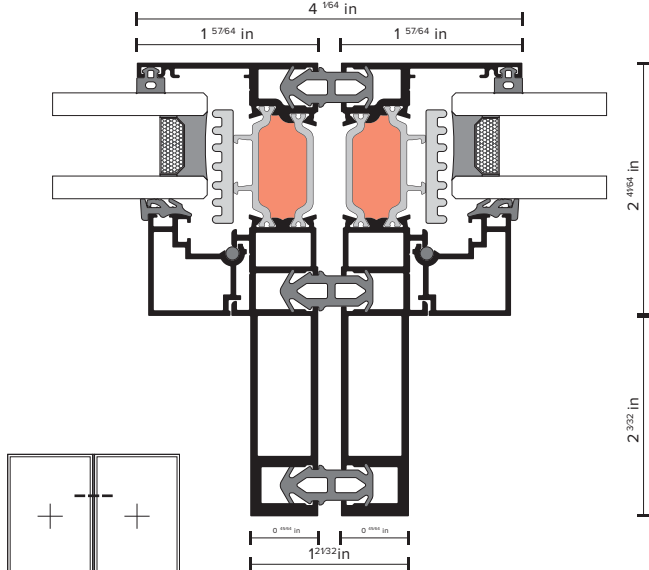
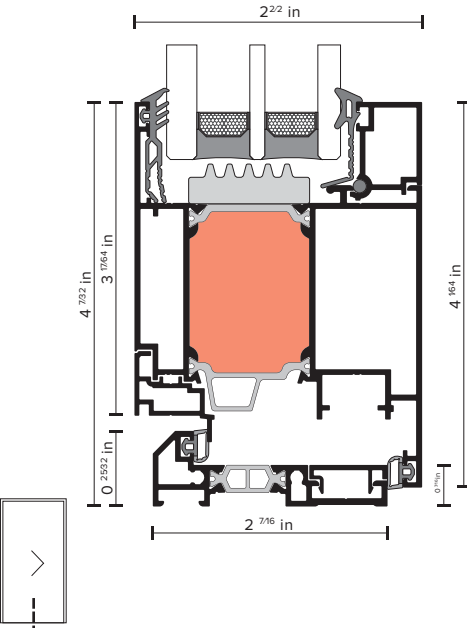
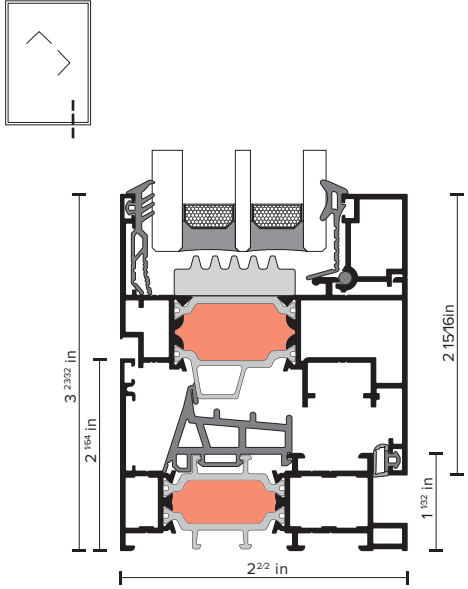
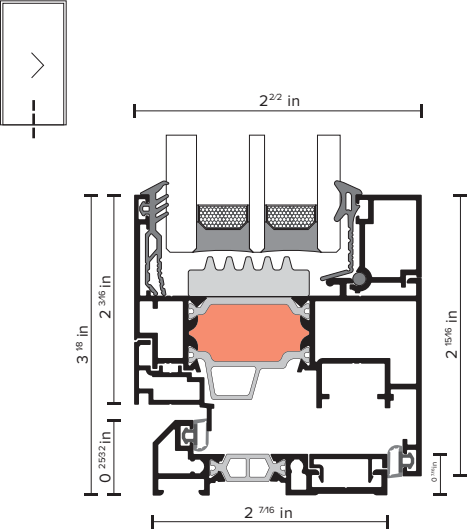
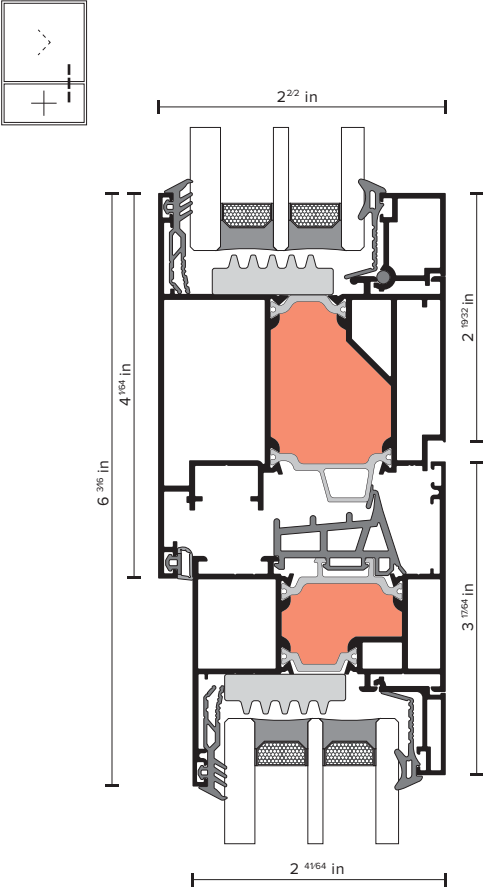
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Essence W67 HI<sup>2</sup> is as elegant as an aluminium profile can get and extremely reliable. It is the go-to solution when flexibility and dependability are of utmost importance.

ESSENCE

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This solution can be adapted to fit your capabilities and aesthetic demands and add an obvious asset to any project.



## TECHNOLOGY

### THERMAL INSULATION

- 1 Insulating Bars  $1\frac{17}{64}$  in with Glass Fiber re-enforcement **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 Cups for **Adjoining Profile**

### INNOVATION

- 1 **Ghost Glazing Gaskets** Minimizes the visible facet and renders the gaskets practically invisible

## EXTRA FEATURES

### HANDLES FOR UNIQUE STYLE



### COLORS



## ENERGY LEVELS



Level 1  
Uf:  $\geq 0.31$  Btu/hr.ft<sup>2</sup>.°F







Level 2  
Uf:  $\geq 0.21$  Btu/hr.ft<sup>2</sup>.°F







Level 3  
Uf:  $\geq 0.19$  Btu/hr.ft<sup>2</sup>.°F

## IDENTITY

### DESIGN

System Depth		<b>2 41/64</b> in
Min Face Height Frame - Sash		<b>3 1/2</b> in
Min Face Height Threshold - Sash		<b>3 7/64</b> in
Min Face Height Middle Mullion		<b>6 1/16</b> in

### PROPERTIES

Max Sash Height		<b>110 15/64</b> in
Max Sash Width		<b>55 1/8</b> in
Max Sash Weight		<b>396</b> lb
Max Glass thickness		<b>2 23/64</b> in

**ESSENCE W67 HI<sup>2</sup>** offers you endless solutions in both European groove mechanism **[CE]** and Multilock groove mechanism **[ML]**

## PERFORMANCE

### ENERGY

Thermal Insulation Uw Triple glazing	NFRC	<b>0.29 Btu/hr.ft<sup>2</sup>.°F</b>
Thermal Insulation Uw Double glazing	NFRC	<b>0.33 Btu/hr.ft<sup>2</sup>.°F</b>

### COMFORT

Air Permeability	NAFS	<b>0.06 cfm/ft<sup>2</sup></b>
Watertightness	NAFS	<b>15 psf</b>
AAMA Rating	NAFS	<b>Class AW</b>
PG Rating	NAFS	<b>100</b>

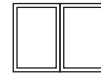
### NAFS

\*For fixed and inward - outward opening

**INWARD**



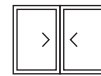
Single sash fixed



Double sash fixed



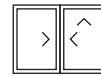
Single sash fixed with skylight



Double sash opening



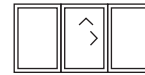
Single sash opening



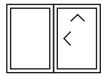
Double sash titl & turn



Single sash tilt & turn



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



Single sash titl & turn with fixed part

**OUTWARD**



Single sash opening window door



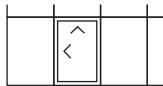
Double sash opening window door



Single sash opening window door with fixed



Single sash projected



Special typology window wall

elvial

SEE LIFE FROM A DIFFERENT  
VIEW THROUGH ELVIAL'S  
ALUMINIUM SYSTEMS

**DISCOVER OUR INNOVATIVE  
TECHNOLOGIES**

ELVIAL I<sup>2</sup> INSULATION TECHNOLOGY  
ELVIAL PRE-ANODIZING 2IN1

**DISCOVER MORE ALUMINIUM  
SYSTEMS**

ICONIC W77 AI<sup>2</sup>  
ICONIC W77BS AI<sup>2</sup>  
ICONIC W77ST AI<sup>2</sup>

ESSENCE W67BS HI<sup>2</sup>  
ESSENCE W67ST HI<sup>2</sup>

ELVIAL W59 SI<sup>2</sup>  
ELVIAL W60BS SI<sup>2</sup>

ESSENCE SL60 HI<sup>2</sup>  
ESSENCE SL60 HI<sup>2</sup> FLAT EDITION  
ELVIAL SL60 HI<sup>2</sup> CLASSIC  
ESSENCE SL50 HI<sup>2</sup> FLAT EDITION  
ELVIAL SL50 HI<sup>2</sup> CLASSIC

ELVIAL SL46 SI<sup>2</sup> CLASSIC  
ELVIAL SL46 SI<sup>2</sup> FLAT EDITION  
ELVIAL SL46 SI<sup>2</sup>\_MD

ICONIC D77 AI<sup>2</sup>  
ESSENCE D67 HI<sup>2</sup>

ESSENCE SD55  
ESSENCE CLADDING CL180

[elvial.com](https://www.elvial.com)

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