



**Phius Product Number:** W-101686  
**Date Last Certified:** 10/03/2023  
**THERM Files Available:** No

**Phius Certification Path:** Orange Path  
**Valid Through:** 10/03/2025  
**Air Leakage Test Data Available:** No



## PRODUCT INFORMATION

**Product Name:** VETTA Elite E92 Operable Window

**Manufacturer:** VETTA Windows and Doors

**Primary Frame Material:** Aluminum Clad Wood

**Series:** Elite E92

**Fixed or Operable:** Operable

**Model:** Operable Window

**Operation Type:** Casement

## IGU DETAILS

**Glazing Name:** EN2plus #2 #5 - 4 EF | 18 Ar 90 | 4 EF | 18 Ar 90 | 4 EF

**Glass Layers:** Triple

**Gas Fill:** Argon

**Spacer:** ALU-PRO MULTITECH G

## RECOMMENDED CLIMATE ZONES (NOTE: This information is not for use in building energy models. See next section.)

**Recommended Climate Zones and Whole-Window U-values by Zone, at Standard Model Size [Btu/hr·ft<sup>2</sup>·°F]**

| Climate Zone      | 0, 1, 2 | 3A   | 3B   | 3C   | 4A, 4B | 4C, 5C | 5A, 5B | 6    | 7    | 8    |
|-------------------|---------|------|------|------|--------|--------|--------|------|------|------|
| Recommended Zones |         |      |      | ✓    | ✓      | ✓      |        |      |      |      |
| U-Whole-Window    | 0.16    | 0.16 | 0.16 | 0.16 | 0.16   | 0.16   | 0.16   | 0.16 | 0.17 | 0.17 |

**Modeled Size [W×H]**

23.62" × 59.06"

**SHGC, Whole Window:** 0.26

**Condensation Resistance:**

## COMPONENT-LEVEL PERFORMANCE DATA [IP Units] | *Compatible with building energy modeling tools*

### U-COG | Center of Glass U-Values, by Climate Zone [Btu/hr·ft<sup>2</sup>·°F]

| Climate Zone | 0, 1, 2 | 3A   | 3B   | 3C   | 4A, 4B | 4C, 5C | 5A, 5B | 6    | 7    | 8    |
|--------------|---------|------|------|------|--------|--------|--------|------|------|------|
| U-COG Value  | 0.10    | 0.10 | 0.10 | 0.10 | 0.10   | 0.10   | 0.11   | 0.11 | 0.12 | 0.12 |

### SHGC-COG | Center of Glass Solar Heat Gain Coefficient, All Climate Zones

0.53

| Frame Parameters                                                                                                           | Left Jamb   | Right Jamb   | Head       | Sill          |
|----------------------------------------------------------------------------------------------------------------------------|-------------|--------------|------------|---------------|
| <b>Frame Section</b>                                                                                                       | <b>Left</b> | <b>Right</b> | <b>Top</b> | <b>Bottom</b> |
| <b>Frame Width</b>                                                                                                         | 4.76"       | 4.76"        | 4.76"      | 5.55"         |
| <b>Frame U-Value [Btu/hr·ft<sup>2</sup>·°F]</b>                                                                            | 0.19        | 0.19         | 0.19       | 0.22          |
| <b>Glazing-to-Frame Psi Value [Btu/hr·ft·°F]</b>                                                                           | 0.0099      | 0.0099       | 0.0099     | 0.0097        |
| <b>Frame-to-Wall Psi Value</b> is dependent on the on-site installation condition. (See Phius Guidebook for more details.) |             |              |            |               |



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**Product Name:** VETTA Elite E92 Operable Window

**Manufacturer:** VETTA Windows and Doors

**Primary Frame Material:** Aluminum Clad Wood

**Series:** Elite E92

**Fixed or Operable:** Operable

**Model:** Operable Window

**Operation Type:** Casement

## IGU DETAILS

**Glazing Name:** EN2plus #2 #5 - 4 EF | 18 Ar 90 | 4 EF | 18 Ar 90 | 4 EF

**Glass Layers:** Triple

**Gas Fill:** Argon

**Spacer:** ALU-PRO MULTITECH G

## RECOMMENDED CLIMATE ZONES (NOTE: This information is not for use in building energy models. See next section.)

**Recommended Climate Zones and Whole-Window U-values by Zone, at Standard Model Size [W/m<sup>2</sup>K]**

| Climate Zone         | 0, 1, 2         | 3A   | 3B   | 3C                       | 4A, 4B | 4C, 5C | 5A, 5B | 6                        | 7    | 8    |
|----------------------|-----------------|------|------|--------------------------|--------|--------|--------|--------------------------|------|------|
| Recommended Zones    |                 |      |      | ✓                        | ✓      | ✓      |        |                          |      |      |
| U-Whole-Window       | 0.92            | 0.91 | 0.91 | 0.92                     | 0.91   | 0.91   | 0.92   | 0.93                     | 0.95 | 0.97 |
| Modeled Size [W × H] | 0.60 m × 1.50 m |      |      | SHGC, Whole Window: 0.26 |        |        |        | Condensation Resistance: |      |      |

## COMPONENT-LEVEL PERFORMANCE DATA [SI Units] | *Compatible with building energy modeling tools*

### U-COG | Center of Glass U-Values, by Climate Zone [W/m<sup>2</sup>K]

| Climate Zone                                                              | 0, 1, 2 | 3A   | 3B   | 3C   | 4A, 4B | 4C, 5C | 5A, 5B | 6    | 7    | 8    |
|---------------------------------------------------------------------------|---------|------|------|------|--------|--------|--------|------|------|------|
| U-COG Value                                                               | 0.59    | 0.58 | 0.58 | 0.59 | 0.58   | 0.58   | 0.60   | 0.62 | 0.67 | 0.70 |
| SHGC-COG   Center of Glass Solar Heat Gain Coefficient, All Climate Zones |         |      |      |      |        |        |        | 0.53 |      |      |

| Frame Parameters                                                                                                    | Left Jamb | Right Jamb | Head   | Sill   |
|---------------------------------------------------------------------------------------------------------------------|-----------|------------|--------|--------|
| Frame Section                                                                                                       | Left      | Right      | Top    | Bottom |
| Frame Width                                                                                                         | 121 mm    | 121 mm     | 121 mm | 141 mm |
| Frame U-Value [W/m <sup>2</sup> K]                                                                                  | 1.08      | 1.08       | 1.08   | 1.25   |
| Glazing-to-Frame Psi Value [W/mK]                                                                                   | 0.0172    | 0.0172     | 0.0172 | 0.0168 |
| Frame-to-Wall Psi Value is dependent on the on-site installation condition. (See Phius Guidebook for more details.) |           |            |        |        |