



**Phius Product Number:** W-101685  
**Date Last Certified:** 10/03/2023  
**THERM Files Available:** No

**Phius Certification Path:** Orange Path  
**Valid Through:** 01/31/2028  
**Air Leakage Test Data Available:** No



| PRODUCT INFORMATION  |   |                                    |
|--|---|------------------------------------|
| <b>Product Name:</b> VETTA Elite E92 Fixed Window                          |   |                                    |
| <b>Manufacturer:</b> VETTA Windows and Doors                               | <b>Primary Frame Material:</b> Aluminum Clad Wood |                                    |
| <b>Series:</b> Elite E92   | <b>Fixed or Operable:</b> Fixed                   |                                    |
| <b>Model:</b> Fixed Window   | <b>Operation Type:</b> Fixed                      |                                    |
| IGU DETAILS  |   |                                    |
| <b>Glazing Name:</b> ZERO #2 #5 - 4 EF   18 Ar 90   4 EF   18 Ar 90   4 EF |   |                                    |
| <b>Glass Layers:</b> Triple  | <b>Gas Fill:</b> Argon                            | <b>Spacer:</b> ALU-PRO MULTITECH G |

| RECOMMENDED CLIMATE ZONES <i>(NOTE: This information is not for use in building energy models. See next section.)</i> |                 |      |      |                                 |        |        |        |                                 |      |      |  |
|---|-----------------|------|------|---------------------------------|--------|--------|--------|---------------------------------|------|------|--|
| 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    |  |
| <b>Recommended Zones</b>  |                 |      |      | ✓                               | ✓      | ✓      | ✓      |                                 |      |      |  |
| <b>U-Whole-Window</b>   | 0.13            | 0.13 | 0.13 | 0.13                            | 0.13   | 0.13   | 0.13   | 0.13                            | 0.14 | 0.14 |  |
| <b>Modeled Size [W×H]</b>   | 47.24" × 59.06" |      |      | <b>SHGC, Whole Window:</b> 0.26 |        |        |        | <b>Condensation Resistance:</b> |      |      |  |

**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    |
| <b>U-COG Value</b>   | 0.09    | 0.09 | 0.09 | 0.09 | 0.09   | 0.09   | 0.10   | 0.10 | 0.11 | 0.12 |
| <b>SHGC-COG   Center of Glass Solar Heat Gain Coefficient, All Climate Zones</b> |         |      |      |      |        |        |        | 0.35 |      |      |

| Frame Parameters  | Left Jamb | Right Jamb | Head   | Sill   |
|---|-----------|------------|--------|--------|
| Frame Section   | Left      | Right      | Top    | Bottom |
| <b>Frame Width</b>  | 3.54"     | 3.54"      | 3.66"  | 3.54"  |
| <b>Frame U-Value</b> [Btu/hr·ft <sup>2</sup> ·°F]   | 0.20      | 0.20       | 0.19   | 0.22   |
| <b>Glazing-to-Frame Psi Value</b> [Btu/hr·ft·°F]  | 0.0094    | 0.0094     | 0.0098 | 0.0095 |
| <b>Frame-to-Wall Psi Value</b> is dependent on the on-site installation condition. <i>(See Phius Guidebook for more details.)</i> |           |            |        |        |



**Phius Product Number:** W-101685  
**Date Last Certified:** 10/03/2023  
**THERM Files Available:** No

**Phius Certification Path:** Orange Path  
**Valid Through:** 01/31/2028  
**Air Leakage Test Data Available:** No



| PRODUCT INFORMATION  |   |                                    |
|--|---|------------------------------------|
| <b>Product Name:</b> VETTA Elite E92 Fixed Window                          |   |                                    |
| <b>Manufacturer:</b> VETTA Windows and Doors                               | <b>Primary Frame Material:</b> Aluminum Clad Wood |                                    |
| <b>Series:</b> Elite E92   | <b>Fixed or Operable:</b> Fixed                   |                                    |
| <b>Model:</b> Fixed Window   | <b>Operation Type:</b> Fixed                      |                                    |
| IGU DETAILS  |   |                                    |
| <b>Glazing Name:</b> ZERO #2 #5 - 4 EF   18 Ar 90   4 EF   18 Ar 90   4 EF |   |                                    |
| <b>Glass Layers:</b> Triple  | <b>Gas Fill:</b> Argon                            | <b>Spacer:</b> ALU-PRO MULTITECH G |

| RECOMMENDED CLIMATE ZONES <i>(NOTE: This information is not for use in building energy models. See next section.)</i> |                 |      |                                 |      |        |        |                                 |      |      |      |
|---|-----------------|------|---------------------------------|------|--------|--------|---------------------------------|------|------|------|
| 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    |
| <b>Recommended Zones</b>  |                 |      |                                 | ✓    | ✓      | ✓      | ✓                               |      |      |      |
| <b>U-Whole-Window</b>   | 0.73            | 0.73 | 0.72                            | 0.73 | 0.72   | 0.72   | 0.74                            | 0.76 | 0.80 | 0.82 |
| <b>Modeled Size [W × H]</b>   | 1.20 m × 1.50 m |      | <b>SHGC, Whole Window:</b> 0.26 |      |        |        | <b>Condensation Resistance:</b> |      |      |      |

**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    |
| <b>U-COG Value</b>   | 0.53    | 0.53 | 0.52 | 0.53 | 0.52   | 0.52   | 0.55   | 0.57 | 0.62 | 0.66 |
| <b>SHGC-COG   Center of Glass Solar Heat Gain Coefficient, All Climate Zones</b> |         |      |      |      |        |        |        | 0.35 |      |      |

| Frame Parameters  | Left Jamb | Right Jamb | Head   | Sill   |
|---|-----------|------------|--------|--------|
| Frame Section   | Left      | Right      | Top    | Bottom |
| <b>Frame Width</b>  | 90 mm     | 90 mm      | 93 mm  | 90 mm  |
| <b>Frame U-Value [W/m<sup>2</sup>K]</b>   | 1.12      | 1.12       | 1.10   | 1.26   |
| <b>Glazing-to-Frame Psi Value [W/mK]</b>  | 0.0164    | 0.0164     | 0.0171 | 0.0166 |
| <b>Frame-to-Wall Psi Value</b> is dependent on the on-site installation condition. <i>(See Phius Guidebook for more details.)</i> |           |            |        |        |