



glassTINT & glassTINT+

CARVART's glassTINT and glassTINT > Plus powered by Halio® start transitioning within 15 seconds, achieving darkest tint in just three minutes to provide privacy or reject excessive heat and glare on demand. With uniform and unlimited tinting options, interior partitions, and walls with CARVART, powered by Halio® can provide maximum daylight views or respond to rapidly changing environments to achieve performance, comfort and aesthetic goals.

glassTINT

98%

OPAQUE*

CARVART®

POWERED BY

HALIO®

glassTINT+

99.9%

OPAQUE**

*Relative to visible light transmittance of 2% (VLT)

**Relative to visible light transmittance of 0.1% (VLT)

*** Halio® is a registered trademark of Kinestral Technologies, Inc. and is used here with permission.

Specifications

GLASS SIZE

- glassTINT: Standard Laminated Panel Thickness: 9/16" [13.5mm]
- glassTINT+: Standard Laminated Panel Thickness: 11/16" [13.5mm]
- Maximum Size - 59-3/8" x 120-3/8"
- Minimum Size - 23-15/16" x 23-15/16"

PRE-WIRING

- glassTINT wires to (0-298') Driver Cabinets which wire to (0-350') Power Supply Cabinet
- One 120V, 20A Service provides support for 40 Switch Windows that are 5'x10'.
- Simple 16 AWG 2 conductor plenum cable provides Low Voltage (48VDC) to Driver Cabinet

SOUND TRANSMITTANCE

39 STC (42 STC with IGU)

WIRING LOCATION

glassTINT connects to driver cabinet, which is connected to a power supply. The Power Supply Cabinet can connect to the Cloud which can connect to:

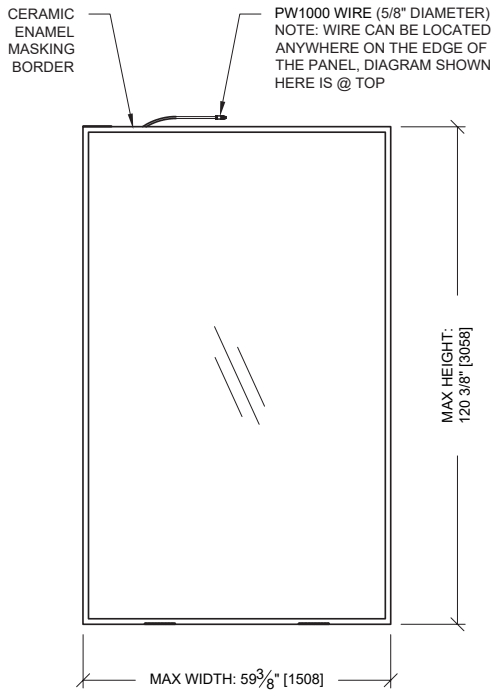
- Mobile App
- Amazon Echo
- External Sensor

PERFORMANCE OVERVIEW

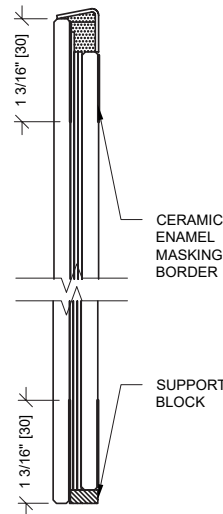
- Visible Light Transmission (VLT): Clear 65% / Tinted 2%
- U-Factor - 0.26
- Reflectance Outside: Clear 17% / Tinted 6%
- Reflectance Inside: Clear 16% / Tinted 12%
- Response Time - Less than 15 Seconds
- Switching Time - Less than 3 Minutes

Description

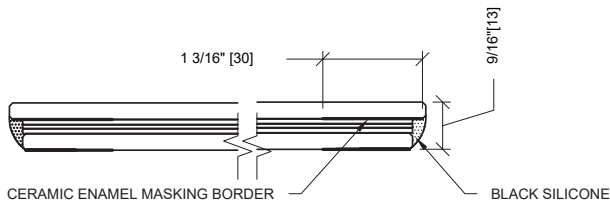
Laminated glass panel that can switch between opaque and transparent view.



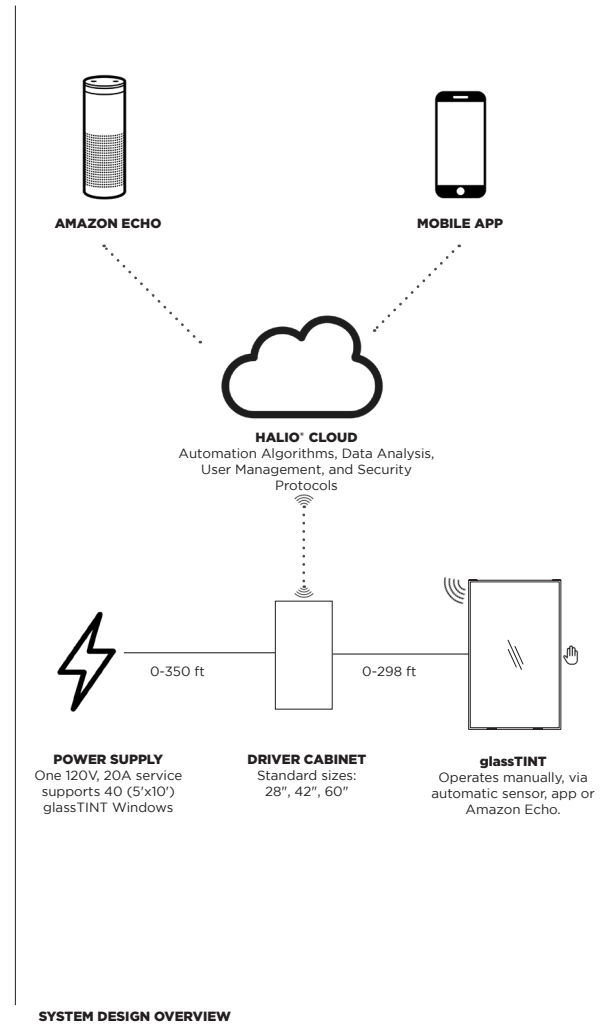
TYPICAL ELEVATION



TYPICAL VERTICAL



TYPICAL HORIZONTAL



Specification code: **AG-S-TNT**

Line: **AG (Architectural Glass)**
Type: **S (Switch)**
ID: **TNT (Tint)**

AG

LINE

S

TYPE

TNT

ID

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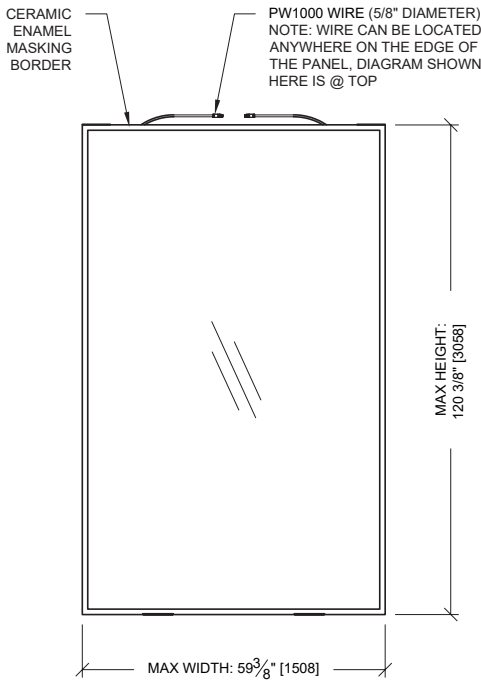
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PERFORMANCE OVERVIEW

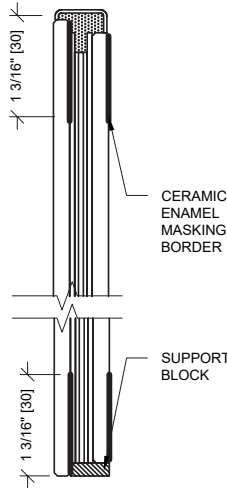
- Visible Light Transmission (VLT): Clear 52% / Tinted 0.1%
- U-Factor - 0.28
- Reflectance Outside: Clear 17% / Tinted 5%
- Reflectance Inside: Clear 19% / Tinted 11%
- Response Time - Less than 15 Seconds
- Switching Time - Less than 3 Minutes

Description

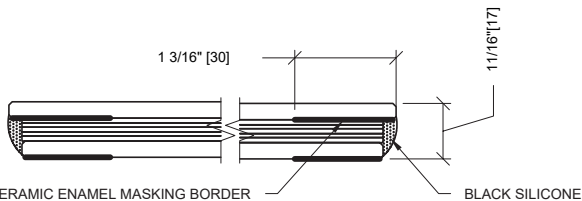
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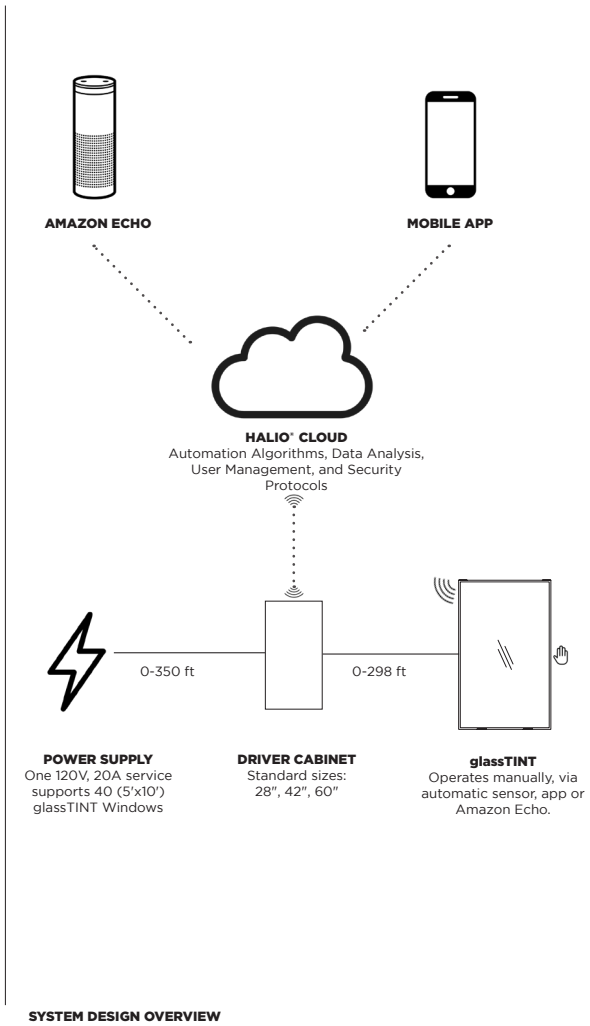
TYPICAL ELEVATION



TYPICAL VERTICAL



TYPICAL HORIZONTAL



Specification code: **AG-S-TNT+**

Line: **AG (Architectural Glass)**
Type: **S (Switch)**
ID: **TNT+ (Tint Plus)**

AG

LINE

S

TYPE

TNT+

ID