



## Architectural Heated Glass distinguishing features

Experience in European markets and business relationships with European Heated Glass companies

Introduced Architectural Heated Glass to North America in 2004

Strategic Alliances with Heated Glass companies all over the globe

(6) years experience in North America, over (30) projects with U.L. Certifications and National Electrical Code compliance

Architectural Representative for Colorado Warm Windows, Thermique Technologies (6) years

Deep experience of implementing any manufacturer's window and door systems into Curtain Wall and Sunroom applications

[www.durangosolariums.com](http://www.durangosolariums.com)

U.L.- certified Heated Glass for line voltages-110/120V AC, with NEC Compliance

U.L.- certified Heated Glass for line voltages-208/220/240 V DC, with NEC Compliance

ETL - certified Heated Glass for low voltages- <48V DC

U.L. - certified Heated Glass in Skylights

U.L. - certified 3- wattage setting controllers for line-voltage, (110/120VAC), Architectural Heated Glass

ETL. - certified Variable Temperature controllers for line-voltage, (110/120VAC & 208/220/240 VDC), Architectural Heated Glass

Quality Assurance published specifications for contract documents

Member - National Rural Electrical Cooperatives Association (NRECA) - (4) years

Member - American Society of Healthcare Engineers - (2) years

Member - American Association of Museums (1) year

Only AIA-Accredited Course for Architectural Heated Glass: Presenter - (3) years. Provides (1) AIA credit for Architect CEU's

"Designing with High Performance Heated Glass" AIA BLO776, George Usinowicz  
Condensation-free, NEC Code-Compliant line voltage Heated Glass Skylights

Condensation-free, NEC Code-Compliant line voltage Wet-environment applications

(5) years seamless operation in Ruth's Chris Steak House, Aspen, CO, and Strater Hotel, Durango, CO

Glass Magazine Publication: "How to Install Hot Glass", October 2005, Author: George Usinowicz

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Coordinated two-year, \$147,000.00 applications study with Fort Lewis College Department of Engineering and Physics, and La Plata Electric Association, Durango, CO for NRECA national study

“Warm Windows on Cold Colorado Days”, Rural Electric CoOp Magazine, May 2006

First to interface heated glass with Photovoltaic Solar panels, November 2006, Ft. Lewis College and La Plata Electric Assn. In design

Safely and securely installed without risk for the oldest building in New York City, The Fraunces Museum and Tavern

Three year design and development for solutions to the lobby glass of the Guggenheim Museum, New York City, NY

Thermique Rep. recipient for Glass Magazine’s Crystal Achievement Award for “Most Innovative Commercial Window” 2006

Predictive analysis calculator for Dew Point interception on interior surfaces of glass in exterior building walls

Calculator worksheets for all Transparent Conductive Oxide coatings for Power Density in Watts/Sq.ft., and Current in Amps Low-Voltage only

Invitation to serve on new Glass Association of North America subcommittee to address new ASHRAE standards for building glass

Conversion experience in many manufacturers’ window and door frames Maybe 1 or 2  
110/120 VAC Code-compliant applications in operable doors and windows

110/120 VAC Code-compliant applications in operable doors and windows

208/220/240 V DC Code-compliant applications in operable doors and windows

110/120 VAC Code-compliant application for Healthcare Laboratory incubator

110/120 VAC Code-compliant applications in residential shower enclosures

Presented to over 4,500 professional design and building industry personnel over the last (6) years  
45? - 450?

WarmVue controller has no RFI/EMI interference. This can disrupt wireless devices and home audio and video equipment.

**Contact us for more information!**

**George Usinowicz**

President

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