



# ANTI-SWEAT ENERGY MANAGER

Proven Results

Sensible Energy Management

GLASS SENTRY  
Model GSR-C



REACH-IN SERIES

Small accurate sensors can easily and discreetly be installed.



The "Glass Sentry Reach-in Series" is a diverse series of 4 controllers designed to handle 7A loads typically found in reach-in applications.

The GSR-C is a closed loop single output unit. One combination sensor monitors both the air temperature & humidity and a microprocessor uses those readings to mathematically calculate the dew point of the outside air in contact with the door. A second temperature sensor is mounted at the coldest part of the door frame to monitor the surface temperature of the door frame. The controller compares the dew point with the surface temperature. Whenever the surface temperature drops below the dew point, the heaters are allowed to run thereby assuring that the surface temperature of the glass is properly elevated so condensation is impossible.

The unit is compact and will easily fit into the mullion of the frame. It can thereby be installed at the factory or it can be retrofitted in the field.

The *Glass Sentry* line is the "Go To" line for anti-sweat heater controls. We have been the leader in this market for over 15 years. All of our products are UL recognized and we offer private labeling options. We regularly sign nondisclosure agreements with OEMs and work with them to provide proprietary controllers for their particular corporation.

### *Distinct Advantages of GSR-C:*

- | Only runs the frame heaters enough to keep the temperature of the glass above the dew point
- | Built in intelligence of a closed loop system automatically adjusts heater run time as conditions in the store change
- | *Glass Sentry* can control heater loads as high as 7 amps, allowing one unit to handle multiple doors
- | Small highly accurate sensors are easy to install and very discreet



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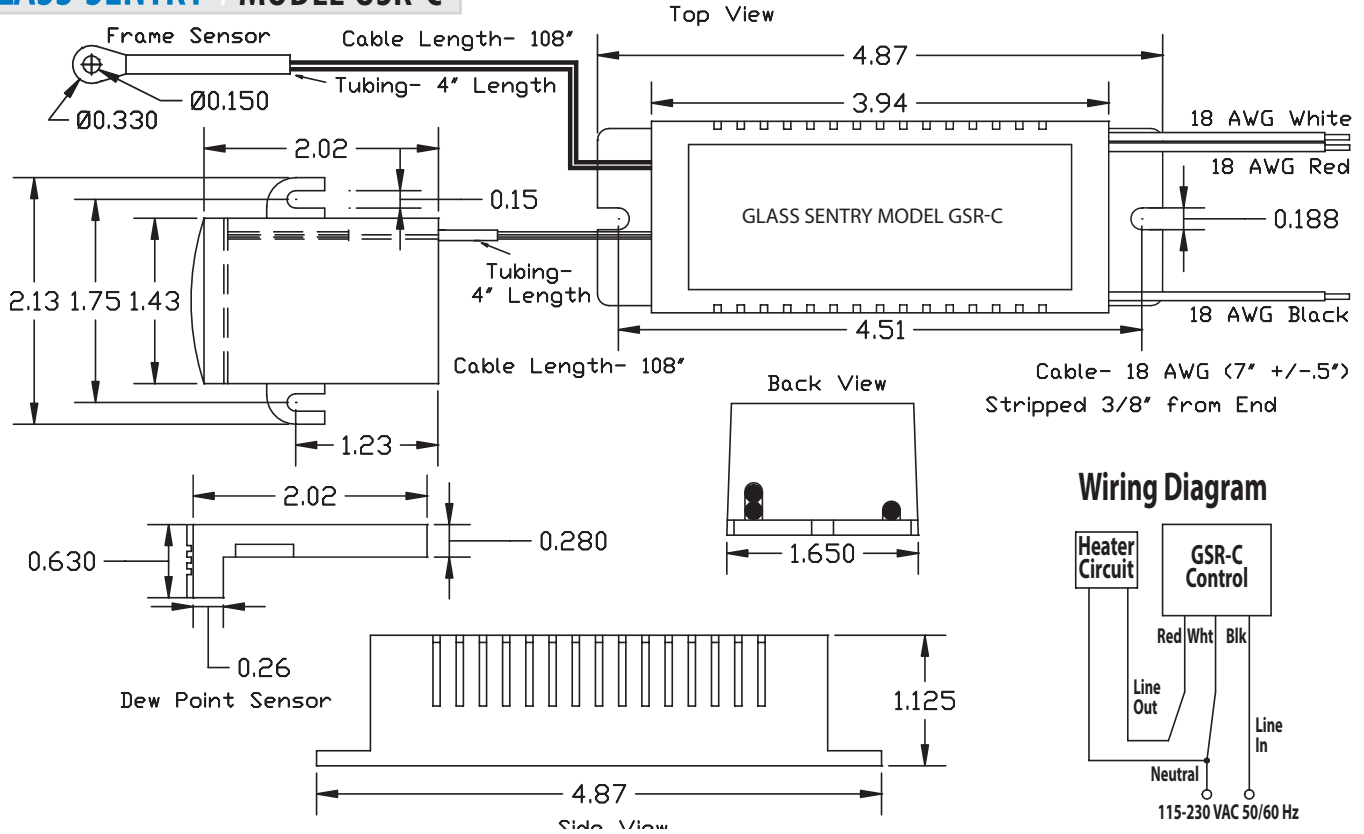


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## GLASS SENTRY | MODEL GSR-C



### GSR-C Specifications:

Input Voltage:	115-230 VAC
Frequency:	50-60 Hz
Min. Heater On Time:	3 minutes
Sensitivity Adj. Range:	0-10° C
Heater On Level:	Dew Point
Heater Off Level:	Dew Point + 2 C
Max. Load:	7 Amps
Max. Ambient Temperature:	70° C
UL:	Recognized

## GLASS SENTRY | REACH-IN SERIES GSR-C

**STEP 1 - INSTALL GLASS SENTRY**  
 The Model GSR-C is compact enough to be installed inside the mullion or wireway of any door frame system.

**STEP 2 - INSTALL SENSORS**  
 Frame sensor is mounted on the coldest spot of the door frame system while the dew point sensor is mounted on the ledge of the frame.

**STEP 3 - SAVE ENERGY AND MONEY**  
 The Model GSR-C can save up to 80% of the energy normally used for anti-sweat heating.

