

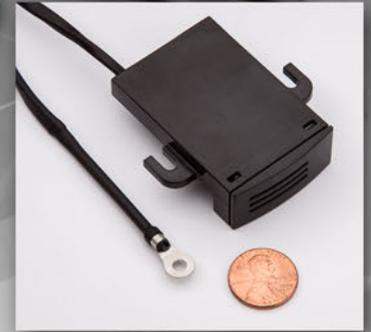


# ANTI-SWEAT ENERGY MANAGER

Sensible Energy Management

Proven Results

**GLASS SENTRY**  
Model GSW-C



Small accurate sensors can easily and discreetly be installed.

## WALK-IN SERIES

The "Glass Sentry Walk-in Series" is a diverse series of 4 controllers designed to handle 10A loads typically found in walk-in applications.

The GSW-C is a closed loop single output unit that is designed to handle both the door heaters and the frame heaters together. Closed loop designs take a direct approach to control heater run time. A combination sensor monitors both the air temperature and humidity and those readings are used to mathematically calculate the dew point of the outside air in contact with the door. A separate 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 and then allows the heaters to run only when the frame temperature is below the dew point. Whenever the surface temperature drops below the dew point, the heaters are allowed to run and the heaters remain on for a minimum of 3 minutes or until the surface temperature rises 2 degrees above the dew point 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 and we are considered the leader in this market for 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 GSW-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
- | GSW-C can control heater loads as high as 10 amps, allowing one unit to handle multiple doors
- | Small highly accurate sensors are easy to install and are very discreet

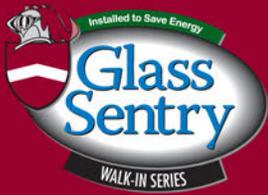


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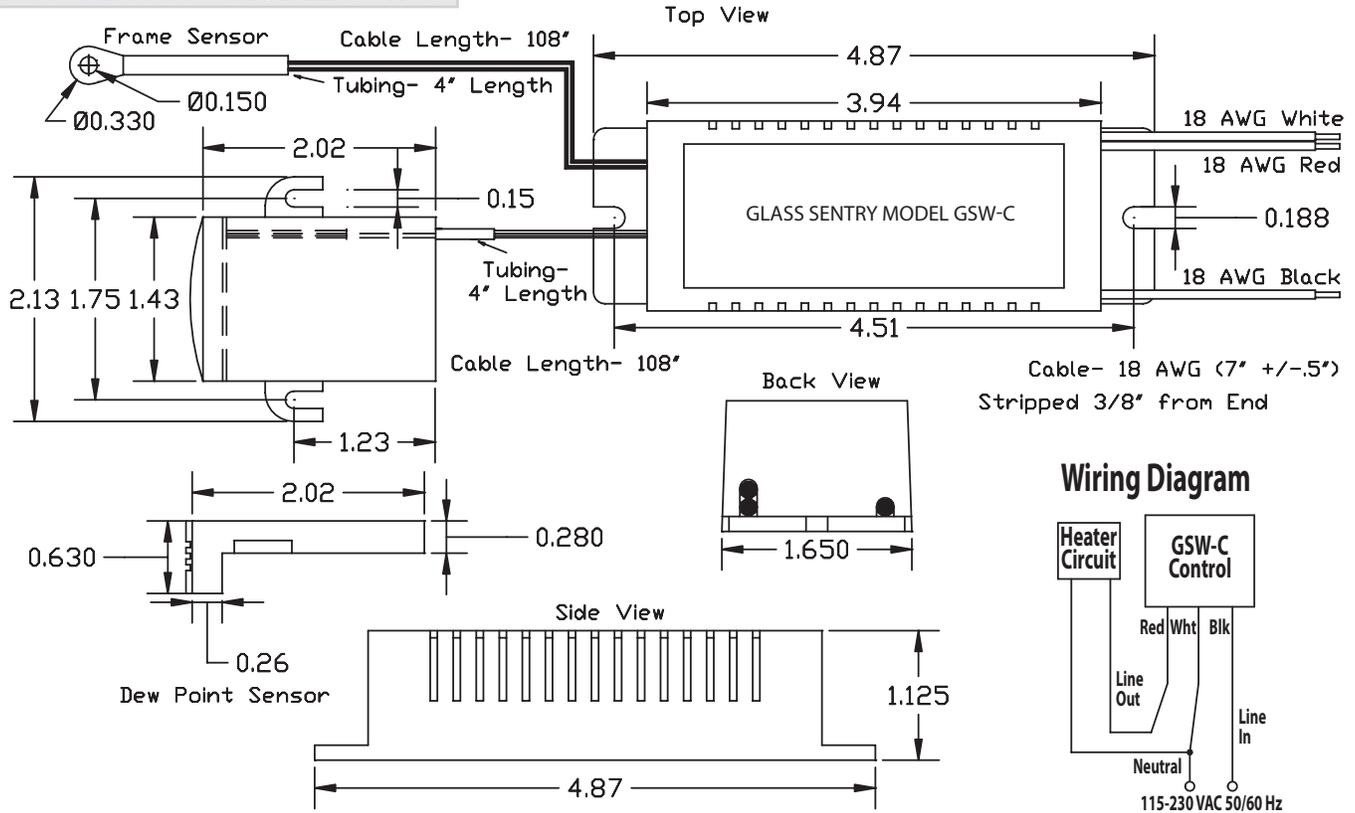


# ANTI-SWEAT ENERGY MANAGER

## Sensible Energy Management

*Proven Results*

### GLASS SENTRY | MODEL GSW-C



#### GSW-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:	10 Amps
Max. Ambient Temperature:	70° C
UL:	Recognized

### GLASS SENTRY | WALK-IN SERIES GSW-C

**STEP 1 - INSTALL GLASS SENTRY**  
 The Model GSW-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 GSW-C can save up to 80% of the energy normally used for anti-sweat heating.

