

Chroma-RG Commercial De-Icing Controller

- Automatic Control for Roof and Gutter De-icing
- Integrated Electronic Controller with Backlit LCD Display
- Adjustable Temperature Set-point
- User Friendly Interface
- Multiple Sensors Input – Up to 4 Temperature/Moisture Sensors
- Up to 30A & 120/208/240V Outputs to the Heaters Load
- Integrated Ground Fault Sensor
- Adjustable Hold-On-OFF Delay
- Optional Manual On override
- Technician Test/Commissioning Mode for Easy and Fast System Testing year Round
- Modbus Communications (Optional)
- ETL Certification (US and Canada)
- RoHS



Description

The Chroma-RG series of controls is a "Plug and Play" controller for roof and gutter applications. When the snow sensor senses a temperature below the set-point and moisture is present, it activates the contactor energizing the heating elements.

The Technician mode allows installers or technicians to adjust the parameters for customized installations using the electronic controller installed in the front panel. The adjustable Hold-On timer, keeps the outputs to the heaters active to ensure complete freeze protection.

The Hold-On (Time delay) is adjustable in the from 0 to 99 hours. The Chroma-FP Built-in Ground Fault interrupter allows manual reset from the front panel. Three LEDs visible through the transparent plastic cover provides information about the status of the system.

Specifications

Chroma-RG Controller

Indoor Ambient Operating Temperature.....	-10°F to 122°F (-10° C to 50°C)
Power Switching.....	Mechanical
Number of Circuits	1
Input Voltage.....	120, 208 or 240 VAC
Heater Voltage.....	120, 208 or 240 VAC
Communications.....	Modbus (optional)
Adjustable Parameters	Set-Point, Upper and Lower Limit Temperature, Hold- On/OFF Delay, Manual On time, Commissioning/Test Mode

Chroma-FP Models

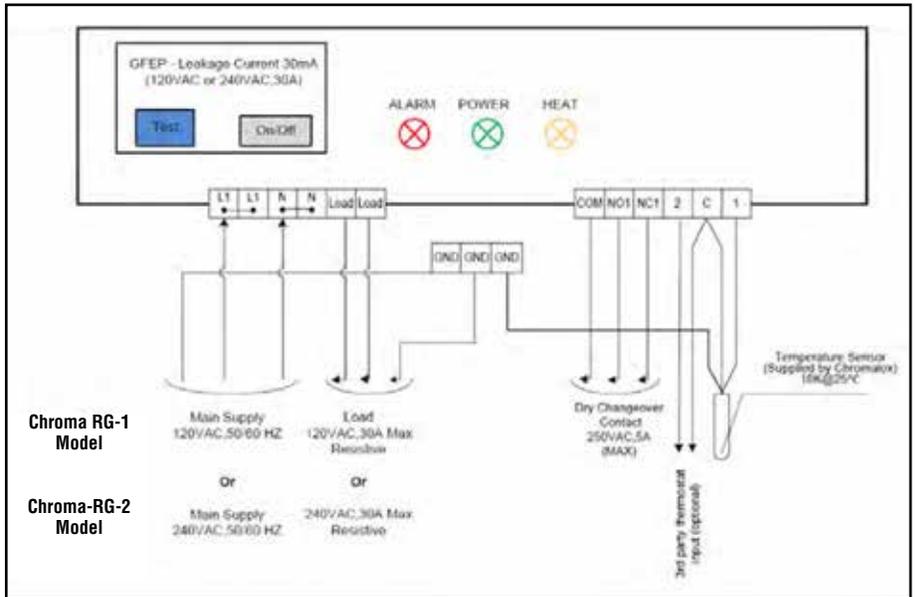
- Chroma-RG1 – Power box with 1 contactor (30A) & 120V output to heaters
*Includes CS-AS Snow Sensor
- Chroma-RG2 – Power box with 1 contactor (30A) & 208/240V output to heaters
*Includes CS-AS Snow Sensor

COMMERCIAL HEAT TRACE

Chroma-RG Commercial De-Icing Controller *(cont'd.)*

Dimensions

Model	Units	H	W	D
Chroma-RG1	Inch	12	8	5
	cm	300	200	130
Chroma-RG2	Inch	12	8	5
	cm	300	200	130



Front View



Side View

Order Information

Model	Description	Max. Total Amperage	Max. Voltage	PCN
Chroma-RG1	De-Icing Controller, 1 Contactors (1-2P @30A), 120V, CS-AS	30A	120V	513973
Chroma-RG2	De-Icing Controller, 1 Contactors (1-2P @30A), 208/240V, CS-AS	30A	240V	5144513