CIT-1
Snow Sensor

- **Minimum Snow Melting Cost**

- **No Supervision Required**

- **Reliable Snow Sensing**

- **Senses both Temperature and Precipitation**

- **Application Flexibility**

- **Simple Installation**

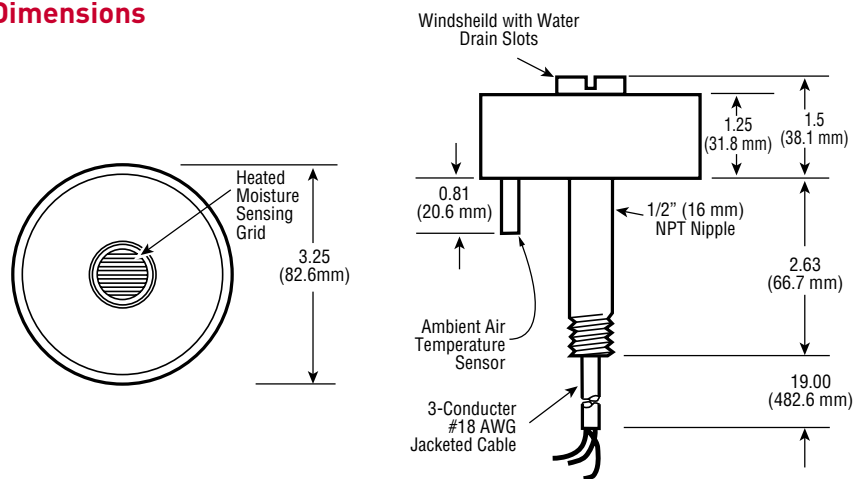- **Field Proven in Thousands of Installations**

Description

The CIT–1 Snow Sensor detects falling or blowing precipitation as snow at temperatures below 38°F (3.3°C). The CIT–1 provides the industry's most versatile and cost effective automatic snow melting control when used with any APS or EUR series control panel, old or new.

Reliability and sensitivity are key CIT–1 features. The solid state design, combined with a rugged aluminum housing and epoxy potting, ensure many years of trouble free service. Precision precipitation and temperature sensors assure snow detection accuracy.

Typical applications include controlling snow melting systems or sidewalks, doorways, stairs, loading docks, ramps for the physically challenged and parking garages. Easy installation is another key CIT–1 feature. Low voltage operation, up to 2,000' (609.6m) separation from the control panel, mast or roof mounting, and noncritical extension wiring are just a few of the features making this possible.

For complete information describing its application, installation and features, please contact your local Chromalox Sales Office.

Dimensions

Heated Moisture Sensing Grid

3.25 (82.6mm)

Windsheild with Water Drain Slots

1.25 (31.8 mm)
1.5 (38.1 mm)

0.81 (20.6 mm)

1/2" (16 mm) NPT Nipple

2.63 (66.7 mm)

Ambient Air Temperature Sensor

3-Conducter #18 AWG Jacketed Cable

19.00 (482.6 mm)

Specifications and Ordering Information

Model Number	PCN	Stock
CIT-1 Snow Sensor	389749	S

Stock Status: **S** = stock   AS = assembly stock   NS = non-stock
To Order—Specify model, PCN and quantity.

CHROMALOX