

SNOW OWL

Aerial General-Purpose Snow Sensor

Features and Benefits

- Automatic snow sensor for reduced energy consumption in sidewalk, gutter/downspout snow and ice melting applications
- Slim design minimizes visual impact
- Mounts on 3/4" PVC conduit for easy installation
- Operates on safe low voltage power
- Simple three wire connections: 2 for power, 1 for signal output
- Wire colors match commonly available cable for easier installation
- Convenient power power-on self self-test to verify proper sensor operation
- Made with UV UV-tolerant and corrosion-resistant materials for long life
- Made in the U.S.A.

Description

The ETI Snow Owl is designed to work with a controller or contactor, optimizing energy usage in heated snow/ice melting applications. The ETI Snow Owl is also an excellent solution for building automation applications.

During dry or warm weather, the system's heaters are turned off to save energy costs. The heaters are turned on only when snow and/ or ice is present, and kept on only long enough to ensure complete melting and drying. Temperature and time parameters are preset for optimum system performance.

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 Snow Owl feature. Low voltage operation, up to 2,000' (609.6m) separation from the control panel, mast or roof mounting, and non non-critical extension wiring are just a few of the features making this possible.

For complete information describing its application, installation and features, please contact Customer Service or check on the web at networketi.com.



Specifications

General

Dimensions: Diameter: 1.75 in (2.54 cm)
Height: 3.75 in (7.62 mm)

Electrical

Input Power: 24V AC 50/60Hz, 24V DC, or 24V full wave rectified AC/ pulsed DC 0.2A max

Output

Relay Contacts: 2A max, 30V

Upon sensing snow the Snow Owl will pull the white (snow sense) wire to a near ground potential, which the ETI family of controllers will interpret as a snow signal and respond by initiating a heat cycle.

Relay contacts remain closed during prepre-set delay after snow event ends.

Three wire connectionconnection(2 for power,1for relay)

Hold-On Times

Set 1minute

Environmental

Set point temperature: 38°F (3°C)

Storage temperature: -40°F to 185°F (-40°C to 85°C)

Canbe mountedmounted500 feet from the controller using 22ga cablecable, up to 1,000 ft. using 18ga cable and up to 2000 ft. using 14ga cable. (Depending on load requirements).

Ordering Information

Order Number	Description
25516	Snow Switch ETI Snow Owl
25484	ETI Snow Owl Operation Manual
25518	Installation Sheet
25485	ETI Snow Owl Data Sheet (this document)

Limited Warranty

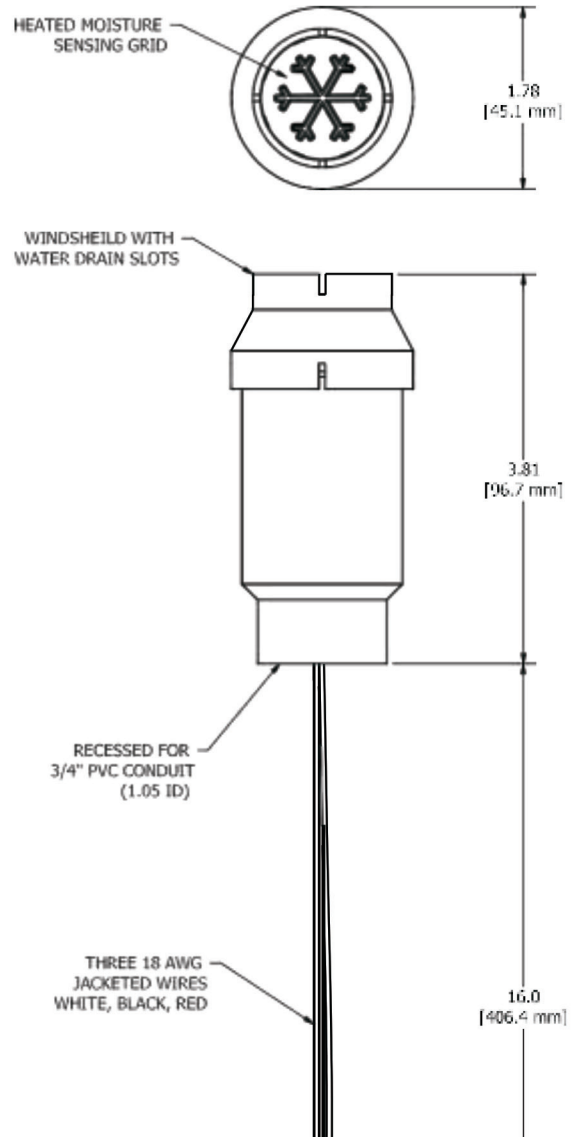
ETI's two year limited warranty covering defects in workmanship and materials applies. Contact Customer Service for complete warranty information.

Disclaimer

ETI makes no representations or warranties, either expressed or implied, with respect to the contents of this publication or the products that it describes, and specifically disclaims any implied warranties of merchantability or fitness for any particular purpose. ETI reserves the right to revise this publication, and to make changes and improvements to the products described in this publication, without the obligation of ETI to notify any person or organization of such revisions, changes or improvements.

The ETI logo and We Manage Heat are registered trademarks of ETI. ETI Snow Owl is a trademark of ETI. Copyright © 2019 ETI. All rights reserved.

Dimensional Drawings



Contacting Customer Service

For assistance, contact Customer Service. Office hours are from 8:00 AM until 5:00 PM ET.

Email: info@networketi.com
Web: networketi.com
Mail: ETI
1850 North Sheridan Street
South Bend, IN 46628