



The THORGUARDIAN is the first, totally integrated advance warning system for lightning. The sensor continuously monitors the atmosphere's electrostatic energy as far away as 15 miles and evaluates the potential for lightning within an area approximately 2 miles in radius. When the system determines a hazardous condition, the air-horns and strobe light provide necessary alerts.

As a leader in lightning prediction, THOR GUARD has advanced its state of the art lightning prediction technology by the development of its propriety L125 prediction computer.

The entire system can be easily installed outdoors as a single unit, or the control box can be located separately. Under normal conditions, the air horns have a range of approximately 700 yards, in a 360' pattern. An external status LED indicates THORGUARDIAN is operational.

FEATURES

- THOR GUARD L125 lightning prediction computer.
- LCD provides immediate lightning / system status.
- Sensor, Strobe, Air-horns, Mtg. Bar & Tripod included.
- User - hours of operation, selectable by day.
- 12 selectable ranges permits desired sensitivity.
- Designed for continuous unattended operation.
- Automatic system status ensures timer operation.
- Automatic notification, both visual and audible, of "RED - ALERT" and "ALL - CLEAR" conditions.
- Strobe light that remains on during "RED ALERT".
- AC Power (120V) or Optional Solar Power.
- RS232 port (DB9) allows interface to users computer providing data for THOR GUARD's ThorPCX (Optional) visual display and storm storage software.
- Audible notification for low battery or test failure.
- High performance long life rechargeable battery



SELECTED SPECIFICATIONS

Model: THORGUARDIAN L125

Power Requirements: Voltage: 120-240 volts AC, 50-60 Hz, Single Phase
Power: .25A, 30 Watts

>> Optional Solar Power Using 40 Watt Panel

Power Supply: 100-240 volts AC 50-60 Hz 0.6A
Dimensions: 1.96" W x 1.5" D x 2.8" H
Safety Requirements: UL, CSA
Power Cord: 5 ft. Weight: 5.22oz.

Enclosure Control Box: Dimensions: 13" W x 6 1/2" D x 15 1/4" H
Safety Requirements: UL, CSA, Type 4X
Material: Sealed Gray Fiberglass Enclosure
Weight: 26 Lbs.



ThorGuardian Enclosure

THOR GUARD L125: Dimensions: 7.325" W x 6.0" D x 1.5" H
Power: 12V DC (Supplied by System Battery)
Safety Requirements: FCC Part, 15 Class B



**Lightning Prediction Sensor
(Maintenance-free)**

D-ASA Sensor: Dimensions: 12" L x 6"W x 14"H
Weight: 2 Lbs. (Excludes Cable)

Sensor Cable: West Penn 5992 (Optional Plenum Cable)
3/8" Dia. Doubled Shielded Triaxial with Teflon Core
Standard Lengths: 12ft., 40ft.

VOT Air Horn Cluster: Manufacture: THOR GUARD
Material: ASA; Dome & Horn Mounting Plate
Weight: 8Lbs. (Excludes Cable)
Cable: General Cable 234600 12 AWG (UL) Type TC-ER
Sound Output: 113db @ 10ft., 700 Yard Radius, Typical Coverage



VOT Horn

Strobe Light: Manufacture: Whelen 51 Series (UL) Listed
Dimensions: 3.90" H x 5.2" Dia. Weight 1Lb.
Light Output: LED High Intensity Multi-Flash, Amber
Cable: West Penn AQ224, 18 AWG 2-Conductor
Length: Standard 12ft., 40ft. (Additional Lengths Available)



LED Strobe Light

(Specifications & Features subject to change without notice)

THOR GUARD, Inc. 1193 Sawgrass Corporate Parkway, Sunrise, FL 33323
Tel (954) 835-0900 (888) 571-1212 Fax(954) 835-0808 Email: Sales@thorguard.com