

# TerraStat®

## Charge Dissipation Terminals

### Introduction

TerraStat® is the latest design in lightning dissipation technology. Science and experience show that TerraStat® Charge Dissipation Terminals, and the structures on which they are installed, are much less likely to sustain a direct lightning strike than unprotected structures or structures with traditional lightning protection systems.

ALLTEC's clients appreciate that these terminals may be installed under the auspices of UL® 96A "Master Label" lightning protection systems; thus, in the exceptional event of a lightning strike terminating on a CDT (Charge Dissipation Terminals), the system meets or exceeds the protection provided by a traditional air terminal.

Whatever your requirements, we have a product to fit the application. For those special applications, we have the capability to design and manufacture a custom system to fit your needs. TerraStat® Charge Dissipation Terminals securely contribute to ALLTEC's Protection Pyramid™ methodology for comprehensive facility protection.

### Features

- High grade stainless steel construction
- Lightweight and easy to install
- Corrosion resistant
- Low wind loading
- Large selection of mounting hardware
- UL® Listed and recommended as per API 2003
- Independently tested



### Applications

- **TS-100\***  
**Standard Risk Protection**  
Office buildings, shelters, industrial facilities, homes, and warehouses
- **TS-400\***  
**Medium Risk Protection**  
Monopoles, high mast lighting, and externally mounted cameras
- **TS-500 (Vertically Mounted)**  
**High Risk Protection**  
Communication towers, bridges, petro-chemical storage facilities, and stacks
- **TS-510 (Horizontally Mounted)**  
**High Risk Protection**  
Communication towers, bridges, petro-chemical storage facilities, and stacks

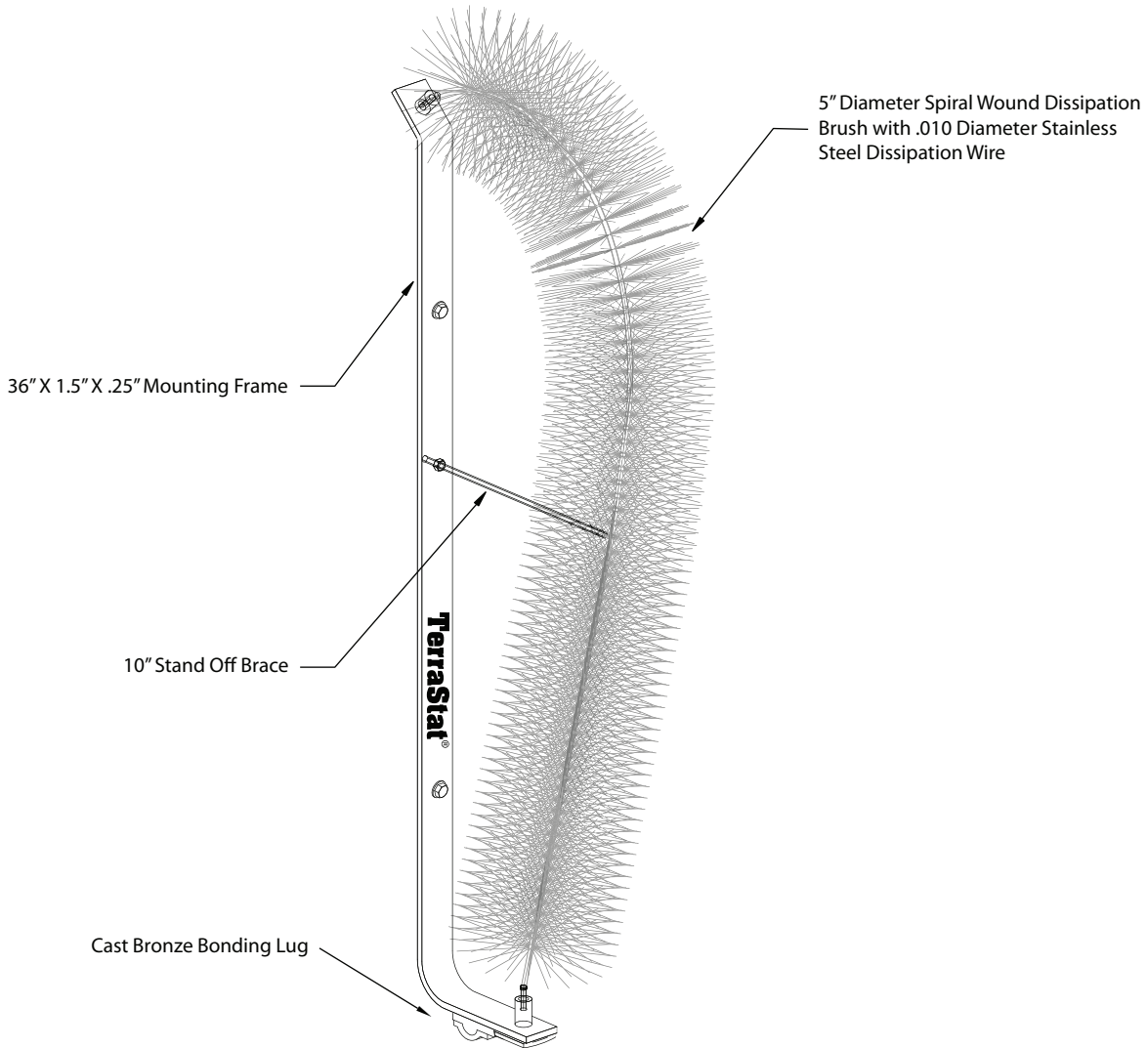


**High Risk Protection Models**

**TerraStat®**

**TS-500**

ALLTEC Corporation's latest development in charge dissipation products utilizes the Point Discharge Principal for the mitigation of direct lightning strikes to communications and broadcast towers and other tall structures. The TS-500 is constructed completely of 300 series stainless steel for durability. The lightweight, low wind load design of the TS-500 facilitates a simple installation without requiring a large amount of valuable real estate for mounting. The TS-500 can be installed on any type of tower or monopole. **WT 8.0 lbs (3.6 kg)**



**i** Custom mounting hardware available for round member legs or angle legs. For mounting hardware, [pg. 1-10](#) and [Section 2](#).