

# Dynasphere Air Terminal, MKIV



The economic and safety implications of lightning can be devastating. In general, the highest point of a facility is the most vulnerable to a direct lightning strike. Lightning rods or air terminals are needed to capture the strike to a preferred point and to safely conduct the energy to ground to minimize the risk.

The nVent ERICO Dynasphere air terminal provides a preferred point for lightning discharges which would otherwise strike and damage an unprotected structure and/or its contents. The primary function of an air terminal, or air termination system, is to capture the lightning strike to a preferred point, so that the discharge current can be directed via the downconductor(s) to the grounding system.

## FEATURES

- Dynamic response to the approach of a lightning downleader
- Non-radioactive technology
- No external power required
- Three replaceable terminals for specific elevation requirements

## SPECIFICATIONS

Table 1/2

| Catalog Number | Article Number | Material                        | Temperature   | Diameter (Ø) | Height (H) | Thread Size (TS) |
|----------------|----------------|---------------------------------|---------------|--------------|------------|------------------|
| D/SMKIVSS      | 702085         | Stainless Steel 316 (EN 1.4401) | -40 to 100 °C | 257 mm       | 220 mm     | 1/2" BSPP        |

Table 2/2

| Catalog Number | Article Number | Unit Weight |
|----------------|----------------|-------------|
| D/SMKIVSS      | 702085         | 2.6 kg      |

DIAGRAMS



WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at [www.nvent.com](http://www.nvent.com) and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

North America

+1.800.753.9221  
Option 1 – Customer Care  
Option 2 – Technical  
Support

Europe

Netherlands:  
+31 800-0200135  
France:  
+33 800 901 793

Europe

Germany:  
800 1890272  
Other Countries:  
+31 13 5835404

APAC

Shanghai:  
+ 86 21 2412 1618/19  
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