

# Corrosion Inhibitor



Use Corrosion Inhibitors to protect electronic components inside the enclosure against corrosion. It is simple and economical to use; no surface preparation is required and puts protected equipment to use immediately without degreasing or coating removal. Each inhibitor contains a special chemical combination that vaporizes and condenses on all surfaces in an enclosed area. Vapors will redeposit as needed in the event of condensation of moisture on surfaces. These vapors reach every part of an enclosure, protecting all interior components. They do not interfere with electrical, optical or mechanical surface properties. Protection is effective even in salt-water atmospheres. The AHCI5E and AHCI10E emitters have additional red-metal inhibitors for further protection. The normal useful life-span of Hoffman corrosion inhibitors is in excess of one year. However, inhibitor life expectancy is shortened by approximately 25 percent when exposed to temperatures above 104 F (40 C). This product is not recommended for use where temperature exceeds 199 F. Since Corrosion Inhibitors are vapor-phase protective, all surfaces to be protected should be accessible to the vapors. The maximum distance the vapors can travel is approximately 1.50 ft. (.46 m). Protection of long, narrow enclosures can be achieved with tape or multiple inhibitors. Each Corrosion Inhibitor is individually packaged in a resealable bag for maximum effectiveness at the time of usage. Corrosion inhibitors should be stored at temperatures not exceeding 120 F (45 C ). Hoffman corrosion inhibitors are not returnable. When determining the proper corrosion inhibitor for your application, assume the enclosure volume to be protected is greater than calculated if (1) cabinet doors are opened frequently, (2) cabinet is located in an extremely corrosive area and/or (3) cabinet length divided by depth is greater than four.

The normal useful life-span of HOFFMAN corrosion inhibitors is in excess of one year. However, inhibitor life expectancy is shortened by approximately 25 percent when exposed to temperatures above 104 F (40 C). This product is not recommended for use where temperature exceeds 199 F. Since HOFFMAN corrosion inhibitors are vapor-phase protective, all surfaces to be protected should be accessible to the vapors. The maximum distance the vapors can travel is approximately 1.50 ft. (.46 m). Protection of long, narrow enclosures can be achieved with tape or multiple inhibitors.

Each nVent HOFFMAN corrosion inhibitor is individually packaged in a resealable bag for maximum effectiveness at the time of usage. Corrosion inhibitors should be stored at temperatures not exceeding 120 F (45 C ). HOFFMAN corrosion inhibitors are not returnable. When determining the proper corrosion inhibitor for your application, assume the enclosure volume to be protected is greater than calculated if (1) cabinet doors are opened frequently, (2) cabinet is located in an extremely corrosive area and/or (3) cabinet length divided by depth is greater than four.

## FEATURES

Provides continuous long-term corrosion protection

Eliminates the need of oiling, plating or dipping metal

Enclosures containing corrosion inhibitors must be reasonably sealed or more frequent replacement of corrosion inhibitor is needed

Non-toxic and safe to handle and apply

All Corrosion Inhibitors (Except Spray) have adhesive backing allows fast, no-tool installation

## SPECIFICATIONS

| Catalog Number | Article Number | Enclosure Volume Protected |
|----------------|----------------|----------------------------|
| AHCI5E         | 30600          | 141.6l                     |
| AHCI1DV        | 30590          | 28.32l                     |
| AHCI60R        | 30480          | 1699l                      |
| AHCI10E        | 30610          | 283.2l                     |
| AHCI238S       | 13474          | 1416l                      |
| AHCI240R       | 30490          | 6797l                      |

## 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.

