ZERUST® VAPOR CAPSULES

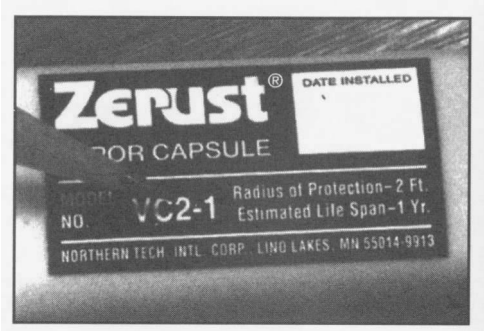
ZERUST® Volatile corrosion inhibiting (VCI) products contain proprietary chemical systems which emit an invisible, odorless, non-toxic vapor which is diffused throughout an enclosure. The resulting VCI-rich atmosphere causes VCI molecules to condense on all interior surfaces that they can reach. Metal surfaces inside the enclosure are passively protected by the condensed VCI molecules. Iron, steel, copper, brass, aluminum, silver and nickel can be protected in this VCI atmosphere.

INSTALLATION

ZERUST® Vapor Capsules are easily and simply installed in a matter of seconds...requiring no tools or specialized labor. Users merely peel away the unit's adhesive backing and affix the unit to almost any interior surface. It is important, however, that the following installation guidelines be followed to help you obtain the optimum performance from *ZERUST*® Vapor Capsules.

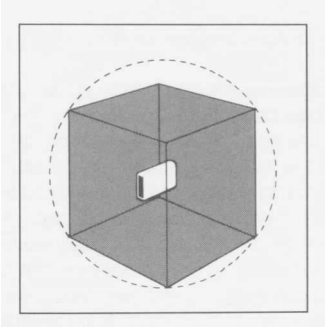
RADIUS OF PROTECTION

Each *ZERUST*® Vapor Capsule has a specific distance around it in which corrosion protection is provided. This is referred to as the "Radius of Protection" and is designated in feet by the first number within the model number on each Vapor Capsule. Make sure that all the metal surfaces to be protected are within the distance of the specified "Radius of Protection."

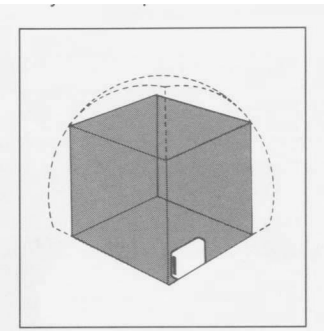


POSITIONING OF THE CAPSULE

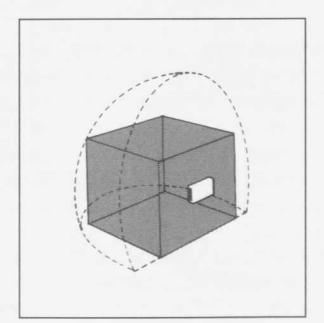
There are three different locations for placing the Vapor Capsule, depending on the size of the enclosure. Users should note that the volume protected against corrosion is decidedly different with each of these locations as shown in the diagrams below.



CENTER - The ideal location in terms of obtaining maximum coverage of protection from the capsule. This location may not be practical in many installations as the central location may be occupied.



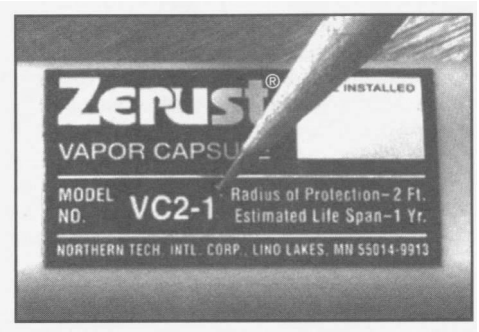
CORNER - In deeper containers two capsules may be required on diagonally opposed corners to fully protect the entire space.



SIDES - Offer more area of protection than corner placement, often the optimum practical location.

Keep in mind the configurations shown above when installing *ZERUST*® Vapor Capsules. When in doubt about the total area protected, add an additional capsule or two to your installation. The key consideration is that the closer the capsule is to the metal surface, the better the protection. *There is no way to overprotect.* The amount of vapor that the air can contain is limited by saturation, and is the same regardless of how many capsules are sued. Thus, the more capsules, used, the faster saturation will be reached - yet no damage is possible.

RATED LIFE SPAN



Each *ZERUST*® Vapor Capsule is designed to provide corosion protection for a specific period of time. The final digit in each capsule's model number indicates the capsule's rated life span in years. Capsules may be removed from one enclosure, sealed and stored for future use and employed in another container without suffering any appreciable reduction in life span.

The life span is most likely to be reduced by conditions that accelerate the decomposition of the VCI. These conditions are: continued exposure to temperatures above 150°F and chemically aggressive atmospheres. Typical examples are sulfur dioxide or salt atmospheres. In salt water, marine or polluted industrial environments, or when pH limits are exceeded (optimum pH range is 4.5-10.5), the Vapor Capsule may extend the time for the first signs of rust to appear - but not indefinitely.

WHAT TYPE OF ENCLOSURE?

ZERUST® Vapor Capsules work best within enclosures where air exchange with the outside atmosphere is limited. The enclosure does not have to be sealed or airtight. Experience has shown that air exchanges of 2 times per day have no adverse effects on the effectiveness of the capsule.

WATER INDUCED CORROSION

ZERUST® Vapor Capsules are effective in reducing airborne corrosion. They cannot stop water-caused corrosion, which is common at the bottom of enclosures where water accumulates. It is therefore crucial to either seal the enclosure against water or ensure that the enclosure has adequate drainage.

INSTALLATION DATE

Before installing the capsule, write the date in the prescribed area on the capsule's label. It is important that this date be documented in order to avoid confusion concerning the appropriate replacement date.

RESTRICTIONS & WARNINGS

• *ZERUST*® Vapor Capsules should not be repeatedly used at temperatures above 180°F (82°C). In sub-freezing temperatures, the reduced volatility of the capsule is more than offset by the reduction in corrosion activity.

• Do NOT install capsule where it may come in contact with standing water or be submerged in water.

• *ZERUST*® Vapor Capsules will not provide protection from corrosion caused by direct contact of the metal with acids, water or other corrosive solvents.

• Over an extended period of time, *ZERUST*® Vapor Capsules will "yellow" paper. Do NOT use in proximity of antique books, valuable documents, photographs, currency.

• Because *ZERUST*® cannot anticipate or control the many different conditions under which this information or product may be usd, no warranty, express or implied, is made except that the product conforms to *ZERUST*® specifications.

• Do NOT disassemble the *ZERUST*® Vapor Capsules to expose the contents. In case of accidental ingestion give water and induce vomiting. Seek the help of a physician immediately. Contains Sodium Nitrite.