

Vapour phase corrosion emitters explained

Vapour phase corrosion emitters are small, specialised devices designed to provide corrosion protection for metal components and parts which are enclosed in non-ventilated control boxes.

The Vapour phase Corrosion Inhibitor (VpCI) emits vapours that form a monomolecular protective coating on internal metal surfaces.

This coating protects critical, complex and expensive electronic equipment from corrosion initiation during operation, shipping or storage.

Three products from Cortec provide long-term protection against corrosion in the presence of adverse conditions including salt, moisture, airborne contaminants, hydrogen sulphide, sulphur dioxide, ammonia, and others.

- VpCI-101 will protect cabinets or tool boxes of up to 1 cubic foot (28 litres)
- VpCI-105 will protect cabinets or tool boxes of up to 5 cubic feet (142 litres)
- VpCI-111 will protect cabinets or tool boxes up to 11 cubic feet (312 litres).



The Cortec Vapour phase Corrosion Inhibitor 101.

These products all provide a similar level of protection.

VpCI-101 is a small patented device from which vapour phase corrosion inhibitors are slowly released.

VpCI-105 and VpCI-111 are small patented plastic emitters with a breathable Tyvek® membrane through which corrosion inhibitors are slowly released.

VpCI emitters are simple and convenient to install, and should be installed at the earliest possible time, preferably during manufacturing or assembly.

To install, simply select a space within

an enclosure where corrosion protection would be useful then ensure that the surface to which the device will be affixed is clean and free of debris.

Using the adhesive tape at the bottom of the device, affix the device to the clean surface.

For volumes greater than the emitter size, multiple devices may be used.

If the enclosure is not totally airtight or if the access doors are opened frequently, replace the emitters more often than every two years.

After periods of heavy maintenance replace the device. **P**

This product is available through Savcor Products Australia Pty Ltd in Australia and New Zealand.
For more information please contact your local Savcor Products Australia representative on 1800 SAVCOR or visit www.savcorproducts.com.au



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