



## VCI EMITTING SYSTEMS & ELECTRONIC PRODUCTS

# VCI-110

### PRODUCT DESCRIPTION

VCI-110 emitters are unique devices designed to provide corrosion protection for metal components and parts enclosed in non-ventilated control boxes, cabinets or tool boxes. VCI-110 protects up to 10 cubic feet (283 liters) in volume. The VCIs emit vapors which form a molecular layer on internal metal surfaces to protect critical, complex and expensive electronic equipment during operation, shipping or storage. VCI-110 is a small patented foam emitter through which corrosion inhibitors are slowly released and moisture and air pollutants can enter to be absorbed. VCI-110 provides long-term protection against corrosion even in the presence of adverse conditions including salt, moisture, airborne contaminants, H<sub>2</sub>S, SO<sub>2</sub>, NH<sub>3</sub> and others.

### FEATURES

- Economical to use.
- Very convenient to install.
- Provides continuous protection up to 24 months during operation and/or shutdown.
- Effective in polluted and humid environments.
- Does not interfere with electrical, optical or mechanical performance.
- Multimetal protection.
- Quick, easy installation.
- Non-toxic and safe to handle.
- Compact and space-saving.
- Free of nitrites, silicones, phosphates.
- No spraying, wiping or dipping required.
- Low VOC values.
- Meets Southern California Clean Air Act and other local regulations.

### TYPICAL APPLICATIONS

- Operating, packaged and stored electrical equipment.
- Marine navigation and communications equipment.
- Aerospace electrical controls.
- Electrical motors.
- Switching equipment.
- Fuse boxes, power boxes.
- Medical equipment.
- Electrical wireways, terminal boxes.
- Scientific and measuring instruments.
- Telecommunications equipment and remote electronic devices.

### METHOD OF APPLICATION

VCI-110 emitters are extremely simple and convenient to install. They should be installed as early as possible, preferably during manufacture or assembly. Simply select a space within any enclosed device where corrosion protection would be useful. Verify that the surface on which the device will be installed is clean and free of debris. Peel off the protective peel strip from the bottom of the device and attach it to the clean surface. VCI-110 emitters can be installed in any position. For volumes greater than 10 cubic feet (283 liters), install more than one VCI-110. If the enclosure is not totally air-tight or if the access doors are opened frequently, replace the VCI-110 emitter more often than every 2 years. After periods of heavy maintenance, replace the emitter or spray the enclosure very lightly with Cortec® VCI-238 Aerosol.



**CORTEC**  
CORPORATION

Environmentally Safe VCI/MCI® Technologies



## PROPERTIES

|               |                                                                                         |
|---------------|-----------------------------------------------------------------------------------------|
| Standard Size | Foam device with adhesive backing<br>2 1/2 in. diameter x 2 in. H<br>(6.35 cm x 5.1 cm) |
| Protection    | 10 ft <sup>3</sup> (0.3 m <sup>3</sup> )                                                |
| Packaging     | 12 individually wrapped emitters<br>per carton                                          |

### FOR INDUSTRIAL USE ONLY

**KEEP OUT OF REACH OF CHILDREN**

**KEEP CONTAINER TIGHTLY CLOSED**

**NOT FOR INTERNAL CONSUMPTION**

**CONSULT MATERIAL SAFETY DATA SHEET FOR  
MORE INFORMATION**

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