**DRY & PRE-ACTION FIRE SPRINKLER SYSTEM: VAPOR-PHASE CORROSION INHIBITOR SYSTEM**

* + - * 1. Dry-Sprinkler System: Vapor phase Corrosion Inhibitor (VpCI®) system to serve dry sprinkler zones for piping corrosion mitigation.

Basis-of-Design Product: Subject to compliance with requirements, provide General Air Products, Inc.; [**Vapor Pipe Shield**].

Description: Vapor phase Corrosion Inhibitor (VpCI®) delivery system for dry or pre-action fire sprinkler system providing corrosion protection within sprinkler system piping network. Pneumatic and mechanical device that requires no electricity.

Standard: UL 2901B

Capacities and Characteristics:

Total Sprinkler System Capacity: <**Insert volume**> **gal.(l)**.

Largest Single System Capacity <**Insert volume**> **gal.(l)**.

Shall include shutoff valve to permit servicing without shutting down sprinkler system.

Maximum Operating Pressure: [**150-psig(1030-kPa)**]

Operating Temperature Range: [**40°F(4°C)** - **150°F(65°C)**]

Included Components:

Stainless Steel Media Enclosure

Water Removal Pre-filter and After-filter

(2) Coalescing Pre-filters

Air Inlet and Outlet ½” FNPT Connections

Shutoff / Isolation Valve

Automatic Drain Ports 3/8” push to connect tubing

½” Union and 30” Stainless Steel Flex Hose with ½” MNPT Connections

Vapor Indicator Test Port

Wall Mounting Kit

*All installation and service work shall be designed, installed, inspected, tested, and maintained in accordance with all applicable codes, referenced standards, drawings, documents, the manufacturer's instructions, and the provisions of this specification.*

1. NFPA 13, Standard for Installation of Sprinkler Systems
2. NFPA 25, Standard for the Inspection, Testing and Maintenance of Water-Based Fire Protection Systems

*General Air Products shall provide technical support during design, installation and over the entire life of the Vapor Corrosion Inhibitor System.*