

## VAPOR-PHASE CORROSION INHIBITOR (VPCI®) SYSTEM

for Dry Pipe & Pre-Action Fire Sprinkler Systems

Vapor Pipe Shield is a delivery system for Vapor phase Corrosion Inhibitor (VpCI®) that is fully mechanical and piped directly in-line between the air compressor and the sprinkler valve. Air flow provided by the air compressor runs through the Vapor Pipe Shield unit and picks up VpCI® molecules that are carried into the sprinkler system and attracted to all metal surfaces. These molecules attach to the metal pipe forming a ONE MOLECULE LAYER or shield that acts as a barrier between the metal surface and the corrosive environment inside the pipe. The vapor moves quickly & efficiently throughout the entire system and even penetrates standing water, completely protecting all metal surfaces. Vapor phase Corrosion Inhibitors have been used and proven for decades as the most effective means of corrosion mitigation for a wide variety of industries. General Air Products is excited to introduce this technology to the Fire Protection Industry - making corrosion mitigation in any dry or pre-action fire sprinkler system simple, efficient, and highly cost-effective.



| Model Number | 30 Min. Fill Capacity (Single System or Largest Riser) | Total System Capacity (Up to 4 Risers) | Inlet / Outlet Connections | Max Pressure | Dimensions (in) |     |       | Unit Weight (lbs) |
|--------------|--------------------------------------------------------|----------------------------------------|----------------------------|--------------|-----------------|-----|-------|-------------------|
|              |                                                        |                                        |                            |              | L               | W   | H     |                   |
| VPS-500A     | 500 gal.                                               | 2000 gal.                              | ½" FNPT                    | 150 PSI      | 26              | 6.5 | 20.25 | 20                |
| VPS-1000A    | 1000 gal.                                              | 4000 gal.                              | ½" FNPT                    | 150 PSI      | 26              | 6.5 | 28.25 | 26                |
| VPS-1500A    | 1500 gal.                                              | 6000 gal.                              | ½" FNPT                    | 150 PSI      | 26              | 6.5 | 36.25 | 32                |
| VPS-2000A    | 2000 gal.                                              | 8000 gal.                              | ½" FNPT                    | 150 PSI      | 26              | 6.5 | 44.25 | 38                |

Minimum Temperature: 40°F. / Maximum Temperature: 150°F.

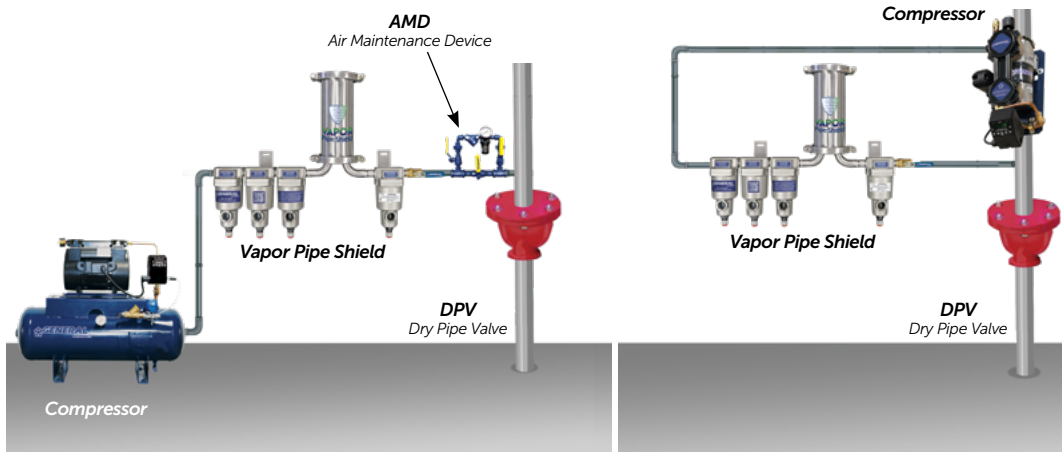
⚠ WARNING: Cancer and Reproductive Harm – [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov)

**Note:** All information is subject to change without notice. Consult factory for most up-to-date product details.

### Features and Benefits

- CUL Listed for Fire Protection
- Fully Pneumatic & Mechanical
- No Electrical Connections
- Easy To Install & Maintain
- Minimal Air Flow Loss
- Efficient & Effective
- Environmentally Safe
- No Purge Required

Included with Every Vapor Pipe Shield Unit





# VAPOR Pipe Shield

Simplifying Corrosion Prevention in dry-pipe  
and pre-action fire sprinkler systems.



How it Works

Protected by  
Vapor Pipe Shield



Untreated  
Compressed Air

Fully mechanical & piped directly in-line between the air compressor and the dry pipe valve, Vapor Pipe Shield makes preventing corrosion simple, efficient, and highly cost-effective.

After Five Years of Continuous Testing

**GENERAL**  
AIR PRODUCTS

**Reliable®**



Designed • Engineered • Built... in the USA

generalairproducts.com