



Oxygen Corrosion in Wet Pipe Sprinkler Systems

Oxygen is a highly corrosive gas that makes up approximately 21% of the air we breathe. It is the primary cause of corrosion in fire sprinkler system piping.

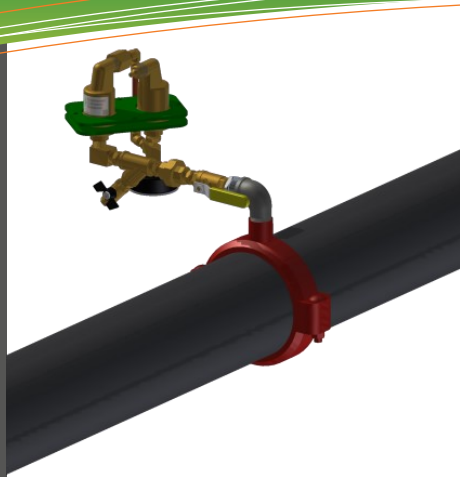
Remove the Gas

There is at least 5,000 times more oxygen available for corrosion in the trapped gas of a wet pipe fire sprinkler system than there is in the source water. Source water contains only 10 parts per million of dissolved oxygen which is 0.001% of the water volume.

What are the benefits of venting trapped gas from a sprinkler system?

- Less oxygen reduces pipe corrosion
- Decrease in water delivery time
- Reduced false water flow alarms

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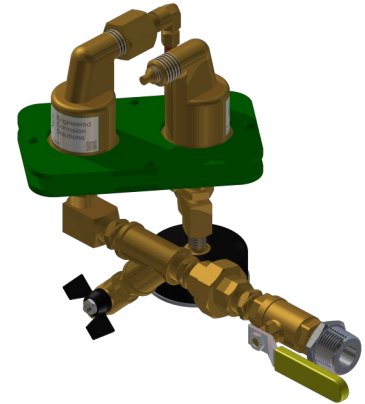
The 2016 edition of NFPA 13 now requires a single air vent to be installed on each wet sprinkler system to reduce pipe corrosion related to trapped air

ECS EJECTOR AUTOMATIC AIR VENT (PAV-W)

New Design provides the fire sprinkler industry's *lightest weight* and *lowest clear height* automatic air vent



OLD DESIGN



NEW DESIGN

- Dimensions: 12"(W) x 7"(D) x 12"(H)
- Clear Height: 8.25"
- Weight: 18 lbs
- Water indicator element indicates primary float valve functionality
- FM Approved
- Float Valve Redundancy
- Not required to plumb to drain
- Compatible with Wet Pipe Nitrogen Inerting (WPNI) with add-on kit

- Dimensions: 12"(W) x 5"(D) x 9"(H)
- Clear Height: 5.25"
- Weight: 7 lbs
- High visibility pressure gauge indicates primary float valve functionality
- FM Approval Pending
- Float Valve Redundancy
- Not required to plumb to drain
- Compatible with Wet Pipe Nitrogen Inerting (WPNI) with add-on kit

For pricing contact sales@ecscorrosion.com or call (314) 432-1377