



DRY-FLO[®]

DIGITAL DELUGE TESTING

PARADIGM 
FLOW SERVICES



PREVENTION: BETTER THAN CURE

Paradigm developed **Dry-Flo®** to solve one of industry's great paradoxes; testing water deluge systems, without water.

And this matters.

It matters because water deluge testing is a root cause of billions of dollars in corrosion related maintenance spending, every year.

It matters because this maintenance is a preventable source of carbon emissions.

And it matters because water deluge testing can corrode and block the pipework & nozzles of a deluge system, stopping it from delivering what is needed, when it is needed; protection to your people and plant.

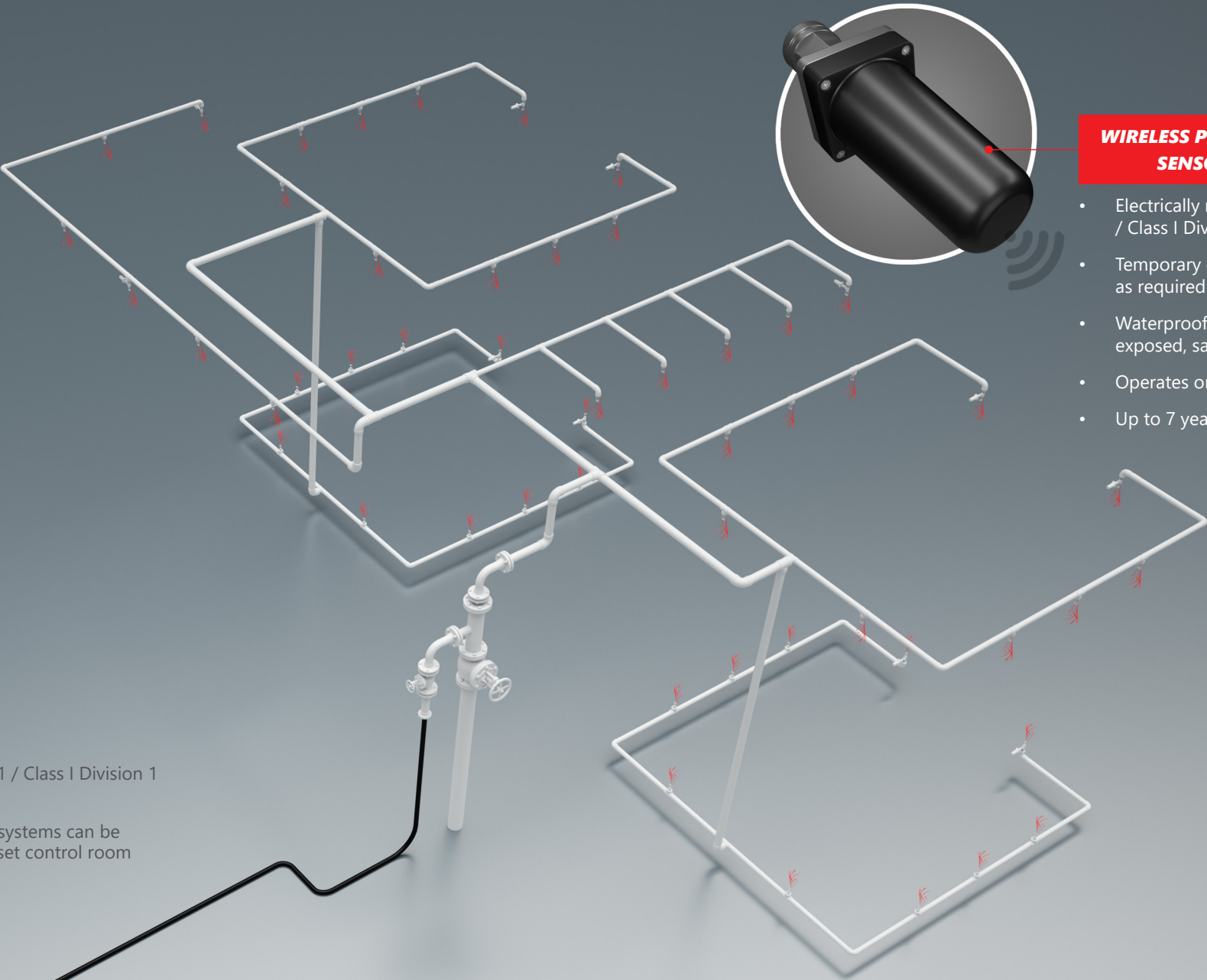
We believe that prevention is better than cure - with **Dry-Flo®** it comes as a safer, greener and simpler solution.

DELUGE TESTING

Dry-Flo® is a DNV GL certified technology that uses controlled airflow to verify performance of water deluge systems to NFPA® 15 & 25 guidelines.

Wireless Pressure Sensors are installed at select deluge nozzles and transmit airflow pressure data (via Bluetooth or Wi-Fi signal) to a **Dry-Flo®** Test Tablet. **Dry-Flo®** proprietary software then calculates a virtual liquid flow rate at each nozzle and awards a system pass / fail in real-time based on input design or operating performance requirements.

Dry-Flo® quantifies and highlights the location of any anomalies in all future tests, enabling targeted inspection of pipework & nozzles to be undertaken and corrective maintenance performed where required.



WIRELESS PRESSURE SENSOR

- Electrically rated for use in Zone 1 / Class I Division 1 Hazardous Areas
- Temporary or permanent installation as required
- Waterproof and can be installed in exposed, saltwater environments
- Operates on Wi-Fi or Bluetooth signal
- Up to 7 years battery life

DRY-FLO® TEST TABLET

- Electrically rated for use in Zone 1 / Class I Division 1 Hazardous Areas
- Permanently installed **Dry-Flo®** systems can be integrated and operated from asset control room

AIR BLOWER

- Electrically driven, rated for use in Zone 1 / Class I Division 1 Hazardous Areas
- Sized to deluge system
- Temporary or permanent installation as required

AIR HOSE

- Connected downstream of deluge valve

DRY-FLO® DELIVERS

- Meets and exceeds NFPA® 15 & 25 testing guidelines, ensuring the safety of your personnel and protecting your asset
- Significantly reduces corrosion related maintenance spending and its associated carbon footprint
- Prevents operational downtime associated with water ingress damage to electrical equipment
- Provides enhanced system performance data that enables streamlined maintenance planning
- Demonstrates superior risk mitigation for lower insurance premiums
- Reduces water consumption and eliminates wastewater treatment & disposal costs
- Reduces test time by up to 75%

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