Low Pressure Carbon Dioxide Fire Suppression System

No Agent Cleanup Minimizes Downtime

ANSUL® Bulk and Mini-Bulk Low Pressure, Carbon Dioxide Systems suppress fire without damaging electrical equipment or leaving behind agent residue to clean up after discharge, thus minimizing downtime following a fire incident.

Bulk Storage in Limited Space

The ANSUL® Bulk Low Pressure, Carbon Dioxide System is ideal for non-occupied fire hazards requiring large amounts of agent with limited storage space. A single bulk tank can store from 3.75 to 46 tons (3,402 to 41,730 kg) of carbon dioxide, which is maintained in a stand-by, fire-ready state that allows the system to provide effective distribution of agent on demand. This system offers multiple discharge capabilities between recharges as an economical option.

The liquid carbon dioxide is stored in an ASME-coded pressure vessel equipped with its own refrigeration system. Valve control is electro-pneumatic or manual. Each master and selector valve assembly consists of either a ball valve or a butterfly valve, a spring-return pneumatic actuator and a three-way electronically operated, solenoid valve.

Carbon dioxide systems offer an economical solution providing automatic or manual operation for non-occupied hazard areas.

Protection for non-occupied hazards
- Large Capacity on Demand
- Fights Class A, B and C Fires
- No Residue to Clean Up
- Multiple Discharge Capabilities
- Integral Refrigeration System
The Ultimate Fire Suppression Solution
The ANSUL® brand promises a full range of quality fire protection solutions — from automatic detection and suppression systems to a complete line of wheeled and hand portable fire extinguishers and more. Plus, our extensive network of Authorized ANSUL® Distributors provides factory-trained professionals to serve our customers virtually anywhere in the world.

A Passion for Protection
Dedicated customer support. Extensive product portfolio. Engineering excellence. Trusted, proven brands. Johnson Controls offers all of these attributes, plus a passion for protection. It’s what drives us to create solutions to help safeguard what matters most — your valued people, property and business.

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