



Fenwal Phoenix Nitro Clean Agent Systems



Fenwal Phoenix Nitro High Performance Delivery System...

The Fenwal Phoenix Nitro system uses a unique method for propelling clean agent from the storage cylinder, through the piping system and out of the discharge nozzles. Nitrogen gas pressure from a separate storage cylinder is introduced into the vapor space of the clean agent cylinder at a controlled rate. This nitrogen pressure propels the agent through approximately 80% higher lengths of pipe at the required flow rate. This high performance delivery system makes the Fenwal Phoenix Nitro a great candidate when applications require:

A virtual "Drop-In" for Halon 1301 retrofits, reducing the need to replace existing piping networks and hardware.

Clean agent protection for environments with complicated pipe networks and large area coverage.

Remote location of agent storage cylinders for mechanical or aesthetic reasons.

Economical protection of multiple enclosures/hazards with approved 3-way directional valves.

Features

- Up to 80% longer pipe runs designed to protect larger facilities
- Ideal "drop-in" replacement for existing Halon 1301 Systems—current pipe work can often be re-used
- The most flexible system available—cylinders can be located outside the protected area—even on another floor! Saving valuable space frequently required in telecom and data centers for productivity of the operating facility
- Cost effective—smaller piping requirements and larger nozzle coverage areas help lower installation costs
- Patented 3-way ball valve technology for central storage, multi-hazard applications



MISSION CRITICAL FIRE PROTECTION



applications protected by phoenix nitro systems:

The Fenwal Phoenix Nitro range of Clean Agent Systems typically protect medium- to large-size areas. Typical applications protected by our systems are:

- Telecommunication Facilities
- Control Rooms
- Internet Hosting Sites
- Data Centers
- Health Care Facilities
- Historical Artifacts



Why choose a Fenwal phoenix nitro system...

Fast and Effective – The Fenwal Phoenix Nitro Clean Agent penetrates the protected area and extinguishes a fire in mere seconds.

Clean Fire Protection – The Fenwal Phoenix Nitro Clean Agent System minimizes fire-related down-time, leaving no residue to damage sensitive electronic equipment, vital software or irreplaceable objects.

Safe for People – The Fenwal Phoenix Nitro Clean Agent is non-toxic when used in accordance with NFPA Standard 2001; it does not impair breathing or obscure vision—providing personnel added safety in an emergency situation.

Environmentally Friendly - The Fenwal Phoenix Nitro Clean Agent suppressant has no Environmental Protection Agency usage restrictions.

Tested and Accepted – The Fenwal Phoenix Nitro Clean Agent System meets the standards of Underwriters’ Laboratories and Factory Mutual. It complies with the National Fire Protection Association Standard 2001, the U.S.EPA SNAP program and many global approval authorities.

Cost-Effective - The Fenwal Phoenix Nitro Clean Agent System is cost-effective with longer pipe runs and better nozzle coverage than high pressure systems.



Components of the *Mission Critical* Fire Protection System:

- Dupont FM-200® Agent
- Linear Heat Detection
- Phoenix Nitro Clean Agent Hardware
- Notification
- Conventional or Intelligent Control Unit
- Manual Accessories
- HSSD Smoke Detection

Distributed by:
SAFE Fire Protection, Inc.
8914 Brittany Way Tampa,
Florida 33619
813.664.8989
www.safefireprotection.net



Fenwal® is a registered trademark of Kidde-Fenwal inc.
phoenix™ is a trademark of Kidde-Fenwal inc.
Fm-200® is a registered trademark of Dupont

SS F-019 June 2013
©Kidde-Fenwal inc. all rights reserved