



Inert Gas 469 Series

(Restrictor Model)

Inert Gas 469 Series Fire Extinguishing System

Clean Agent for protection of high value assets.

This is an Inert Gas extinguishing system for Industrial applications.

IG-55: Container Mix of 50% Nitrogen and 50% Argon

IG-541: Container Mix of 52% Nitrogen, 40% Argon & 8% Carbon Dioxide

IG-100: 100% Nitrogen

IG-01: 100% Argon

CLEAN

Containing gases that already exist within the atmosphere that we breathe, which mainly includes Argon and Nitrogen and does not contribute to global warming.

FIRE EXTINGUISHING

The extinguishing method is to reduce the normal atmospheric oxygen level of 20.9% down to a level where combustion can no longer be sustained, which for most common flammable materials is below 15%.

CONTAINERS

Container sizes from 80 and 140 litres, the latter providing a reduction in container quantity thus substantial cost saving for large projects. Each container is manufactured from high strength alloy steel and the assembly is PESO approved.



COST-EFFECTIVE

By using its tried and trusted range of 200 and 300 bar equipment, Kidde Fire Protection can offer a cost-effective fire extinguishing system

EFFICIENT

Small and large-scale tests have proven that fire is extinguished quickly, before any serious damage can occur. This is achieved by reaching the minimum design concentration within the maximum two minute discharge period for Class A fires and 60 one minute for Class B fires.

SYSTEM DESIGN

The range of containers, valves and related components has been specially selected for use with Inert Gases and has been subjected to stringent testing procedures. Flexibility, quality and reliability make the Kidde Fire Protection range one of the world's finest in fire protection.

Kidde Fire Protection engineered systems are designed using VdS verified software and guidelines, that offer optimum designs for the defined risks with reduced pipe sizes, unbalanced flows and common room and void protection possible.



VALVES

Valves are designed for optimum system performance. A pressure gauge is provided easy reading during maintenance. Valves are actuated by electric solenoid, pneumatic, or local manual release.

NOZZLES

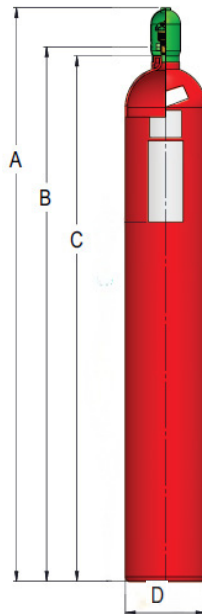
Custom-designed nozzles are available with normal pipe sizes from 1/2" mm to 1 1/2",

including sidewall, upright and pendant configurations. In addition, silencers can be used with these nozzles to reduce decibel level during discharge within Data Halls.



Dimensions (mm)

	80L 200 BAR	80L 300 BAR	140L 300 BAR
A	1900±10	1985±11	1980±10
B	1770±10	1855±11	1850±10
C	1740±10	1825±11	1820±10
D	267	267	356



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Typical applications protected by a 469 Inert Gas Clean Agent System:

- Data Centers
- Hospitals.
- Telecommunication Facilities
- Museums & Cultural Heritage Buildings
- Libraries & Archives.

Integrated with 469 Inert gas Clean Agent System components:

- Containers
- Electrical release
- Manual Release
- Pneumatic Release

Approvals & Listings:

- LPCB
- PESO