



## **Kidde Marine Argonite™ 469 Series Inert Gas**

### **Clean Agent Fire Extinguishing System**



Clean Agent for High Value Asset Protection available with explosion proof (ATEX) release units.

This is our Marine/Offshore product Type Approved by Bureau Veritas for protection of Category "A" Machinery Spaces and cargo Pump Rooms, with a Minimum Design Concentration of 47.4%

#### **FIRE EXTINGUISHING**

Argonite™ (50% Argon/50% Nitrogen) 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 flammable materials is below 15%

#### **ANTI-CORROSION**

Most of the systems components are available in stainless steel (*upon request*), such components will withstand the corrosive salt water atmosphere of Marine and Offshore far longer thus saving money over the longer term.

#### **CONTAINERS**

Container sizes from 15.9, 67.5 and 80 litres is available, offering a choice of fill capacities to meet specific requirements and ensure maximum economy in installation. Each container is manufactured from high strength alloy steel and the assembly is TPED approved.

#### **MODULAR DESIGN**

Argonite™ containers (with prior approval by flag administration) may be located around the inside of the engine room (widely separated), using only short piece of pipe and a nozzle. Otherwise known as a stand-pipe design which is more cost effective (**see page 3 below**)

#### **COST-EFFECTIVE**

By using its tried and trusted range of 150, 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 Argonite™ puts fire out quickly, before any serious damage can occur. This is achieved by reaching the minimum design concentration within the maximum two minute discharge period.

## SYSTEM DESIGN

The range of containers, valves and related components has been specially selected for use with Argonite™ 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 marine/offshore fire safety

Engineered systems are designed using VdS verified software and guidelines, that offer optimum designs for the defined risks with reduced pipe sizes, unbalanced flow possible.



VALVES

## NOZZLES

Custom-designed nozzles are available with normal pipe sizes from 1/2" to 1 1/2", in sidewall, upright and pendent configurations.

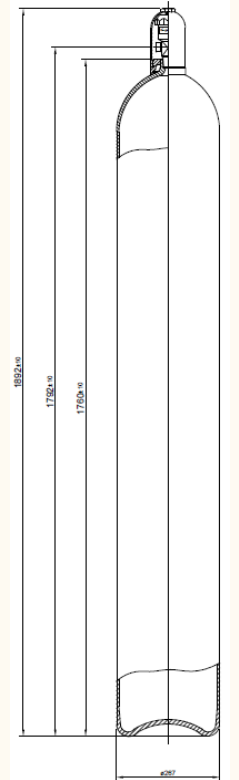


## Typical applications protected by a Argonite™ Clean Agent System:

- Oil Tankers
- Static Oil Platforms
- Exploration Rigs
- Passenger Vessels
- Offshore Wind Farms

## Integrated with Argonite™ Clean Agent System components:

- Release Station
- Cylinders
- Pressure Gauges
- Nozzles



Station Road, High Bentham,  
LA2 7NA,  
United Kingdom.