



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 flows and common room and void protection possible.

VALVES

Valves are designed for optimum system performance. A pressure monitoring (glycerine filled) gauge is provided for anti-vibration and 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" to 1 1/2", in sidewall, upright and pendent configurations.



Typical applications protected by a Argonite™ Clean Agent System:

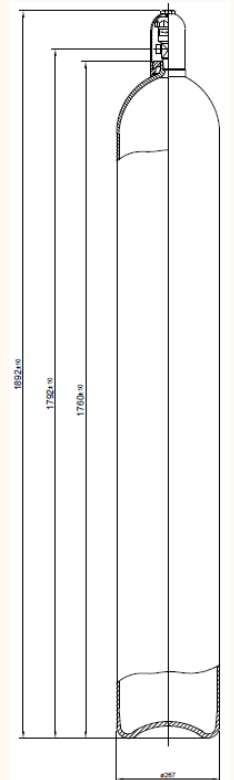
- Oil Tankers
- Static Oil Platforms
- Exploration Rigs
- Passenger Vessels
- Offshore Wind Farms

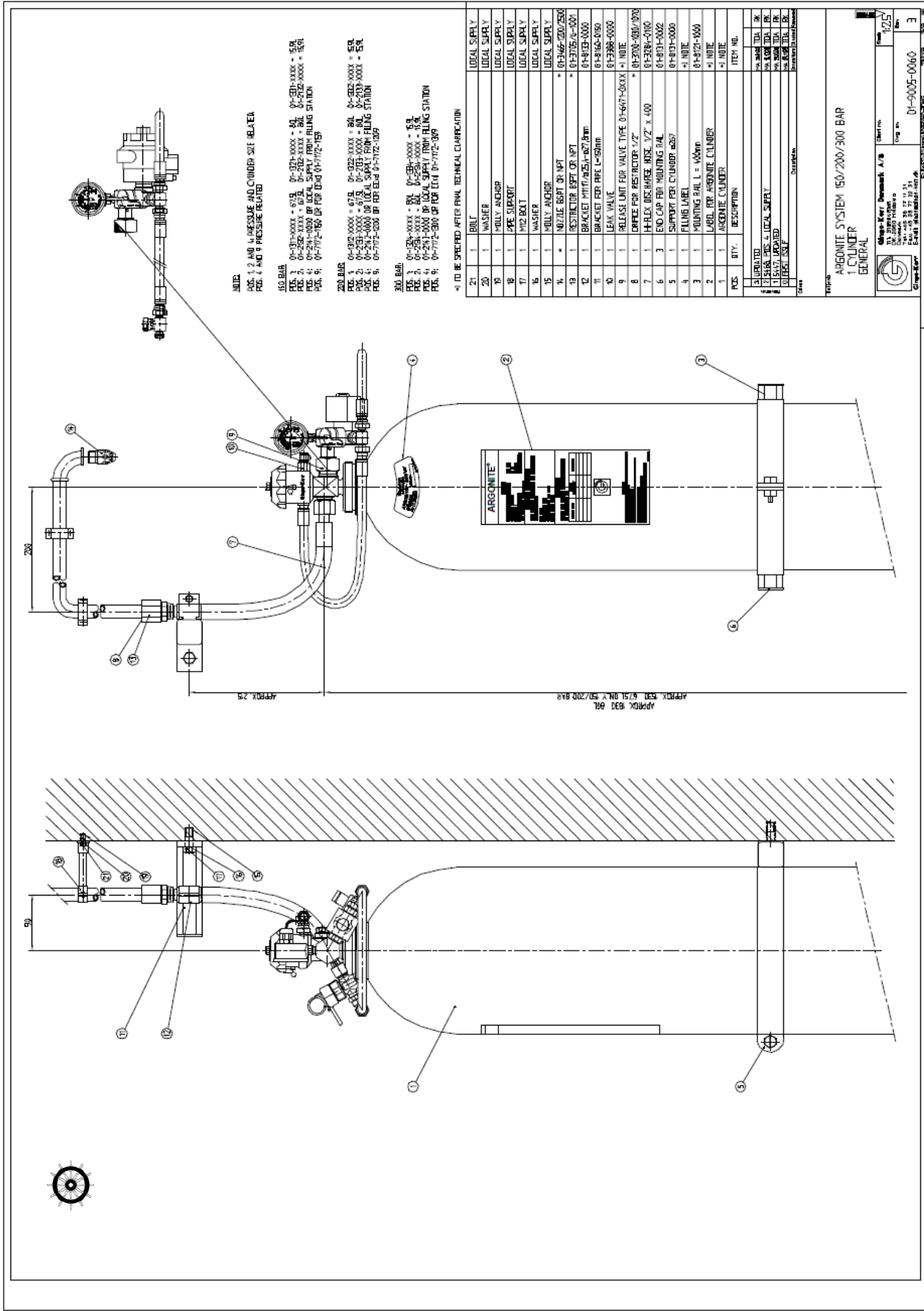
Integrated with Argonite™ Clean Agent System components:

- Release Station
c/w N2 pilot containers
and micro-switches
- Containers
- Electrical release
- Manual Release

Approvals & Listings:

- BV
- ATEX
- TPED
- MED





NOTE:
 POS. 1, 2 AND 9 PRESSURE AND CYLINDER SET RELEASE
 POS. 4 AND 8 PRESSURE RELATED

- 150 BAR
 POS. 1: 01-311-XXXX - 673, 01-321-XXXX - 681, 01-331-XXXX - 654
 POS. 2: 01-252-XXXX - 673, 01-262-XXXX - 681, 01-272-XXXX - 654
 POS. 3: 01-311-XXXX - 673, 01-321-XXXX - 681, 01-331-XXXX - 654
 POS. 4: 01-712-300 - 673, 01-712-300 - 681, 01-712-300 - 654
- 200 BAR
 POS. 1: 01-312-XXXX - 673, 01-322-XXXX - 681, 01-332-XXXX - 654
 POS. 2: 01-253-XXXX - 673, 01-263-XXXX - 681, 01-273-XXXX - 654
 POS. 3: 01-312-XXXX - 673, 01-322-XXXX - 681, 01-332-XXXX - 654
 POS. 4: 01-712-300 - 673, 01-712-300 - 681, 01-712-300 - 654
- 300 BAR
 POS. 1: 01-313-XXXX - 673, 01-323-XXXX - 681, 01-333-XXXX - 654
 POS. 2: 01-254-XXXX - 673, 01-264-XXXX - 681, 01-274-XXXX - 654
 POS. 3: 01-313-XXXX - 673, 01-323-XXXX - 681, 01-333-XXXX - 654
 POS. 4: 01-712-300 - 673, 01-712-300 - 681, 01-712-300 - 654

* TO BE SPECIFIED AFTER FINAL TECHNICAL CLARIFICATION

POS.	QTY.	DESCRIPTION	ITEM NO.
21	1	BOLT	LOCAL SUPPLY
20	1	WASHER	LOCAL SUPPLY
19	1	MILLY ANCHOR	LOCAL SUPPLY
18	1	PIPE SUPPORT	LOCAL SUPPLY
17	1	PIPE BOLT	LOCAL SUPPLY
16	1	WASHER	LOCAL SUPPLY
15	1	MILLY ANCHOR	LOCAL SUPPLY
14	*	NO TIE BOLT ON TPT	01-3715/4-001
13	1	RESTRICTOR BOLT OR NPT	01-1667-200/250
12	1	BRACKET M17/1.25-1/27-PTN	01-8123-000
11	1	LEAK VALVE	01-3288-000
10	1	BRACKET FOR PRE L-50MM	01-8162-050
9	1	RELEASE UNIT FOR VALVE TYPE 01-6467-003X	* NOTE
8	1	RELEASE UNIT FOR VALVE TYPE 01-6467-003X	* NOTE
7	1	H-RLEX DISCHARGE ROSE 1/2" x 1/2"	01-3284-010
6	3	END CAP FOR MOUNTING B/A	01-8131-002
5	1	SUPPORT FOR CYLINDER 6207	01-8131-000
4	1	FILLING LABEL	* NOTE
3	1	MOUNTING BALL - 1/2"MM	01-8122-000
2	1	LABEL FOR ARGONITE CYLINDER	* NOTE
1	1	ARGONITE CYLINDER	* NOTE

ARGONITE SYSTEM 150/200/300 BAR
 T-CYLINDER
 GENERAL

Scale: 1:25

01-9005-0060