



CENTA GROUP
COMPLETE FIRE PROTECTION

DESCRIPTION

The CENTA Fire kit has been specifically designed for easy and quick installation into small to medium sized rooms up to 18m². The systems consist of a steel medium cylinder, a chrome brass rapid discharge valve, high-pressure fire-retardant hose, nozzles, and mounting bracket. Actuation of this system is three-fold.

- Automatic actuation when the break bulb activates.
- Manual actuation using a pull cord.
- Automatic actuation using electronics and a pyrotechnic device.

Recommended areas of installation are boats, armored cars, racing cars, electrical control boards, fuel tanks, heater rooms, small electrical cabling, ATMs, and cell phone tower housings.

INSTALLATION:

The FIREKIT must be secure in its metal bracket, inside or outside the protected area. If outside the protected area the system can only be activated manually.

Check the pressure by looking the gauge, whose indicator must be in green sector. Fix the copper pipes (3) from the FIREKIT body to the area to be protected, connect the discharge nozzles (1) at the end of the pipes (3), directed into the protected area. Fix the remote-pull cable (4) to the hexagon (7) and to the remote-pull handle (2).

Once fully installed and secured the safety pin (8) must be removed to activate the system. The FIREKIT will be ready to work.

A maximum of 8 nozzles can be connected to the two outlets of the valve (4 each outlet) with a maximum length of pipe up to 10 meters for each outlet.

FIREKIT can be activated manually by pulling the remote-pull handle (2), otherwise automatically when the bursting temperature of glass bulb is reached. Glass bulbs are available with bursting temperature at 68, 79, 93 and 141°C.

Electric actuator (6) can be supplied on request. It can be wired with an emergency control push button or through a control panel if there is an automatic detection system.

The electric actuator is a pyrotechnical charge. The pyrotechnical charge requires a minimum current of 20 mA.

It is essential that the FIREKIT is installed by an approved technician.

Included with the kit.

1. CENTA manufactured; SANS 1910 approved 9.0 kg Cylinder.
2. Rapid discharge valve made of chromed brass M30x1,5 (5).
3. Copper pipe with couplings (3).
4. Discharge nozzles made of chromed brass (1).
5. Pull handle (2).
6. Electric actuator (6) (optional) which connects the remote control to an automatic control panel.
7. Sprinkler bulb 68°C / 79°C / 93°C / 141° C.
8. Wall bracket.



SEA FIRE KIT

KIT 90 c/w NAF 227



SPECIFICATIONS:

Height (mm):	500
Diameter (mm):	180
Mass Empty (kg):	4.63
Mass Full (kg):	9.13
Medium:	FM200/NAF 227
Expellant:	Dry Nitrogen
Volume coverage (m³):	9m³
Working pressure (kPa):	1500
Dimensions:	3.2 x 3.1 x 0.9m
Paint coating:	Heavy Epoxy
SANS specification:	SANS 1910

CENTA HEAD OFFICE:

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REFERENCE DRAWING

