## NAFGROUP

The New Safety Frontier











# FS6-LHE

## **FOAM FIRE EXTINGUISHER**

#### CONSTRUCTION

BODY • Seamless aluminium body, manufactured by deep drawing, with plastic foot ring to avoid contact with the ground. External coating in polyester resin, signal red to RAL 3000.

VALVE • Valve is lever operated aluminium alloy body. All external parts are protected against corrosion.

PROPELLANT • The propellant gas is nitrogen. A small percentage of helium is added, to facilitate electronic leak detection.

EXTINGUISHING AGENT • Water with retardant + AFFF. All parts in contact with the extinguishing agent are compatible with the same.

HOSE • Reinforced rubber hose with pressure connections, complete with spray nozzle.

BRACKET • Mild steel, zinc plated and passivated wall bracket suitable for vertical mounting. Transport bracket or extinguisher plastic box for trucks and ships available on request.

### USE

Suitable for class A – combustible materials –, class B – flammable materials – fires, and class F – fires in cooking appliances that involve combustible cooking media.



FS6-LHF is a stored pressure, spray foam fire extinguisher with aluminium body and pressure gauge.

Certified to the Pressure Equipment Directive PED 2014/68/EU, Marine Equipment Directive MED 2014/90/EU and CEN EN3.

100% of the fire extinguishers are checked by an electronic helium leak detection system.

Capacity is 6 l.

**FIRE CLASSES** 











### FOAM FIRE EXTINGUISHER

## TECHNICAL CHARACTERISTICS

MODEL: FS6-LHF

FIRE RATINGS: 27A 233B 75F CHARGE: 61+0 -5%

PROPELLANT: Nitrogen or nitrogen + helium

**EXTINGUISHING AGENT:** Water + additives Discharge time: ~ 60 s DISCHARGE: CYLINDER: Material of construction: Aluminium alloy Manufacturing process:

Deep drawing Polyester resin, minimum thickness 75 micron External painting: 480 h minimum according to ISO 9227:1990 Corrosion resistance:

565 mm

11 bar

13 bar

8,3 kg

72 cartons

578 kg / 598 kg

1,68 m3

170 x 175 x 550 mm

800 x 1200 x 2000 mm

HOSE Reinforced friction rubber tube

Overall length:

PRESSURE: Operating pressure, 20 °C: Operating pressure, 60 °C:

Operating pressure, 0 °C: 9 bar 545 mm Overall height: 160 mm

**DIMENSIONS:** Bottle OD: Empty / Charged: 1,8 kg / 7,8 kg WEIGHT: PACKING SPECIFICATIONS: Single piece cardboard box Standard packing:

Carton size : B x L x H : Weight per carton:

Pallet:

Pallet size: BxLxH:

Pallet volume:

Weight per pallet (net/gross):

1 The Valve consists of one block of aluminium alloy.

Reinforced rubber tube with spray nozzle.

INT ING '

② The spindle is made up of acetal resin for prefect sealing

③ The spring does not interfere with the flow of the extinguishing agent: this permits a perfect discharge.

4 The large diameter of the safety pin ensures an easy grip even with work gloves.

(5) The shock-proof pressure gauge provides an accurate indication of pressure status of the extinguisher.

**⑤** The hose made of rubber: it guarantees a perfect flexibility within temperature range.

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(8) Protective plastic base. \*

(9) The wall bracket, made of steel, ensures the easy release of the fire extinguisher.

(11) Versatile wall mount adaptor that allows for easy installation of several wall bracket models. \*

① The single piece, deep drawn aluminium alloy body ensures maximum sealing and, thanks to its light weight, perfect handling.

12) Foam refilling kit. \*

\* = NOT STANDARD BUT AVAILABLE ON REQUEST. DATA AND CHARACTERISTICS SHOWN ON THIS TECHNICAL SPECIFICATION MAY BE MODIFIED IN ANY MOMENT WITHOUT

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