

ANAF Fire Protection

FG9-F XF MAINTENANCE GUIDE

This document is a maintenance guide intended for competent, trained and qualified personnel, in accordance with the regulations in force in the country concerned.

It will not be able to cover all cases that may arise during an inspection or verification operation, but will provide information on the most common cases. The competent personnel must be familiar with the standards and regulations in force in the country, must, in the performance of their duties, comply with the applicable safety and hygiene rules and comply with the instructions provided by the manufacturer.

1. TOOLS

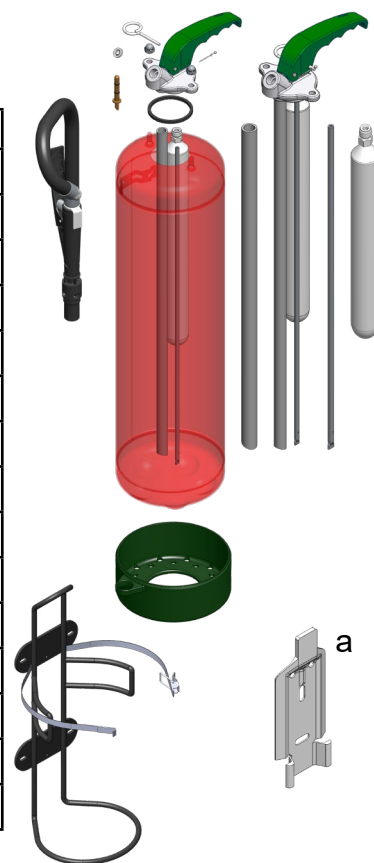
The tools and equipment listed below are required for the maintenance of this type of fire extinguisher:

- Use personal protective equipment.
- A torque wrench from 0Nm to 20Nm for fastening the nuts to the tank
- A 13 mm wrench for the M8 nuts of the valve
- A vise with a diameter of at least 170 mm and a clamping force not exceeding 60 Nm.

It is better to film the surfaces in contact with the fire extinguisher with protection made up of a semi-hard caoutchou of 2 -3 mm of thickness.

2. SPARE PARTS

Description	Code
Complete valve, dip tube and CO2 cartridge	00.051F.8501.00K0
Valve with green lever	00.051E.8491.00K0
Safety pin	00.580E.5020.00K0
Seal	00.245E.5030.00K0
Valve seal	00.050E.5000.ORK0
CO2 dip tube	00.041E.5951.00K0
Complete firing pin with seals	00.050E.5035.00K0
Dip Tube	00.050F.5900.00K0
CO2 cartridge 60g	00.051F.3900.01K0
EPDM Pipe Membrane	00.040E.2400.ALK0
Flexible	00.041E.2400.10K0
M8 Blind Nut for Valve	N000.VT.050.00K0
Green plastic base Ø160 with hose bracket	00.890E.7100.10K0
Wall bracket (a)	00.005E.2950.00K0
Transport bracket	00.050F.2900.00K0



N.B.

If, during the course of maintenance, it is necessary to replace components of the fire extinguisher, the operator is **OBLIGED** to use **ONLY** and **EXCLUSIVELY** the products and spare parts that conform to the certified equipment.

Failure to comply with the above shall exonerate the manufacturer from any liability for damage to persons and/or property."

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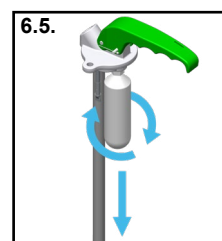
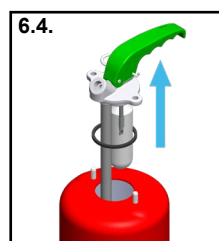
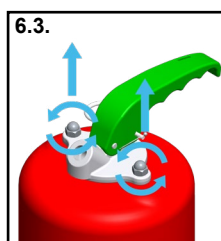
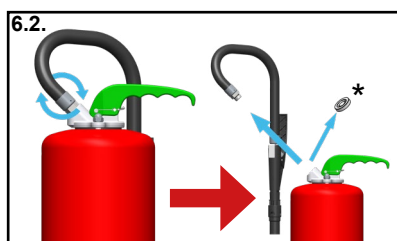
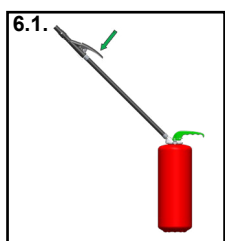
3. VISUAL INSPECTION

1. Control tank damage, including paint shortages.
2. Ensure the correct position and integrity of the safety pin, sealed/wire and that the cuff is well assembled.



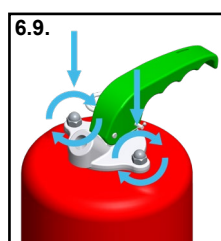
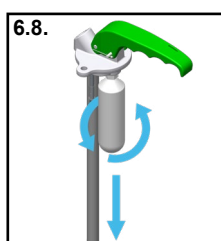
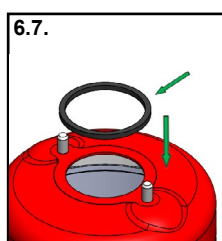
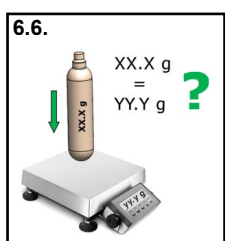
3.1 SERVICING AFTER VISUAL INSPECTION

- 1) Squeeze the blow gun to check that there is no pressure in the appliance (cfr 6.1);
- 2) Disassemble the sleeve (cfr 6.2). Care must be taken of the rupture disc mounted between the valve and the seal (*); Check the condition and suitability of the lance and gun and ensure that the gun and/or lance are not obstructed, cracked, worn or damaged. Replace them if necessary;
- 3) Unscrew the valve nuts and if no gas is escaping from the body, unscrew them completely (cfr 6.3);
- 4) Remove the valve including the dip tubes and the CO₂ cartridge (cfr 6.4);
- 5) Unscrew the CO₂ cartridge from its housing (cfr 6.5);



- 6) Check the weight of the person with the weight indicated on his body. If the weight is different, substitute the cartridge (cfr 6.6);
- 7) Replace the valve seal (cfr 6.7);
- 8) Reassemble the CO₂ cartridge. Use a new cartridge if its weight does not match the weight marked on his body (cfr 6.8);
- 9) Replace the valve and tighten the nuts to 14 Nm +0 / -2 with a torque wrench (cfr 6.9);
- 10) Insert the EPDM rupture disc into its sleeve and sealed housing.

* Clean the cuff and put it back on.



4. RECHARGE

These operations **MUST** be carried out by placing the extinguisher in a vise - see paragraph 1 - tooling
To refill fire extinguishers, follow these steps:

- 1) Disassemble the sleeve (cfr 6.2). Check the condition and suitability of the lance and blow gun and ensure that the gun and/or lance are not clogged, cracked, worn or damaged. Replace them if necessary;
- 2) Unscrew the valve nuts and if no gas is escaping from the body, unscrew them completely (cfr 6.3);
- 3) Disassemble the plunger tub and the CO₂ cartridge group (cfr 6.4);
- 4) Empty the contents of the fire extinguisher into an appropriate container according to the standards of the country in which the fire extinguisher is located;
- 5) Blow the inside of the tank, valve, dip tube cleanly with dry air;

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6) Refill the fire extinguisher with :

- **8,415 l water;**
- **Anaf Refill Kit - Cod 77.051F.9001.00**

for a total of 9 l +0 -5% extinguishing agent;



7) Replace the valve seal (cfr 6.7);

8) Assemble a new CO2 cartridge in its seat on the valve (cfr 6.8);

9) Replace the valve and tighten the nuts to 14 Nm +0 / -2 with a torque wrench (cfr 6.9);

10) 10) Replace the cuff after cleaning.

Use only the extinguishing agent mentioned in Part 4 of the label (check the following example)

Example of marking of an extinguisher according to EN3-7:2008 to highlight the references of the extinguishing agent on the label

