



PRODUCT TECHNICAL SPECIFICATIONS

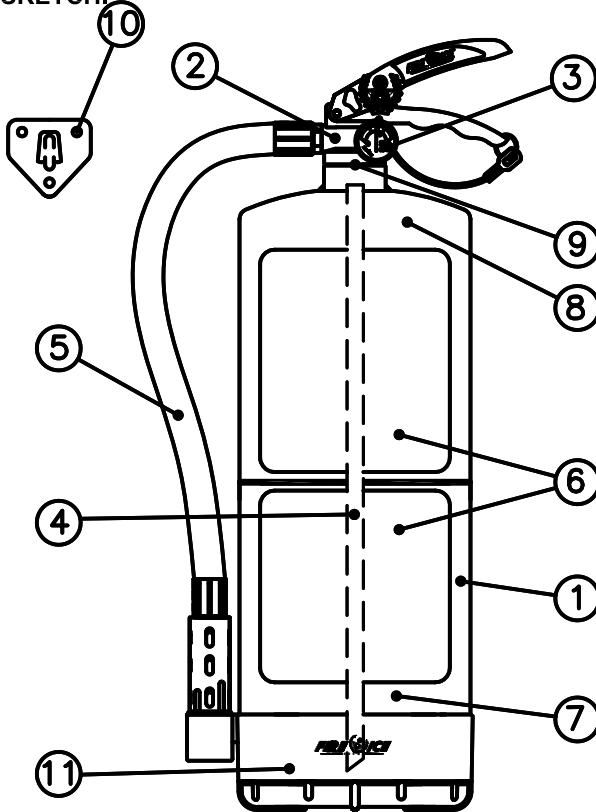
Nr.	TP-32
REV.	7
DATE:	04-03-2013

PRODUCT:
PORTABLE FIRE EXTINGUISHER OF 9 kg POWDER ABC

TYPE: PORTABLE FIRE EXTINGUISHER ABC
CODE: FI90

FEATURES:
Permanently pressurized, multipurpose powder fire extinguisher in rechargeable steel cylinder.

SKETCH:



REGULATIONS AND REGISTERS

- Pressure Equipment Directive UE 97/23/CE;
- Pressure Equipment Regulations;
- Regulation of fire protection facilities;
- European standard EN 3 (UNE 23110);
- ES UNE-EN 615. Fire extinguishing media;
- ES UNE-EN 10130: Cold-rolled low carbon steel flat products;
- Mark
- Quality assurance according UNE EN ISO 9001;
- Mark product quality;
- Quality management system certificate.

TECHNICAL SPECIFICATIONS

Desing pressure	27 bar
Test pressure	27 bar
Working pressure (20 °C)	17 bar
Fire rating (efficacy)	34A 183B C
Load (tolerance: ±2%)	9 kg
Working temperatures	-30/60 °C
Propelling load (tolerance: ±10%)	140 g

DIMENSIONS

Height	588 mm
Diameter	180 mm
Nominal thickness	1,5 mm
Volume	10,85 liters
Tare(cylind, valv and syp tube)	4,20 kg
Total mass	13,34 kg

Nr.	DESCRIPTION OF THE PART	MATERIALS	QUANT
1	CYLINDER FI 90	Steel plate DC-04	1
2	VALVE FI 60	Brass, steel and rubber	1
3	GAUGE (ø27 mm)	Chrome-plated brass	1
4	SYPHON TUBE FI 90	PVC	1
5	HOSE FI 90	PVC, textile and HD polyethylene	1
6	LABEL (UPPER AND LOWER) FI 90	Silkscreen or adhesive acetate	1
7	EXTINGUISHER MEDIA	ABC multipurpose dry powder	9 kg
8	PROPELLANT	Dry nitrogen (N ₂)	140 g
9	CYLINDER SEAL FI 60	Elastomer	1
10	WALL SUPPORT FI 60	Galvanized steel	1
11	INJECTED STAND FI 90	Polypropylene	1

SAFETY DEVICES:
Safety pin in handle of operation.
Safety seal in safety pin.

COMMENTS:
Suitable for: A, B and C fire. (Also with presence of electrical tension);
It must not be used in D fires or reactive material (Na, K, Mg);
Painting 100% polyester powder polymerized in oven red color RAL 3000;
The instructions of use and maintenance must be consulted.

FIRE ICE, S.L.
Políg. Ind. de Castellanos, parc. 302; CASTELLANOS DE MORISCOS 37439
(Salamanca) ESPAÑA (SPAIN) Tlf 34-923361557, Fax 34-923361394

PREPARED:

A. G. REDONDO.

APPROVED:

J. CASTILLA C.