

## STINGATOARE TRANSPORTABILE CU SPUMA MECANICA PRESURIZATE PERMANENT

### 1. DATE GENERALE

#### 1.1 DOMENIUL DE UTILIZARE

Se utilizeaza la stingerea inceputurilor de incendii din clasele A si B, in spatii inchise sau deschise (statii PECO, magazine, depozite, magazii, centrale termice, etc.).

Se utilizeaza cu eficienta maxima in zone cu arii intinse si potential mare de risc la incendiu.

Sunt usor de manevrat de o singura persoana. Jetul de spuma este suficient de puternic si performant, permitand rezultate optime in actiunea de stingere, chiar si de catre o persoana mai putin experimentata.

#### 1.2 DATE CONSTRUCTIVE

##### RECIPIENTUL

Este executat din tabla de otel prin procedee de sudura omologate, pe masini automate de sudat.

Protectia anticoroziva este asigurata prin vopsire in camp electrostatic.

##### ROBINETUL

Este executat din alama, fiind prevazut cu brat declansator si manometru indicator de presiune.

##### AGENTUL DE STINGERE

Solutie spumanta fluoroproteinica care asigura stingerea cu eficienta maxima pentru focarele de tip A si B. Spumantul nu contine substante periculoase pentru sanatatea oamenilor si a mediului inconjurator.

##### GAZUL PROPULSOR

Azotul (N<sub>2</sub>). Gaz ecologic fara variatii de presiune la variatiile de temperatura.

### 2. CARACTERISTICI TEHNICE GENERALE

Presiune de lucru	14 bar	Temperatura admisa	0°C...+55°C
Presiune de proba	25 bar	Termen de garantie	12 luni
Control presiune	vizual pe manometru	Scadenta la termen	3 ani

Verificarea stingatorului se face cel putin o data la 30 zile, prezenta acului indicator al manometrului in zona verde confirmand functionalitatea stingatorului.

### 3. CARACTERISTICI TEHNICE SPECIFICE

Tip stingator	Focar tip	Dimensiuni Ø x H [mm]	Greutate stingator [kg]	Cantit. pulbere [kg]	Timp min. descarcare [sec]	L. min. jet [m]
SM 50	AB	300 x 1100	72	50	60	7
SM 100	AB	400 x 1270	127	100	90	7

#### PRECIZARI

Stingatoarele sunt prevazute cu furtun de refulare asamblat cu generator de spuma.

### 4. STANDARDE, AVIZARI, CERTIFICARI

Executie conform SR EN 3-98, respectand focarele definite prin SR EN 2-97.

Avizari emise de: IGCPM, ISCIR, RNR, biroul PSI al M.Ap.N.

Produse executate in sistem de management al calitatii certificat SR EN ISO 9001 de:

- SC SIMTEX - OC SA (organism acreditat RENAR)
- OMCAS - Organismul Militar de Certificare, Acreditat si Supraveghere

## TRANSPORTABLE STORED PRESSURE FIRE EXTINGUISHERS WITH FOAM

### 1. GENERAL PRESENTATION

#### 1.1 USE OF THE EXTINGUISHERS

These fire extinguishers are used to extinguish fires beginning of A and B classes in open or closed spaces (gas stations, storehouses, warehouses, shops, thermic stations, ships, etc.).

They are very efficient to use on large zone and high risk of fire.

The transportable fire extinguishers are very easy to move. The foam jet is performed and strong enough so you can get a best result of the extinguishing action, even by a person less experienced.

#### 1.2 CONSTRUCTION

##### CYLINDER

The cylinder is manufactured by made of parts of mild steel assembled through certified welding procedures, on automatic welding plants, with integral handle, axle and ground support. The wheels are replaceable.

The anticorrosive protection is assured by painting in electrostatic field.

##### VALVE

The valve is lever operated with nickel-plated brass body. An inspectionable accessible side dial pressure gauge is provided. All the external valve parts are protected against corrosion.

##### EXTIGUISHING AGENT

The ecological flouoroproteinic foam is used as extinguishing agent; it assures maximum efficiency in extinguishing actions against A and B types of fires. The foam does not contain dangerous substances for human health and environment.

##### PROPELLING GAS

The propelling gas is Nitrogen (N<sub>2</sub>), an ecological gas without pressure variations as a result of temperature variations.

### 2. TECHNICAL CHARACTERISTICS

Working pressure	14 bar	Admissible temperature	0°C...+55°C
Test pressure	25 bar	Guarantee term	12 months
Control pressure	On manometer	Validity time	3 years

The fire extinguisher must be verified at least once every 30 days. The functionality of the extinguisher is confirmed by the presence of the pressure gauge indicator on the green sector of dial.

### 3. SPECIFIC TECHNICAL CHARACTERISTICS

Type of extinguisher	Focus Type	Dimensions Ø x H [mm]	Weight [kg]	Powder quantity [kg]	Min. time of discharge [sec]	Min. length of jet [m]
SM 50	AB	300 x 1100	72	50	60	7
SM 100	AB	400 x 1270	127	100	90	7

#### NOTICE

The fire extinguishers are provided with reinforced rubber hose with pressure connections, completed with foam generator.

### 4. NORMS, APPROVALS LICENCES, CERTIFICATIONS

Manufactured according to SR EN 3-98, complying with the focus imposed by SR EN 2-97.

Approvals issued by IGCPM, ISCIR, RNR and the Ministry of Defense.

Quality system certification SR EN ISO 9001 issued by:

- SC SIMTEX - OC SA (RENAR certification body)
- OMCAS - Ministry of Defense certification body