

STINGATOARE PORTABILE CU PULBERE PRESURIZATE PERMANENT

1. DATE GENERALE

1.1 DOMENIUL DE UTILIZARE

Se utilizeaza la stingerea inceputurilor de incendii din clasele A,B,C, in spatii inchise sau deschise (mijloace de transport auto, statii PECO, magazine, depozite, magazii, centrale termice, nave, vagoane CFR, etc.), precum si asupra echipamentelor electrice cu tensiuni pana la 1000 V.

1.2 DATE CONSTRUCTIVE

RECIPIENTUL

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

Protectia anticoroziva este asigurata prin vopsire in camp electrostatic.

ROBINETUL

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

AGENTUL DE STINGERE

Pulbere ecologica uscata universala ABC-E 40% care asigura stingerea cu eficienta maxima pentru toate tipurile de focare. Pulberea nu contine substante periculoase pentru sanatatea oamenilor si a mediului inconjurator.

GAZUL PROPULSOR

Azotul (N₂). Gaz ecologic fara variatii de presiune la variatiile de temperatura

2. CARACTERISTICI TEHNICE GENERALE

Presiune de lucru	14 bar	Temperatura admisa	-20°C...+60°C
Presiune de proba	25 bar	Termen de garantie	12 luni
Control presiune	vizual pe manometru	Scadenta la termen	5 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]
P 1	5A21BC	80 x 325	1,90	1	6	3
P 1,5	5A21BC	80 x 340	2,80	1,50	6	3
P 2	8A34BC	130 x 315	3,80	2	6	3
P 3	8A55BC	130 x 450	5,40	3	9	4
P 5	13A89BC	130 x 560	7,90	5	10	4
P 6*	21A113BC	160 x 500	8,90	6	12	4
P 10*	27A144BC	160 x 670	14,20	10	15	4

PRECIZARI

1. Tipurile de stingatoare notate cu asterisc (*) sunt prevazute cu furtun de refulare asamblat cu duza de evacuare.

2. Toate celelalte tipuri de stingatoare sunt prevazute cu duza de evacuare a pulberii.

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.

Produce 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

DRY POWDER PORTABLE STORED PRESSURE FIRE EXTINGUISHERS

1. GENERAL PRESENTATION

1.1 USE OF THE EXTINGUISHERS

These fire extinguishers are used to extinguish fires beginning of A, B and C classes in open or closed spaces (cars, trucks, gas stations, storehouses, warehouses, shops, thermic stations, ships, vans, etc.) and also fires to electrical equipment up to 1000 V.

1.2 CONSTRUCTION

CYLINDER

The cylinder is manufactured by made of parts of mild steel assembled through certified welding procedures, on automatic welding plants, or consists in a single piece made of aluminium alloy.

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 ABC - E 40% multipurpose dry powder is used as extinguishing agent; it assures maximum efficiency in extinguishing actions against all types of fires. The powder does not contain dangerous substances for human health and environment.

PROPELLING GAS

The propelling gas is Nitrogen (N₂), an ecological gas without pressure variations as a result of temperature variations.

2. TECHNICAL CHARACTERISTICS

Working pressure	14 bar	Admissible temperature	-20°C...+60°C
Test pressure	25 bar	Guarantee term	12 months
Control pressure	On manometer	Validity time	5 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]
P 1	5A21BC	80 x 325	1,90	1	6	3
P 1,5	5A21BC	80 x 340	2,80	1,50	6	3
P 2	8A34BC	130 x 315	3,80	2	6	3
P 3	8A55BC	130 x 450	5,40	3	9	4
P 5	13A89BC	130 x 560	7,90	5	10	4
P 6*	21A113BC	160 x 500	8,90	6	12	4
P 10*	27A144BC	160 x 670	14,20	10	15	4

NOTICE

1. The fire extinguishers noted with (*) are provided with reinforced rubber hose with pressure connections, completed with nozzle.
2. All the other types of fire extinguishers are provided with nozzle.

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