

AUTOMATIC FIRE EXTINGUISHER PS1-AT, PS2-AT and PS3-AT ABC

PS1-AT, PS2-AT and PS3-AT are stored pressure fire extinguishers with ABC powder with pressure gauge. The operating temperatures are 68 or 79° C. Certified to the Pressure Equipment Directive PED 97/23/EC. Capacity 1, 2, 3 kg.



CONSTRUCTION

BODY PS1-AT, PS2-AT • Deep drawn aluminium cylinder, externally painted with polyester resin.

BODY PS3-AT • Deep drawn mild steel body, externally painted with polyester resin

VALVE • Valve is sprinkler type, with nickel plated brass body, equipped with a pressure gauge. All external valve parts are protected against corrosion.

PROPELLING GAS • The propelling gas is a mixture containing helium. This permits an accurate electronic control of leaks.

EXTINGUISHING AGENT • ABC multipurpose dry powder. All parts in contact with the extinguishing agent are compatible with the same.

BRACKET PS1-AT, PS2-AT • Plastic bracket for vertical or horizontal mounting, designed also for vehicle and marine use.

BRACKET PS3-AT • Mild steel, zinc plated and passivated ceiling bracket suitable for vertical mounting.

USE

Suitable for all fires, except metal fires.

FIRE CLASSES



TECHNICAL CHARACTERISTICS

MODEL	PS1-AT ABC	PS2-AT ABC	PS3-AT ABC
FIRE CLASSES	A-B-C	A-B-C	A-B-C
CHARGE	1 kg ± 5%	2 kg ± 3%	3 kg ± 2%
PROPELLING AGENT	Azote + Helium	Azote + Helium	Azote + Helium
EXTING. AGENT	40% ABC dry powder	40% ABC dry powder	40% ABC dry powder
DISCHARGE	Discharge time:	6 s	10 s
	Average throw:	1,5 m at 3 m height	1,5 m at 3 m height
BOTTLE	Material of construction:	Aluminium Alloy 3003	mild steel Fe P04 UNI 5866
	Manufacturing process:	deep drawing	deep drawing and MIG welding
	External painting:	polyester resin, min. thickness 75 µm	polyester resin, min. thickness 75 µm
	Corrosion resistance:	480 h min. according to ISO 9227:1990	480 h min. according to ISO 9227:1990
PRESSURES	Operating pressure, 20 °C:	13 bar	13 bar
	Operating pressure, 60 °C:	15 bar	15 bar
	Operating pressure, -30 °C:	11 bar	11 bar
	Bottle test pressure:	20 bar	20 bar
	Bottle burst pressure:	≥ 55 bar	≥ 55 bar
DIMENSIONS	Bottle OD:	82 mm	110 mm
	Overall height:	295 mm	375 mm
SENSING ELEMENT		glass bulb type	glass bulb type
	Standard avail. temperatures:	68 or 79 °C	68 or 79 °C
MASSES	Empty mass / Charged Mass:	0,45 kg / 1,45 kg	0,8 kg / 2,8 kg
PACKING SPEC.	Standard packing:	6 pieces cardboard box	single pieces cardboard box
	Carton size : B x L x H:	265 x 200 x 320 mm	345 x 230 x 385 mm
	Volume:	0,017 m ³	0,043 m ³
	Mass per carton:	9,40 kg	16,50 kg
	Pallet:	90 cartons (540 pieces)	36 cartons (216 pieces)
	Pallet size : B x L x H:	800 x 1200 x 1745 mm	800 x 1200 x 1885 mm
	Pallet volume:	1,68 m ³	1,81 m ³
Mass per pallet:	846 kg net / 866 kg gross	625 kg net / 645 kg gross	

DATA AND CHARACTERISTICS SHOWN ON THIS TECHNICAL SPECIFICATION MAY THEREFORE BE MODIFIED IN ANY MOMENT WITHOUT NOTICE

GLASS BULB COLOUR CODE

Orange	57°	135F
Red*	68°	155F
Yellow*	79°	175F
Green	93°	200F
Blue	141°	288F

* Standard type available at stock, on demand for the other models.

