

WHEELED FIRE EXTINGUISHERS

INSTALLATION:

No particular skills are required.

OPERATION:

The carbon dioxide wheeled fire extinguishers has a work pressure of 51.7 bar at 20°C.

TORQUE FORCE:

The valve is screwed down on the cylinder with a torque force:

Connection 3/4" NGT is 20 kgm (196 Nm).

Connection 1" NGT is 22 kgm (216 Nm).

The hose is screwed on the valve with a torque force between 15 and 16N*m;

The safety valve is screwed on the valve with a torque force between 12 and 13N*m.

Warning: The extinguisher:

- 1) Can be used on live electrical equipment until 1000 Volt at distance 1 mt.
- 2) After the use in closed rooms you must aerate the room. Avoid breathing of fire smoke and of carbon dioxide.
- 3) After the use, even if partial use, the extinguisher must be refilled.
- 4) Storage and working temperature range is between -30°C and +60°C.
- 5) The extinguisher should be inspected according to the local regulations.
- 6) The use of not original spare parts it is not allowed.
- 7) Any partial use require immediate service call.
- 8) Familiarise relevant persons with the Material Safety Data Sheet (MSDS) for the extinguishing agent. MSDS are available on the a.b.s S.r.l. website.

USE AND WARNING:

Use the extinguisher only in case of fire or for training.

- 1) Unroll the hose;
- 2) Pull out the safety pin;
- 3) Open the valve on the cylinder;
- 4) Hold the horn;
- 5) Squeeze the lever and aim the jet at the base of fire.

CO2 is very efficient on fire class "C" involving gas LPG propane etc and good only for small fire in initial phases in class "A" (woods textiles etc)

DISPOSAL:

The disposal of the extinguisher should follow the local regulation.

CO₂ gas can be easily recovered by a fire extinguisher service company.

Discharging the atmosphere will increase-pollution and global warming.

PERIODIC INSPECTIONS, SERVICING AND TESTS:

The extinguisher must be serviced according to the local regulations (in most countries 1 year).

The cylinder hydraulic test has to be done every 10 years (PED 97/23/CE) or earlier in case of corrosion.

FILLING RATIO: 66% suggested for tropical climate conditions if exported in middle east or hot countries.

In cold climate countries the maximum recommended filling ratio is 75% continental standard.

FOR SPARE PART LIST SEE THE RELEVANT TECHNICAL BULLETIN

INSTRUCTIONS FOR THE USER

PHASE	EVENT	DANGEROUS	SUGGESTIONS AND PRECAUTIONS	MESURES
TRANSPORT AND INSTALLATION	FALL	BUMP	Carry in container which protects the product from bumping over.	In case of dent, give the product back to the maker for control
OPERATION	OVER-PRESSURE / WHEATHER / CORROSION	BURSTING / REDUCING OF THE THICKNESS	The wheeled co2 fire extinguisher is charged with a pressure of 51.7 bar at 20°C. The pressurization must be done by means of a well-tuned pressure reducer. Avoid: -Do not bump which can damage the painting -Washing and contact with corrosive materials.	If corrosion is pointed out please call the maintenance company for an immediate hydraulic test. OPTIONAL: To avoid over pressure in the extinguisher, a safety disc is mounted on it. If this is provided, the opening pressure will be at 200 ± 15 bar.
MAINTENANCE	IMPROPER DEPRESSURIZATION	VIOLENT CAST OF COMPONENT OR PART OF THEM	The maintenance must be done by qualified company (in extinguishers maintenance)	The maintenance of the extinguisher must be done according to the local regulation
DISPOSAL	IMPROPER DEPRESSURIZATION	BLOW OF PARTS RISK OF SERIOUS INJURIES	The disposal must be done by qualified company (in chemical products disposal)	For the disposal of the extinguisher call only authorized company who make it according to the local regulations In case of contact of the CO ₂ , wash immediately with a large amount of water

CARBON DIOXIDE



Inflammable liquids, gasoline, oil etc.

FILLING TOLLERANCE

Capacity	Tolerance	Weight
10 Kg	0 / - 5%	10 / 9,5
18 Kg	0 / - 5%	18 / 17,1
20 Kg	0 / - 5%	20 / 19
27 Kg	0 / - 5%	27 / 26,65
30 Kg	0 / - 5%	30 / 28.5
45 Kg	0 / - 5%	45 / 42,75
50 Kg	0 / - 5%	50 / 47.5
54 Kg	0 / - 5%	54 / 51,3