

Carbon Dioxide Hand Portable Fire Extinguishers

Features

- Simple operation and maintenance
- Portable, compact design
- Non-corrosive, non-conductive, clean suppressing agent that leaves no residue
- Lightweight aluminum shell
- Aluminum models are available in 5 lb (2.3 kg), 10 lb (4.5 kg), 15 lb (6.8 kg), and 20 lb (9.1 kg)
- All aluminum models are UL and ULC Listed
- All aluminum models have trilingual glare-resistant, one-piece mylar nameplates (English, French, and Spanish)
- US Coast Guard approved heavy duty vehicle brackets for marine use.
- The operating temperature range is -22 °F to 120 °F (-30 °C to 49 °C)
- Six year limited warranty

Application

SENTRY Carbon Dioxide Fire Extinguishers are designed to protect areas where Class B (flammable liquids and gases) or Class C (energized electrical equipment) fires could occur. They may be used indoors where winds and drafts do not affect discharge or where a clean suppressing agent is required.

Applications include:

- Laboratories
- Electronic equipment
- Low voltage electrical equipment
- Municipal fire departments

Ordering Information

For fire protection assistance, see your nearest Authorized SENTRY Distributor.



012120

Description

The easy grip handle provides non-slip holding and quick activation of the extinguisher. The ring pin and visual seal help prevent unwanted discharge of the extinguisher. If the extinguisher is tampered with, the visual seal self-destructs, making detection of tampering easy. The metal ring pins help prevent accidental discharge if the extinguisher is dropped or mishandled.

The extinguisher nameplate provides only vital information related to the use and care of the unit, such as:

- Operation instructions – Easy to follow pictographs and instructions help novice firefighters to operate the unit correctly.
- Agent identification and fire class rating – Pictographs and clear, simple statements show what fuels the agent can suppress.
- After use instructions – Provide basic steps for extinguisher recharge, and inspection.

The one-piece steel shell is deep drawn from tough, low carbon steel to help provide resistance to impact, vibration, and corrosion. The aluminum shell model is sturdy, yet lightweight.





The special red powder paint finish makes the unit easy to locate in an emergency. The paint resists cracking and chipping, adding to the corrosion-resistance of the shell.

Available with a U.S. Coast Guard approved vehicle mounting bracket, or a standard wall hanger is available for all sizes to provide versatility in extinguisher selection and application.

Note: The converted metric values in this document are provided for dimensional reference only and do not reflect an actual measurement.

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Specifications

Carbon Dioxide Extinguishers	 012118	 012119	 012120	 012121
Model	CD05A-1 (aluminum)	CD10A-1 (aluminum)	CD15A-1 (aluminum)	CD20A-1 (aluminum)
Extinguisher Part No.	431553 (UL/ULC)	431554 (UL/ULC)	431555 (UL/ULC)	431556 (UL/ULC)
Bracket Part No.	25419	79456	79456	25420
Agent capacity	5 lb (2.3 kg)	10 lb (4.5 kg)	15 lb (6.8 kg)	20 lb (9.1 kg)
UL/ULC rating	5-B:C	10-B:C	10-B:C	10-B:C
Coast Guard classification	Type B:C, Size I	Type B:C, Size I	Type B:C, Size II	Type B:C, Size II
Maximum effective range	6 ft (1.8 m)	6 ft (1.8 m)	6 ft (1.8 m)	6 ft (1.8 m)
Charged weight (without horn/hose)	13 1/2 lb (6.1 kg)	26 3/4 lb (12.1 kg)	35 3/4 lb (16.2 kg)	46 3/4 lb (21.2 kg)
Discharge time (seconds)	10	8.7	15.1	19.6
Dimensions: (without horn/hose)	<div> <div>in. (mm)</div> <div> <div>Height</div> <div>Width</div> <div>Depth</div> </div> </div>	<div> <div>in. (mm)</div> <div> <div>21 1/4 (540)</div> <div>10 15/16 (278)</div> <div>7 (178)</div> </div> </div>	<div> <div>in. (mm)</div> <div> <div>28 (711)</div> <div>10 15/16 (278)</div> <div>7 (178)</div> </div> </div>	<div> <div>in. (mm)</div> <div> <div>28 (711)</div> <div>12 (305)</div> <div>8 3/32 (206)</div> </div> </div>
Hose length (5/16 in. [7.9 mm] diameter)	Discharge tube with horn	36 in. (914 mm)	36 in. (914 mm)	36 in. (914 mm)
Shell (outside diameter)	5 1/4 in. (133 mm)	6 29/32 in. (175 mm)	6 29/32 in. (175 mm)	8 in. (203 mm)
Service pressure	1800 psi (124 bar)	1800 psi (124 bar)	1800 psi (124 bar)	1800 psi (124 bar)
Fire suppression capability *				
Operator:				
Novice	5 ft ² (0.47 m ²)	10 ft ² (0.93 m ²)	10 ft ² (0.93 m ²)	10 ft ² (0.93 m ²)
Experienced	12.5 ft ² (1.16 m ²)	25 ft ² (2.32 m ²)	25 ft ² (2.32 m ²)	25 ft ² (2.32 m ²)

* Underwriters Laboratories (UL and ULC) classifies a novice operator as one who has little or no experience in operating a fire extinguisher.

Hydrostatic Test Requirement: Once every 5 years (all models)