

RUSOH^{INC.}

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1. Product Name

- Rusoh® Eliminator® Self-Service Reloadable Dry Chemical Fire Extinguisher

2. Manufacturer

Rusoh, Inc.
3925 North Hastings Way
Eau Claire, WI 54703
Phone: 800-318-2944
Fax: 715-839-2122
Email: contact@rusoh.com
Web: www.rusoh.com

3. Product Description

Basic Use

The Rusoh Eliminator fire extinguisher is a reloadable, dry chemical extinguisher that replaces traditional stored pressure extinguishers with self-service technology, eliminating third-party service contracts, thus allowing more control over fire protection assets for site owners and managers. These five pound units are UL-rated at 3-A:40-B:C. Select either class ABC multipurpose for general building installation in light or ordinary hazard areas, or class BC for areas where flammable liquids and gases are stored. The Rusoh Eliminator is designed to fit in most standard extinguisher cabinets and comes with a wall bracket specifically designed to prevent the extinguisher from being accidentally knocked off of the wall. The wall bracket includes multiple hardware options for easy installation.

These products are re-engineered dry chemical fire extinguishers with technical design improvements in the discharge pattern, functional ergonomics and materials providing an advanced fire extinguisher for commercial use across many hazard classes.

The optional DOT-certified marine bracket can be used for vehicle and stationary mounts where standard mounts and cabinetry are inadequate. Inspections are easy to perform and the unit can be visually verified as functional to meet the inspection code standard. An inspection tag is supplied with every unit. The units may be reloaded onsite. Training for reloading and inspection is available by watching tutorial videos [here](#).

Composition and Materials

Rusoh portable fire extinguishers are made from proprietary polymeric materials and are designed to resist corrosion from the elements, making them ideal for specific installations where exposure to weather can shorten the operating life of typical metal extinguishers.



09300 ABC



09304 BC

Features and Benefits

The self-service design allows building owners/managers to designate inspection personnel that can perform monthly/yearly inspections, eliminating third-party service contracts.

- All materials are recyclable
- Rust-proof engineered polymer design
- Online video training in usage, inspection and reloading
- Luminescent hose clip provides location in power outages
- Non-pressurized CO₂ cartridge design is pressurized only when needed
- Patented Rusoh fluffing wheel system allows full inspection with minimal training
- Advanced integrated nozzle and valve assembly delivers superior fire knock down
- After discharging, the Rusoh Eliminator can be reloaded onsite via a standard reloading kit

Product Limitations

Local codes may require different chemical types and/or sizes depending on the hazard level. Dry chemical extinguishers should not be used on or near advanced electronics due to corrosive properties of dry chemical agents. ABC dry chemicals should not be used near oxidizers, such as chlorine. BC dry chemical is recommended for these areas.

Safety Data Sheets (SDS)

Rusoh Eliminator with CO₂ cartridge SDS available [here](#).

Rusoh Eliminator SDS ABC dry chemical available [here](#).

Rusoh Eliminator SDS BC dry chemical available [here](#).



85994 ABC Reloading Kit

09300 5 pound ABC - CO₂ Cartridge Cover Open

81568 BC Reloading Kit

Types

- **ABC Dry Chemical** is a monoammonium phosphate based extinguishing agent suitable for class A (wood, paper, plastic) fires, B (flammable liquids and gases) and C (electrical fires), designated multi-purpose due to its effectiveness across the most common fire types
- **BC Dry Chemical** is a potassium bicarbonate based extinguishing agent most effective on flammable liquid and flammable gas fires; also effective on electrical fires

Models

- **09300**—5 pound, 3A:40B:C UL-rated self-service ABC multipurpose portable fire extinguisher
- **09304**—5 pound 40B:C UL-rated self-service BC portable fire extinguisher

Dimensions and Sizes

See Table 1.



85995 Marine Bracket



81500 Wrench Kit

Accessories/Options

- **81500**—reloading wrench set (2 pieces)
- **81524**—fluffing wrench
- **85994**—ABC reloading kit, 5 pound
- **81568**—BC reloading kit, 5 pound
- **85995**—marine bracket, 5 pound

4. Technical Data

Applicable Standards

Underwriters International (UL)

- **ANSI/UL 299** Dry Chemical Fire Extinguishers
- **ANSI/UL 711** Rating and Fire Testing of Fire Extinguishers

Underwriters International Canada (ULC)

- **CAN/ULC S504** Dry Chemical Fire Extinguishers
- **CAN/ULC S508** Rating and Fire Testing of Fire Extinguishers

Approvals

US Coast Guard (USCG)

- **Marine U.S.C.G. Type A Size II, Type B:C Size I** (Valid only when installed in an approved marine bracket)

California Department Of Forestry & Fire Protection Office Of The State Fire Marshal Fire Engineering - Building Materials Listing Program

- **Listing# 8750-2228:0500** Dry Chemical Or Dry Powder Portable Fire Extinguisher 2018/2019 ([Link here](#))

5. Installation

Preparatory work

Verify location and mounting height complies with local fire codes. If installing in an extinguisher cabinet, ensure the cabinet has a minimum interior depth of 6 inches.

Installation Methods

- [Bracket installation instructions](#)
- [Product Owner's Manual](#)

6. Availability and Cost

Availability

Purchase from www.rusoh.com or from industrial/commercial supply distributors.

Cost

Please contact www.rusoh.com or distributor for pricing.

7. Warranty

Rusoh, Inc. warrants to the original owner of this Eliminator self-service fire extinguisher that should there be any defects in material and workmanship during the first eight (8) years after purchase, we will repair or replace the extinguisher at Rusoh's option. Warranty does not apply to normal wear and tear, misuse, abuse, accidents, theft, exposure to harsh chemicals, product modification, shipping damage or improper maintenance, handling or reloading. It also does not apply to components intended for a single use, such as the seal, CO₂ cartridge, and agent cartridge.

To obtain warranty services, call 800-318-2944. If instructed, please send product(s) to the Rusoh, Inc. Customer Service Department; shipping costs will be the owner's responsibility. Be sure to include name, address, phone number, date of purchase and a description of the issue(s).

Failure to follow the instructions will void this warranty.

8. Maintenance

The self-service design makes monthly and annual inspections fast and easy. For monthly inspections, follow these steps:

1. Confirm the fire extinguisher is where it should be.
2. Visually inspect the exterior of the extinguisher.
 - a. Check for dents, scratches, or physical damage. Discard and replace any damaged components. Review instructions on unit for legibility.
3. Squeeze the ribbed sides of the red CO₂ cartridge cover and lift it open. Verify that the CO₂ cartridge is installed and secure. If it is loose, perform an annual inspection, see second note for link to directions.

Note: The CO₂ cartridge has reverse threads, so it turns opposite of normal threaded components.

4. Ensure the agent cartridge is securely attached to the discharge head.
5. Confirm the manufacturer tamper seal on the lock is not broken
6. Check hose and valve nozzle to ensure that they are securely attached, undamaged, and unobstructed.

Table 1—Dimensions and Technical Information

	ABC Dry Chemical	BC Dry Chemical
	930001	930002
UL and ULC Rating	3A:40B:C	40B:C
Capacity	5 pounds (2.3kg)	5 pounds (2.3kg)
Agent	MAP*	PK**
Weight:	12.1 pounds (5.5kg)	12.5 pounds (5.7kg)
Height	16.75 inches (42.54cm)	16.75 inches (42.54cm)
Width	8.5 inches (21.59cm)	8.5 inches (21.59cm)
Depth	5.7 inches (14.47cm)	5.7 inches (14.47cm)
Discharge Range	12-18 feet (4-6m)	12-18 feet (4-6m)
Discharge Time	>13 secs	>13 secs
ANSI/UL-299 & 711	Yes	Yes
USCG Approval†	Type A – Size II Type BC – Size I	Type BC – Size I
Meets DOT Requirements	Yes	Yes
Warranty	8 years	8 years

* Monoammonium Phosphate
 ** Potassium Bicarbonate
 † Valid only when installed in an approved marine bracket

7. It is thus recommended to fluff the agent cartridge prior to placing into service and every 30 days by rotating the Rusoh wheel on the bottom of the unit a few times. Invert the unit prior to turning the wheel on the bottom.
8. Initial inspection tag and indicate date 30-day inspection was completed.

Note: Annual inspection directions on pages 7 and 8 of the **Owner's Manual**.

9. Technical Services

For technical support, contact support@rusoh.com or call 1-800-318-2944.

10. Filing Systems

- ConstructConnect
- Additional product information is available from the manufacturer upon request ↗