



GPFH.GuideInfo Dry-chemical Extinguishers, Wheeled, Marine

[View Listings](#)
[Page Bottom](#)

[Extinguishers and Extinguishing System Units, Marine] (Dry-chemical Extinguishers, Portable, Marine) Dry-chemical Extinguishers, Wheeled, Marine

See General Information for Dry-chemical Extinguishers, Portable, Marine

GENERAL

This category covers wheeled dry-chemical extinguishers, which are portable appliances of the stored pressure, cartridge or cylinder-operated type intended for operation over a temperature range of -40°F to 120°F unless otherwise indicated in the individual certifications. Stored-pressure-type extinguishers have dry air, nitrogen, or other expellant gases stored in a single chamber with the dry chemical. Cartridge or cylinder-operated type have carbon dioxide or nitrogen stored in an expellant-gas cartridge or cylinder in a chamber separated from the dry chemical.

Wheeled-type extinguishers are mounted on a carriage for portability and provided with a mounting bracket, a hose to direct the discharge, a shutoff nozzle at the end of the hose, and a bracket for mounting.

Dry-chemical extinguishing agents used in these extinguishers include sodium bicarbonate, ammonium phosphate or potassium bicarbonate-based compounds. The dry-chemical agent consists of a specially prepared mixture of finely divided chemicals treated with additives to allow the dry chemical to flow through the extinguisher.

Extinguishers with ammonium phosphate-based chemicals (with the exception of small sizes) are considered "multi-purpose type" and, therefore, classified for use on Class A, B and C fires. Extinguishers with dry chemicals other than ammonium phosphate are classified for use on Class B and C fires. They are not effective on deep-seated fires in ordinary combustible materials (Class A), but may have some value on incipient surface fires in such materials.

Fire-extinguishing classifications are developed at ambient temperatures of approximately 70°F. Extinguisher effectiveness may be reduced at lower temperatures.

These extinguishers are intended to be selected, installed, inspected, maintained and tested in accordance with the applicable requirements of ANSI/NFPA 10, "Portable Fire Extinguishers."

PRODUCT IDENTITY

The following product identity appears on the product:

Dry-chemical Fire Extinguisher

RELATED PRODUCTS

See Dry-chemical Extinguishers, Hand and Wheeled ([GBAR](#)).

ADDITIONAL INFORMATION

For additional information, see Extinguishers and Extinguishing System Units, Marine ([GOWZ](#)) and Marine Products ([AAMP](#)).

REQUIREMENTS

The basic standards used to investigate products in this category are [ANSI/UL 299](#), "Dry Chemical Fire Extinguishers," [ANSI/UL 711](#), "Rating and Fire Testing of Fire Extinguishers," and ANSI/NFPA 10, "Portable Fire Extinguishers."

UL MARK

The Certification Mark of UL on the product is the only method provided by UL to identify products manufactured under its Certification and Follow-Up Service. The [Certification Mark](#) for these products includes the UL symbol, the words "CERTIFIED," "SAFETY" and "MARINE," the geographic identifier(s), and a file number.

Additional Certification Markings

Products covered under this category are additionally marked with the following information:

Classification [classification letter(s) and number(s)]
USCG Type [marine type]
Size [marine size]
Approval No. 162.039/EX [file number]

Alternate UL Mark

The Marine Listing Mark of UL on the product is the only method provided by UL to identify products manufactured under its Listing and Follow-Up Service. The Marine Listing Mark for these products includes the UL symbol with the word "MARINE" above the UL symbol (as illustrated in the Introduction of this Directory), the word "LISTED," a control number, the product name "Dry Chemical Fire Extinguisher," and the statement "Classification [classification letter(s) and number(s)], USCG Type ____, Size ____, Approval No. 162.039/EX [file number]."

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