

FIRERASER® AGENT STORAGE CONTAINERS FOR ECARO-25® OR FM-200® CLEAN AGENT SYSTEMS



FM-200 is also known by its ASHRAE designation HFC-227ea

DESCRIPTION

Fike's Fireraser clean agent storage containers store the extinguishing agent (either HFC-125 or HFC-227ea) until a fire develops and the agent is released. Containers are available in sizes of: 5, 10, 20, and 35 pounds (volumes of 2, 4, 8, and 15 liters). The agent is retained in the container by a pressure-differential valve which is manually operated by pulling the pin on the strike knob and pushing down on the strike knob. It can also be operated by using either the automatic actuation package (P/N 70-209 for HFC-125 or 70-208 for FM-200), or the manual remote actuation package (P/N 70-203).

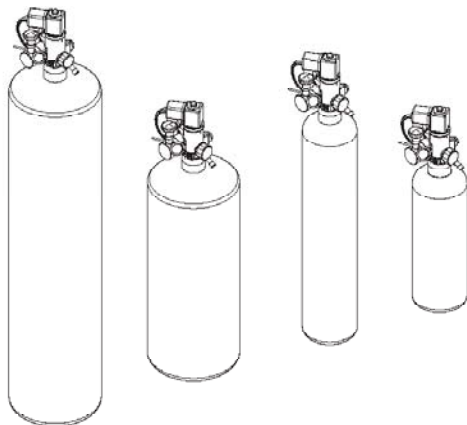
Fike Fireraser containers have passed extensive testing by Underwriter's Laboratory and Factory Mutual. The containers are filled in 1 lb. (0.5 kg) increments to avoid using more clean agent than necessary. Each container is pressurized with dry nitrogen to a working pressure of 360 psig at 70°F (24.8 bar at 21°C) after filling with clean agent. This provides a quick, effective discharge in 10 seconds or less.

Each Fireraser container is supplied with a pressure gauge that permits a quick, visual inspection of container pressure. An optional pressure gauge with a built-in low-pressure supervisory switch is also available for continuous, automatic monitoring of container pressure when used in conjunction with a control panel. In the event of a decrease in container pressure from 360 psig to 288 psig (24.8 bar to 18.8 bar), the low pressure switch will cause a supervisory trouble alarm at the system control panel.

Fireraser containers are suitable for use at storage temperatures of +32°F to +120°F (0°C to 48.9°C) with HFC-125 and +32°F to +130°F (0°C to 54.4°C) with FM-200. Each container is shipped from the factory fitted with an anti-recoil device installed on the discharge valve outlet in accordance with USDOT requirements. The anti-recoil device ensures the contents of the pressurized container will be released in a slow, controlled rate of discharge if the valve is opened during the shipping and handling process.



Fireraser Storage Container



Form No. M.1.03.01-2

RELIABILITY

Fike Fireraser containers are manufactured in strict accordance with Department of Transportation regulations and have passed testing by UL and FM. Before leaving the factory, each container must pass extensive leak testing and pressure testing. The containers are constructed from carbon steel alloys and painted with a durable, baked enamel finish.

INSTALLATION

Containers can be mounted in either the horizontal or upright (valve up) positions, depending upon the user's particular needs. Mounting brackets are supplied with each container, and each must be anchored to an appropriate load-bearing structure.

Note: All horizontally mounted containers must be mounted with the actuation port face up.

CONTAINER DATA - ENGLISH

Container Size (L)	Container P/N	HFC-125 Fill Range (lbs)	FM-200 Fill Range (lbs)	Mounting Position	Approximate Tare Weight (lbs)
5	70-196	2-4	3-5	Upright - Horizontal	10.2
10	70-197	5-8	6-10	Upright - Horizontal	14.3
20	70-198	9-16	11-20	Upright - Horizontal	29.1
35	70-199	17-30	21-35	Upright - Horizontal	44.2

CONTAINER DATA - METRIC

Container Size (L)	Container P/N	HFC-125 Fill Range (kg)	FM-200 Fill Range (kg)	Mounting Position	Approximate Tare Weight (kg)
2	70-224	1.0-1.5	1.5-2.0	Upright - Horizontal	4.2
5	70-225	2.0-4.0	2.5-5.5	Upright - Horizontal	10.0
8	70-226	4.0-8.01	6.0-10.0	Upright - Horizontal	14.0
15	70-227	6.5-14.0	10.5-16.5	Upright - Horizontal	26.8

