

FIKE CONTAINER ACCESSORIES FOR FM-200® CLEAN AGENT SYSTEM

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

DESCRIPTION

Reload Kit for FM-200 Clean Agent System

85-023 - 1" (25mm) Valve and 85-024 - 2 1/2" (65mm) Valve

The Series 85 Reload Kits are designed to facilitate field reconditioning of the complete line of Fike Clean Agent Containers. The 1" (25mm) Reload Kit will service the 10, 20, 35, 60 and 100 lb. (4, 8, 15, 27, 44 liter) Fike Containers. The 2 1/2" (65mm) kit will service the Fike 125i and 215i lb. (51 & 90 liter) Containers. Generally, each kit consists of a rupture disc, a gas cartridge actuator and actuator housing, pressure gauge, replacement core for the fill valve, O-ring, and a teflon ring.



Reload Kit (1" and 2 1/2")

Fike Reload Kit for FM-200 Clean Agent System

85-025 - 3" (80mm) Valve

The 3" (80mm) Reload Kit provides field reconditioning of the 215, 375, 650, and 1000 lb. (87, 153, 267, 423 liter) Containers. Each kit consists of a 3" (80mm) rupture disc valve assembly, gas cartridge actuator, "O"-rings, pressure gauge and replacement core for the fill valve.



Reload Kit (3")

Low Pressure Switch

70-1121 - All Containers Over 10 lb. (4 liters)

70-1650 - 10 lb. Container Only

These devices monitor the pressure within the Clean Agent Container. Should loss of Agent or Nitrogen occur, the Pressure Switch's normal contacts will transfer indicating a low pressure condition.



Pressure Switch

SPECIFICATIONS

- Temperature Limits: 32° to 120° F (0-48.9°C)
- Enclosure Classification: NEMA 4
- Contact Rating: Single pole, double throw; 5 amps resistive, 3 amps inductive @ 30VDC
- Body Material: Aluminum with irridite finish
- Weight: 6.5 ounces
- Pressure Connection: 1/8" NPT (6mm)
- Electrical Connection: 1/2" NPT (15mm)
- Pressure Setting: 288 psig (20 bar)(decreasing)

APPROVALS

- UL Listed - Ex4623
- FM Approved - 0Y4A8.AF

Form No. C.1.03.01-3

Check Valve

02-2980 - 1" Check Valve (25 mm)

02-4158 - 2" Check Valve (40 mm)

02-4157 - 3" Check Valve (80 mm)

The Fike Check Valve prevents agent loss from the open end of a manifold and/or piping system in the event that one or more containers are removed for servicing and the system is discharged. This applies to all manifold configurations including Main/Reserve Systems.

Constructed of carbon steel, the Check Valve has a working pressure of 720 psig (4965 kPa) and has 1", 2" or 3" (25, 50 or 80 mm) female NPT threads.

Equivalent Length Values:

1" (25 mm) - 2 ft./0.61 m

2" (50 mm) - 4 ft./1.22 m

3" (80 mm) - 4 ft./1.22 m

DESCRIPTION (CONTINUED)

Victaulic Nipple and Coupling

02-1388 - 2 1/2" (65mm) Victaulic Nipple

02-1376 - 2 1/2" (65mm) Victaulic Coupling

02-2106 - 3" (80mm) Victaulic Nipple

02-1987 - 3" (80mm) Victaulic Coupling

The purpose of the 2 1/2" (65 mm) and 3" (80 mm) victaulic nipple and coupling is to connect the 2" (55 mm) or 3" (80 mm) check valve(s) and/or system piping to the 2 1/2" (65 mm) or 3" (80 mm) container valve. The coupling is rated at 1000 psi (6895 kPa) working pressure and contains a Buna "N" gasket. The nipple is Sch. 40 pipe, has 2 1/2" (65 mm) or 3" (80 mm) NPT male thread at one end and a 2 1/2" (65 mm) or 3" (80 mm) Victaulic groove on the opposite end.



Check Valve



Victaulic Nipple and Coupling



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Form No. C.1.03.01-3 August, 2008 Specifications are subject to change without notice.