

## CO<sub>2</sub> STOP/MAINTENANCE VALVES

### DESCRIPTION

Fike stop/maintenance valves are available in sizes ranging from 1/2" (15 mm) to 1 1/2" (40 mm). Stop valves are used for lock-out purposes to prevent the discharge of CO<sub>2</sub> from the nozzles during system maintenance. The valves are equipped with lockable handles that can be locked in either the open or closed position for added security. Lock and key are not included.

The valve is equipped with two direct-drive micro switches which can be tied into the system control panel for the purpose of providing a trouble indication when the valve is closed. A visual indicator is also included to provide a visual reference as to the position of the valve.

The ball valve is a high pressure valve with a stainless steel body and ball, lubetal seats and a Buna-N body seal. The valves are equipped with female NPT connections on each end for piping connections.

The two micro switches are UL listed and hazardous rated for Class I, Group C, D and Class II, Group E, F and G installations. Both micro switches are direct driven and can annunciate a trouble condition to the control panel when the valve is closed. The micro switches are rated for 5 amps @ 24 Vdc.



### INSTALLATION

Fike stop/maintenance valves are provided with female NPT connections on each end for installation onto threaded piping in accordance with NFPA 12. The valve can be installed in either the horizontal or vertical position, with horizontal being the preferred position.

### APPROVALS

- FM - 0D8A9.AF
- ULC - CEx 1312
- USCG - 162.038/12/0

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## SPECIFICATIONS

The stop/maintenance valve provided shall be a high pressure ball valve with a lockable handle, two micro switches and position indicator. The ball valve, locking handle and associated hardware shall be made of stainless steel materials. The valve seat shall be made of lubetal or equal, to withstand pressures of up to 5,000 psig. (**Note:** pressure rating varies with size)

The micro switches shall be an integral part of the stop valve assembly, constructed of stainless steel and anodized aluminum materials. The micro switches shall be UL listed and hazardous rated for Class I, Group C, D and Class II, Group E, F, G installations.

A visual indicator shall be included as part of the overall assembly, to visually indicate the position of the valve.

Part Number:	C02-1210 1/2" Stop Valve Assembly C02-1211 3/4" Stop Valve Assembly C02-1212 1" Stop Valve Assembly C02-1213 1 1/2" Stop Valve Assembly
Materials:	Body - 316 SST Ball - 316 SST Locking Kit - 300 SST Micro Switch Housing - Anodized Aluminum, NEMA 4, 4X
Switch Rating:	5 amps @ 24 Vdc
Pressure Rating:	5,000 psi - 1/2" and 3/4" 4,000 psi - 1" 4,000 psi - 1 1/2"

