

CO₂ VALVE ASSEMBLY

DESCRIPTION

Fike Carbon Dioxide cylinders are equipped with a cylinder valve assembly to hold the CO₂ agent in the cylinder until actuated.

The cylinder valve assembly is a forged brass body. The actuation pressure required to open the pneumatic valve is 100 to 110 psi (689 to 758 kPa). All valves are equipped with a safety relief disc that will rupture if the cylinder pressure exceeds 2750 psi (18,960 kPa) and a pilot port that is utilized for two purposes:

- Recharging the CO₂ cylinder
- Installation of solenoid

The Valve can be installed as a master valve by removing two plugs and installing either the 12 Vdc or 24 Vdc actuation kit. For Marine applications, the slave configuration is converted to a master valve by installing the local lever actuator assembly. (Refer to Master valve sketches for details).



SPECIFICATIONS

Part Number: C85-010
 Valve Materials: Brass
 Operating Pressure: 100 to 110 psi (689 to 758 kPa)

APPROVALS

- UL - Ex 4447
- FM - 0D8A9.AF
- ULC - CEEx 1312
- USCG - 162.038/12/0
- CE
- LPCB

Form No. E.1.02.01-1

(This page is left blank intentionally)

