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 Listed - Ex 4447
- ULC Listed - CEx 1312
- FM Approved - 0D8A9.AF
- USCG - 162.038/12/0
- CE
- LPCB