

General

The Cylinder Valve Assembly (CV SERIES) is used to store FK-5-1-12. The purpose of CV series is used to discharge pressurized chemical fire suppression material to protect Class A, B & C fire hazards.

Application

The CV Series is a pressure differential valve capable of rapid discharge times in accordance with ISO and NFPA 2001 standards. The Cylinder Valve Assemblies are designed to hold clean agent that is super pressurized with nitrogen at a normal operating pressure of 360 PSI (24.8 Bar) or 500 PSI (34.5Bar) at 70°F (21.1°C).

Features

- Pressure Gauge
- Release Valve
- Component materials: Steel, Brass, Synthetic Rubber
- Operating Temp Range: 0° -130°F (-17.8° – 54.4° C)
- Available Cylinder Capacities: 40 lb. 76 lb. 164 lb. 322 lb. 601lb. & 910 lb.
- Safety Device Burst Pressure: 864 - 950 PSI (59.5 – 65.5 Bar)

Optional Components

Liquid Level Indicator, Pneumatic Actuator, Manual Actuator, Operational Pressure Switch, Low Pressure Switch

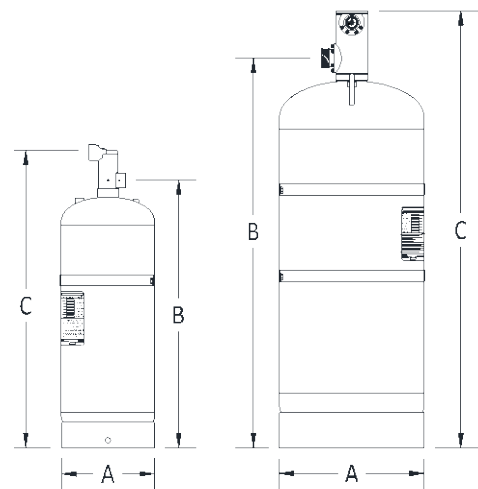
Standards/Listings/Approvals

- DOT 4BW500, DOT 4BA500 Welded type
- UL Listed
- ULC Listed
- FM Approved
- Other approvals may be available upon request

Installation

When properly installed the Cylinder Valve Assemblies are connected to a pipe network to deliver clean agent fire suppression material to a Class A, B, or C designated hazard area. Installation and maintenance are in accordance with SEVO Systems manuals, as well as applicable ISO and NFPA standards.

Cylinder Sizes	Allowable Fill	Part Number	A	B	C
40 Lb. 15 L	16-40 Lb. (7-18 Kg.)	CV140069	10 1/16" (255.59mm)	17 1/4" (438.15mm)	21 3/8" (543mm)
76 Lb. 29 L	31-76 Lb. (14 -34.5 Kg.)	CV140079	10 1/16" (255.59mm)	28 1/2" (723.90mm)	32 3/4" (831.90mm)
164 Lb. 62 L	66-164 Lb. (30-74.5 Kg.)	CV14817	21 7/8" (327mm)	37 1/2" (842mm)	42 1/4" (1073.20mm)
322 Lb. 122 L	129-322 Lb. (5805-146 Kg.)	CV140057	20" (508mm)	33 1/2" (850mm)	39 3/4" (1009mm)
601 Lb. 277 L	241-601 Lb. (109-272.5 Kg.)	CV14813	20 (508mm)	54 1/4" (1378mm)	61" (1457.33mm)
910 Lb. 368 L	390-910 Lb. (177-413 Kg.)	CV140107	24 1/2" (622.30mm)	60 7/8" (1546.20mm)	67 3/4" (1720.90mm)



FOR USE BY ARCHITECTS AND ENGINEERS