

Component Descriptions

Cylinder/Bracket Assemblies



CE

AutoFireX® Automatic Fire Suppression systems utilise a selection of UL/CE marked Cylinders in assorted sizes and shapes. The cylinders are designed, manufactured and tested to various standards and are also suitable for harsh environments.

Key Features

- High Grade Aluminium Seamless Cylinder
- 100% Non-Destructive Tested at 35 Bar
- Bursting pressure at min 50 Bar
- High Grade Aluminium Threaded Neck ring
- Shiny shot Blasted Red RAL 3000
- Internally lined with PU/Powder coating
- Medium and Heavy-Duty Brackets available
- MS/Stainless Steel Cylinders also available

TYPICAL CONSTRUCTION FEATURES:

MATERIAL BODY	MILD STEEL
MATERIAL NECK	Stainless Steel
STANDARD TENSILE TEST	Approx. 289 (Body) (MPa)
YIELD STRENGTH	Approx. 182 (Body)
STANDARD REQUIREMENTS	CE EN3-8 PED-97/23/EC
CYLINDERS MARKED	CE, SERIAL NO.

ASSEMBLY DIMENSIONS:

PRODUCT CODE/CAP	TOTAL HEIGHT "A"(mm)	DIAMETER "B"(mm)
4000101A/1 KG	326mm	90mm
4000102A/2 KG	358mm	110mm
4000104A/4 KG	360mm	150mm
4000106A/6 KG	622mm	180mm

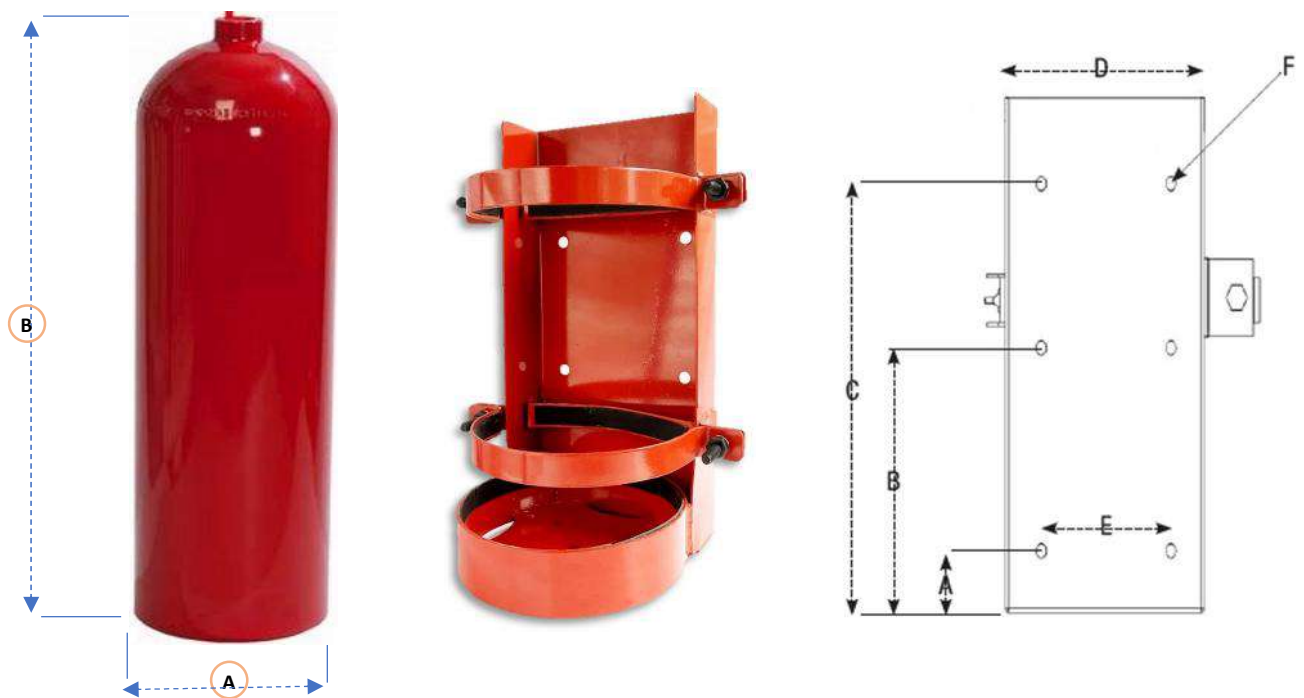


CYLINDER & BRACKETS:

The extinguishing agent is stored in Aluminium Seamless cylinders pressurized with dry nitrogen. Table 3.1 summarizes the dimensions of each model. Each cylinder is equipped with a straight vertical mounted siphon tube.

Product Code	Capacity Kg	Outside Diameter- A Cm.	Height- B Cm.	Volume Cm ³
100100	1 kg	8.8	29.3	1.440
100101	2 kg	11	31.75	2.200
100103	4 kg	15.24	35.56	4.620
100105	6 kg	15.24	49.022	7.120

Table 3.1: Cylinder Assemblies



BRACKET DIMENSIONS AND BOLT PATTERN

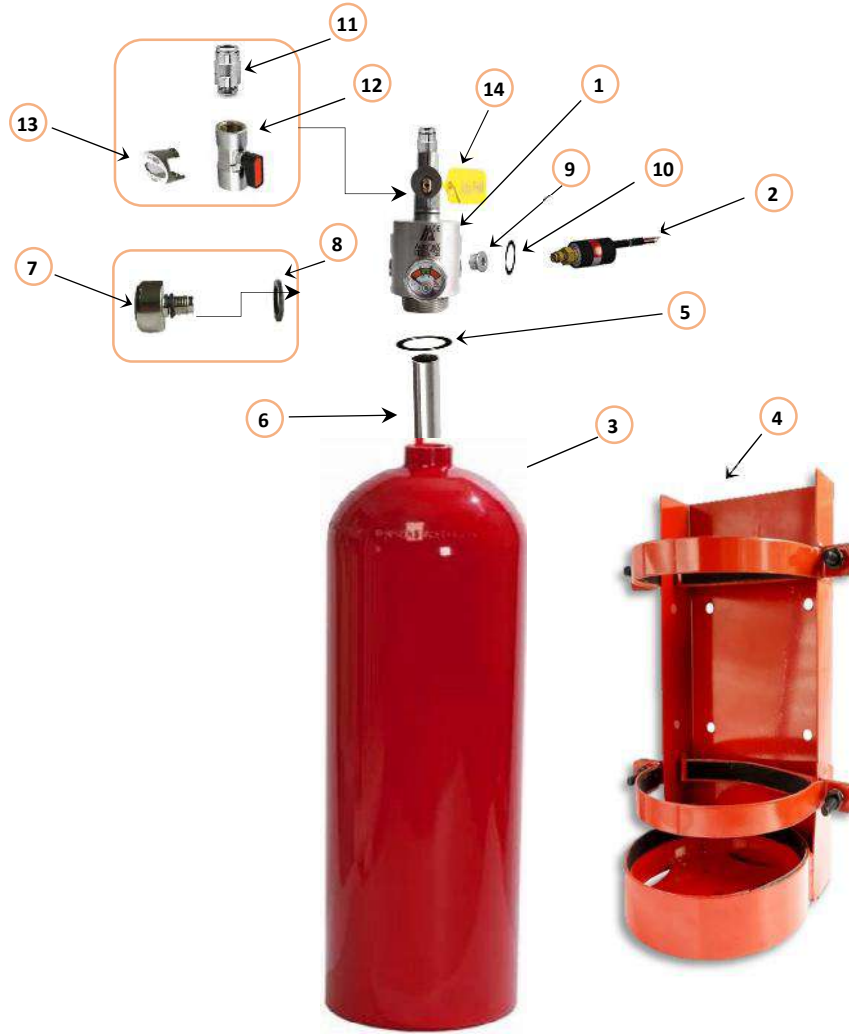
The AutoFireX® Brackets are supplied along with the system as well as spares and are different for different size and capacity of the cylinder. The brackets are designed to be used for static installations as well as mobile installations. These are user friendly and easy to handle and come with an adjustable standard cylinder clamp.

Product Code	Capacity Kg	A cm	B cm	C cm	D cm	E cm	F cm
100114	1 kg	11.3	-	25.9	75	-	0.9
100115	2 kg	8.3	-	22.7	75	-	0.9
100116	4 kg	6.5	17.6	28.7	84	44	0.7
100117	6 kg	6.5	17.6	28.7	84	44	0.7

Key Features

- ✓ High Grade Mild Steel
- ✓ Powder Coated
- ✓ Anti-Corrosion Treated
- ✓ Anti-Vibration Rubber Pads
- ✓ Adjustable Cylinder Clamps Included

AutoFireX® DLP SYSTEM COMPONENTS & PART LIST:



S. No.	Part Number	Description
1	100155	SS DLP Valve
2	200119	Monitoring Pressure Switch
3	100100-103	Aluminium Cylinder/Container
4	100114-118	Cylinder Bracket
5	100159	Neck O Ring
6	100157	SS Siphon/ Dip Tube
7	100127	Pressure Gauge
8	200123	O ring for Pressure Gauge
9	100166	Port Plug
10	100173	O ring for Pressure Switch
11	200101	Dual Seal Threaded Slip on (tube) G 1/8"
12	100178	Next Gen Isolation Ball Valve
13	100174	SS Safety Lock
14	100152	Anti-Tamper Seal