

# TECHNICAL DATASHEET

## 3002/01 Ext 5.0kg CO<sub>2</sub> Chubb

### Features

The Chubb 5.0kg Carbon Dioxide extinguisher features:

- Australian Standard certified to AS1841.6
- Mild steel polyester powder coated handle and trigger
- Aluminium powder coated cylinder
- Rated for use on Class B and Class E fires.
- Transport style pull out pin
- Forged brass valve
- Zinc plated steel wall bracket.

Suitable for use on:

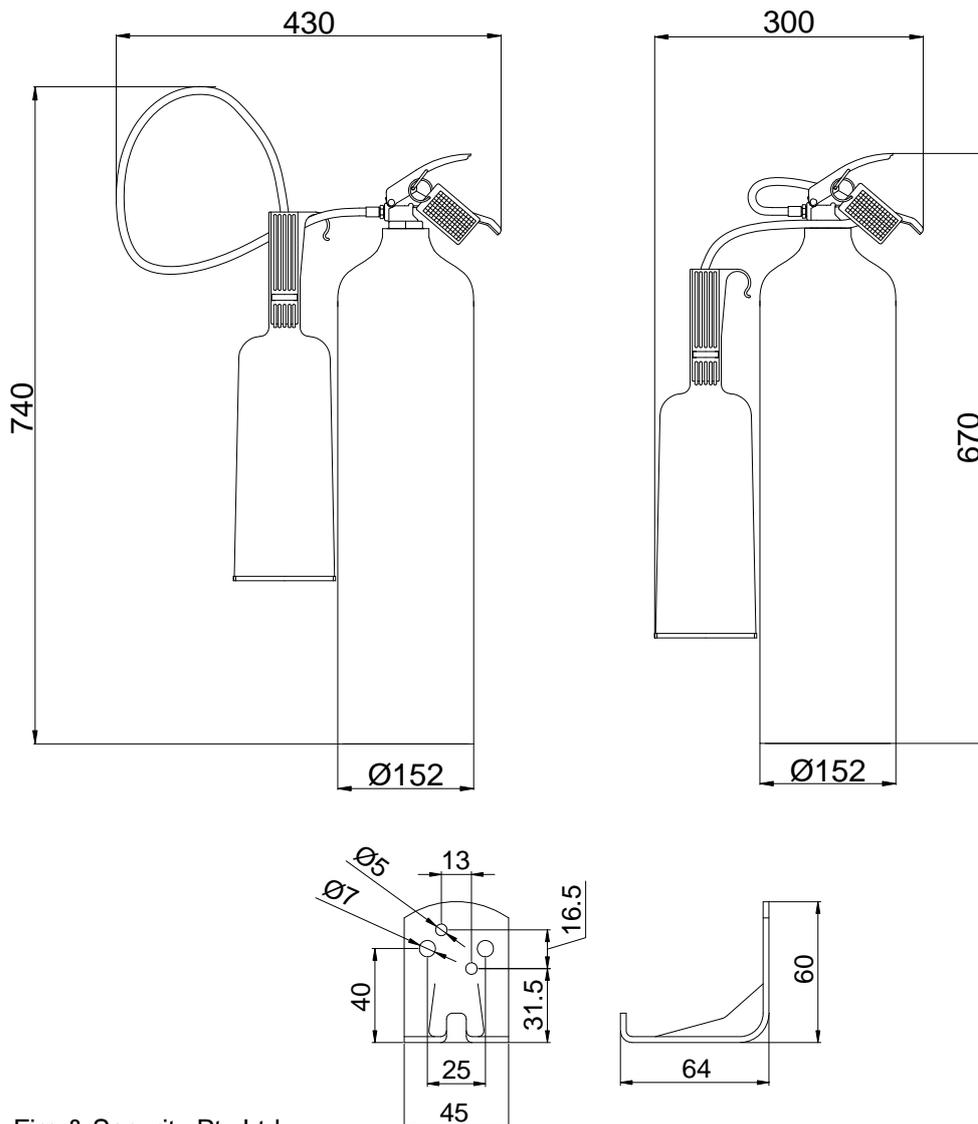
- Electrical switchboards
- Commercial buildings
- Manufacturing plants
- Laboratories

### Specifications

<b>Model Number:</b>	3002/01
<b>Type:</b>	Carbon Dioxide
<b>Capacity:</b>	5.0kg (Tol: +0%,-2.5%)
<b>Contents:</b>	Carbon Dioxide
<b>Rating:</b>	10B:E
<b>Test Pressure:</b>	22 MPa
<b>Operating Pressure:</b>	~5.6MPa @21°C
<b>Nominal Mass:</b>	11.94kg
<b>Discharge Time:</b>	12 – 16 s
<b>Diffuser Orifice:</b>	2 x 3.0mm
<b>Service Temperature:</b>	-5°C to 50°C

#### **NOTE:**

Nominal mass and discharge times listed are approximate. Slight variations may occur.



## Service Requirements

Service in accordance with Australian Standard AS1851.

### **Additional AS1851 Service Requirements:**

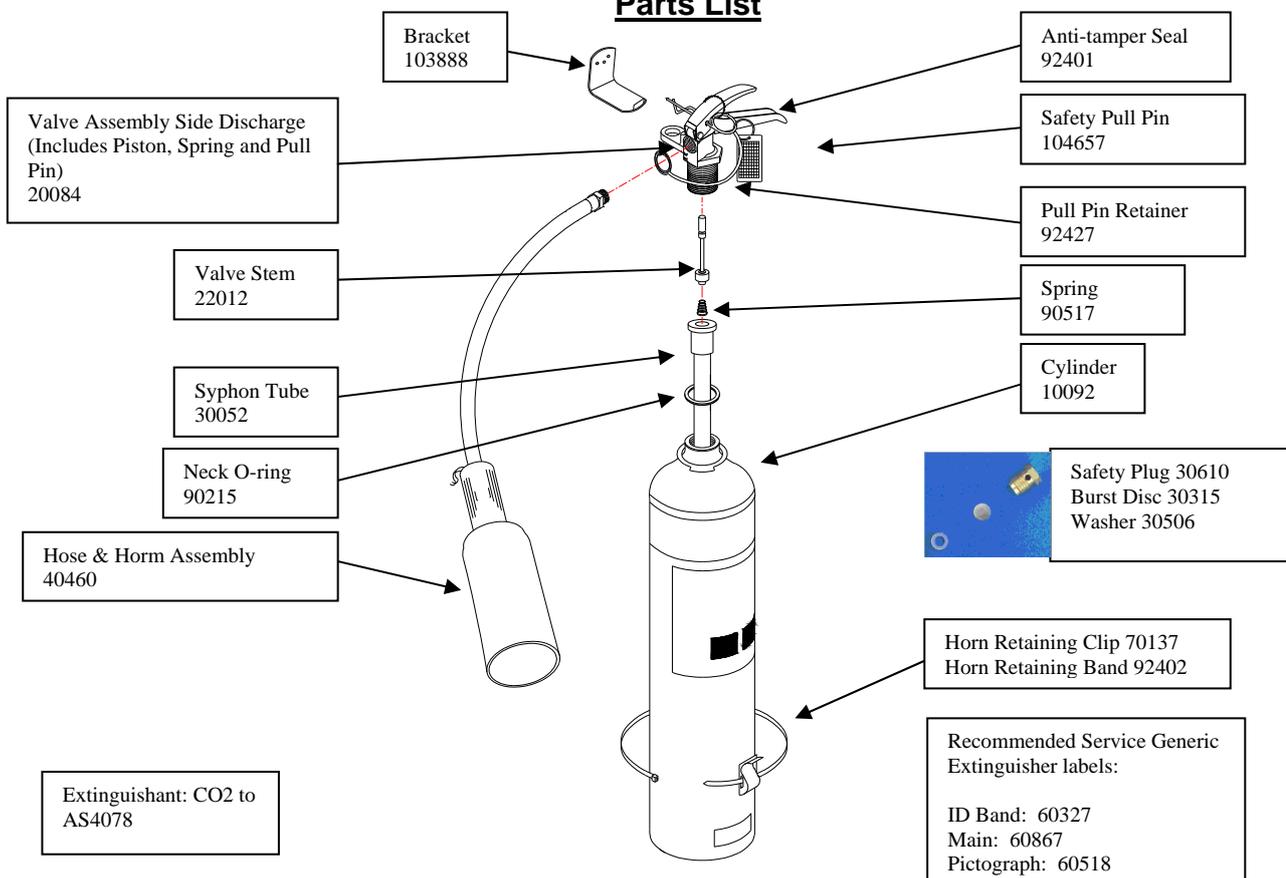
- Replace Carbon Dioxide every five (5) years
- The recommended location for stamping the cylinder pressure test date is on the neck of the cylinder, consisting of figures not less than 3mm in height and shall as a minimum be of the form MM/YY, or MM/YYYYY.

## Recharge Instructions

### **CAUTION:- Ensure extinguisher is fully depressurised prior to removal of the operating head.**

1. Discharge extinguisher and expel all remaining pressure.
2. When all pressure is expelled, fully unscrew the operating head and remove from the cylinder.
3. Unscrew syphon tube and remove spring and valve stem assembly.
4. Thoroughly clean the head and all associated components.
5. Replace all Neck 'O' ring seals and Valve Stem assembly.
6. Inspect all other 'O' Rings and seals, replace as required.
7. Lubricate the Neck 'O' ring and the top 'O' ring on Valve Stem Assembly with Molykote 55M or Molykote 111.
8. Check Horn and Hose Assembly and ensure it is unblocked and free from damage. Ensure Diffuser is not loose. If Diffuser is loose, apply Loctite 577 or equivalent and tighten with screw driver.
9. Inspect cylinder as per AS1851 and AS2030.5 requirements. Check cylinder date stamp and pressure test cylinder (as per AS2337.1) if 5 years and older. Ensure cylinder interior is clean and free of corrosion and foreign objects. Check and clean the cylinder neck thread.
10. Refit the operating head assembly and hand tighten.
11. Recharge the extinguisher with Carbon Dioxide gas to the correct mass as specified on the extinguisher label (filling tolerance: +0% -2.5%).
12. Replace safety pin and fit anti-tamper seal. Make sure you do not accidentally discharge the contents.
13. Leak test all joints and seals disturbed during the service with a leak detector or submerge in a warm water bath or with the use of a leak detection solution such as "Snoop".
14. Ensure all maintenance records and documentation is completed.

### **Parts List**



Note: Not all parts shown may be available stocked items.

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1/11/2013