

# TECHNICAL DATASHEET

## 2040/01M Ext 1.0kg ABE Chubb

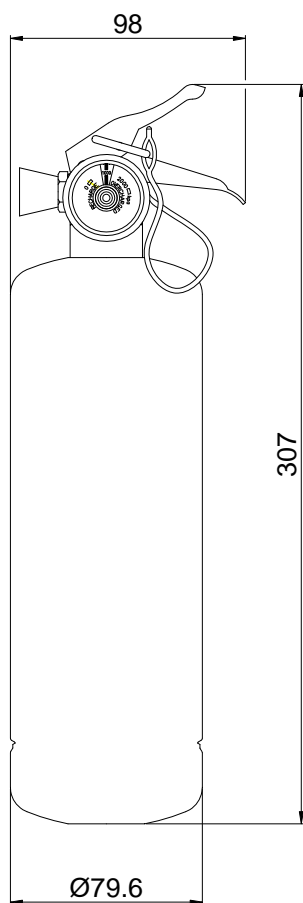
### Features

The Chubb 1.0kg ABE dry chemical extinguisher features:

- Australian Standard certified to AS1841.5
- Mild steel polyester powder coated handle and trigger
- Mild steel polyester powder coated cylinder
- ABE (mono-ammonium phosphate) dry chemical powder.
- Rated for use on Class A, Class B and Class E fires.
- Ready for use pressure indicator
- Forged brass valve
- Light duty metal bracket for use in light vehicles including vans, utilities and 4-wheel drives

Suitable for use on:

- Electrical switchboards
- Vehicles
- Boats and Caravans
- Garages

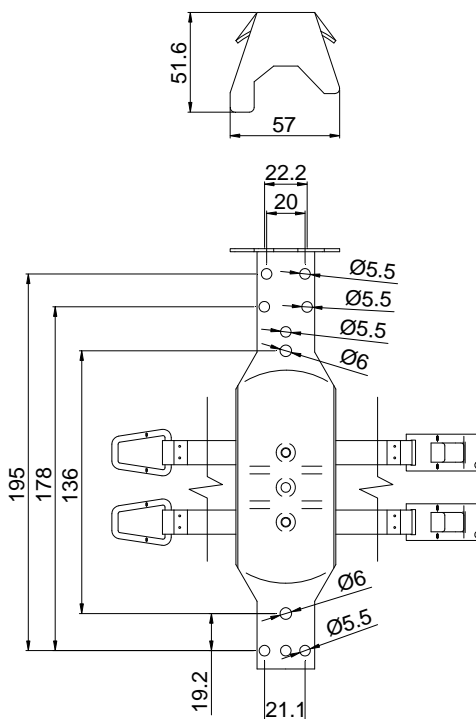


### Specifications

<b>Model Number:</b>	2040/01M
<b>Type:</b>	DCP (Stored pressure)
<b>Capacity:</b>	1.0kg (Tol: ±5%)
<b>Contents:</b>	ABE40 Powder
<b>Rating:</b>	1A:10B:E
<b>Test Pressure:</b>	2 MPa
<b>Operating Pressure:</b>	1000 kPa
<b>Nominal Mass:</b>	1.7kg
<b>Discharge Time:</b>	8 – 11 s
<b>Nozzle Orifice:</b>	3.5mm
<b>Service Temperature:</b>	-5°C to 65°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:

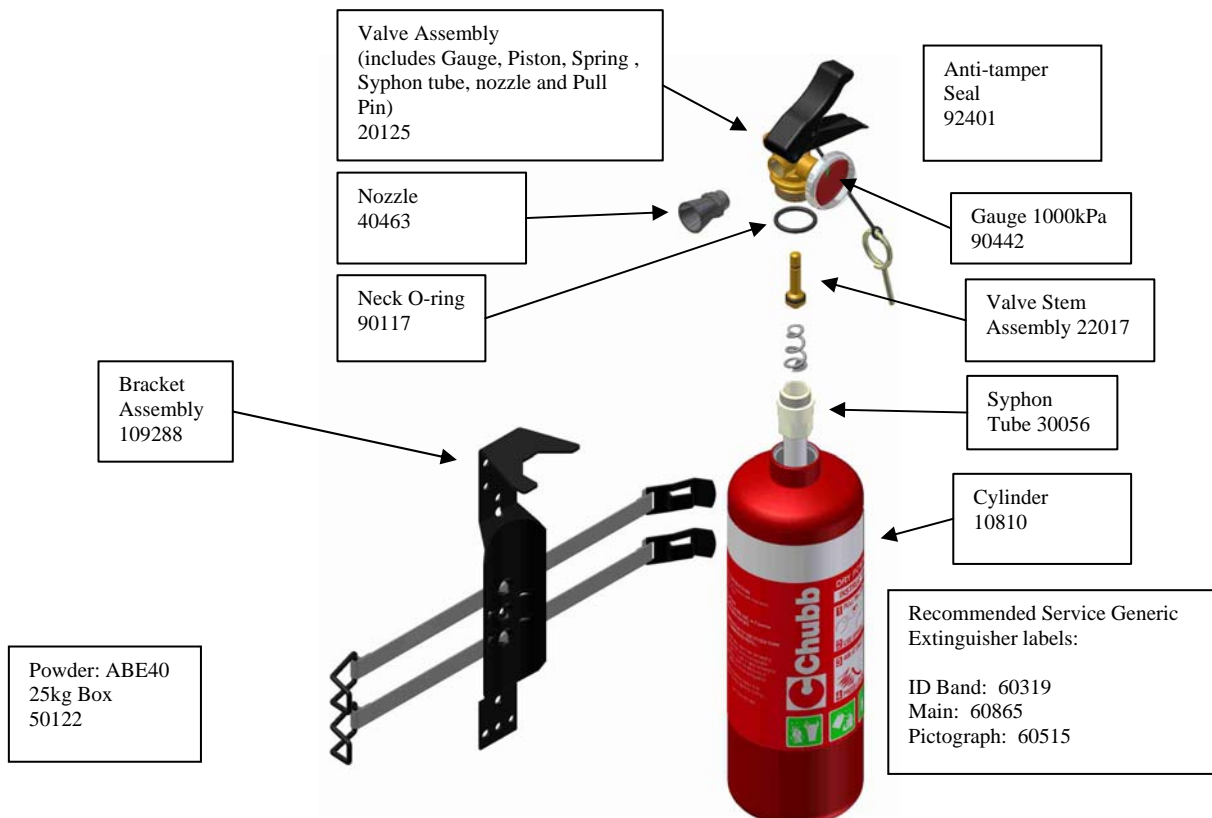
- Replace Dry Chemical Powder every five (5) years
- The recommended location for stamping the cylinder pressure test date is on the neck ring of the cylinder, consisting of figures not less than 3mm in height and shall as a minimum be of the form MM/YY, or MM/YYYY.

## Recharge Instructions

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

- 1) Expel all remaining pressure in the extinguisher by:
  - a) Discharging contents or
  - b) Unscrew operating head 2 turns only and allow pressure to vent to atmosphere.
- 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 ensuring that all traces of powder are removed.
- 5) Clean the nozzle and ensure it is unblocked and free from damage.
- 6) Inspect all o-rings and seals, replace as required.
- 7) Lubricate the Neck o-ring and the top of the Valve Stem Assembly with Molykote 55M or Molykote 111.
- 8) Empty out all remaining powder from the cylinder and blow out the cylinder with dry compressed air or nitrogen.
- 9) Inspect cylinder externally and internally for damage and corrosion as per AS1851 requirements. Check cylinder date stamp and pressure test cylinder if 5 years and older. Check and clean the cylinder neck thread.
- 10) Fill the cylinder with the correct powder as specified on the extinguisher label.
- 11) Refit the operating head assembly and hand tighten.
- 12) Recharge the extinguisher with dry Nitrogen to the correct pressure as specified on the extinguisher label. Check that the extinguisher pressure indicator is in the operable range
- 13) Replace safety pin and fit anti-tamper seal. Make sure you do not accidentally discharge the contents.
- 14) 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".
- 15) Ensure all maintenance records and documentation is completed.

## Parts List



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