

TECHNICAL DATASHEET

AF5000EF3 Mobile 50ltr F3 Foam Chubb

Features

The Chubb 50 Litre Fluorine Free Foam Mobile Fire Extinguisher features:

- Manufactured to meet the requirements of Australian Standard AS4265
- Stainless steel polyester powder coated cylinder
- Chrome plated brass valve
- Mild steel polyester powder coated trolley
- Steel hub wheels with roller bearings and gel-filled puncture-free tyres
- Plated fittings
- Flexible syphon tube. Unit can be used at any angle
- Fluorine Free foam. Does not contain PFOS or PFOA compounds

Suitable for use in:

- Fuel storage areas for both hydrocarbon fuels and polar solvents.
- Process areas
- Warehouse
- Road/rail loading racks
- Power stations
- As a wetting agent in combating Class A fires.

Specifications

Model Number:	AF5000EF3
Type:	Foam Mobile– Stored Pressure
Capacity:	50.0ltr (Tol: ±2.5%)
Contents:	Solberg RF 3/6 ATC
Rating:	20B
Test Pressure:	3.6 MPa
Operating Pressure:	1350 kPa
Nominal Mass:	101 kg
Discharge Time:	90 seconds
Discharge Distance:	>6m for a minimum of 30 seconds
Hose Length:	10m
Nozzle Orifice:	Self Aspirating
Service Temperature:	+5°C to +55°C
Overall Dimensions:	700W x 670D x 1200H mm

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:

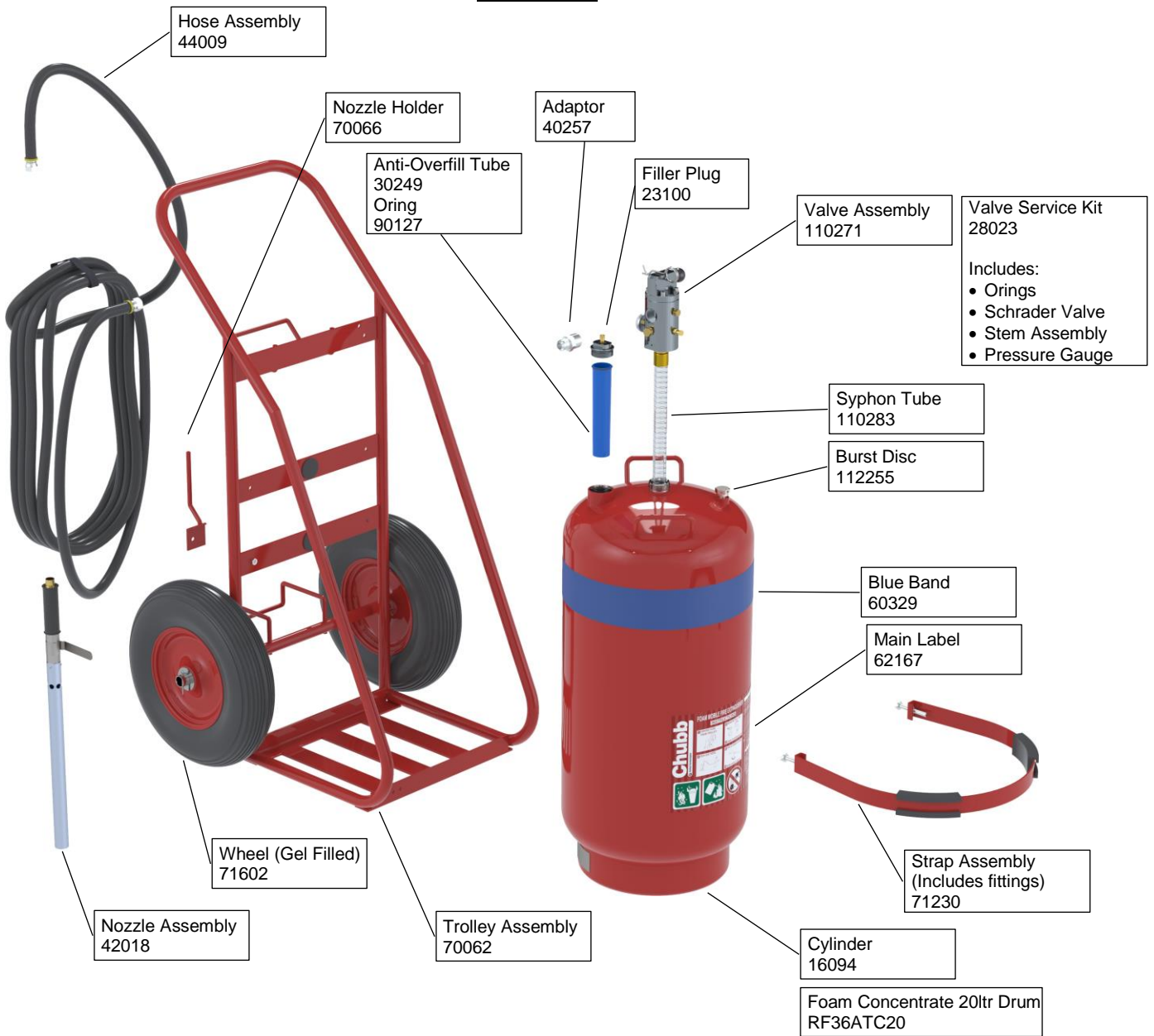
- Replace foam solution contents every one (1) year
- When installed in an aggressive environment it is recommended to carry out the 5 yearly service every three years
- Pressure test the hose assembly to 2MPa every 5 years or when cylinder is pressure tested.
- The recommended location for stamping the cylinder pressure test date is on the skirt 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.
- Corrosion inhibitor and additive **shall not** be used. The use of these additives may impact performance.

Recharge Instructions

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

- 1) Ensure that the cylinder valve is closed and the discharge gun is open. Remove the hose assembly from the cylinder.
- 2) Slowly unscrew filler plug two turns and allow all pressure to exhaust. When all pressure is expelled, remove filler plug.
- 3) Slowly unscrew cylinder valve assembly including diptube, and remove from cylinder.
- 4) Thoroughly clean all valve assembly components, check on condition of seals and seats and replace if necessary. Clean inside valve body and diptube ensuring that the tube is not blocked.
- 5) Empty all contents from cylinder. With running water flush cylinder and then empty.
- 6) Inspect cylinder as per AS1851 and AS2030.1 requirements. Check cylinder date stamp and pressure test cylinder if 5 years and older. Ensure cylinder interior is clean and free of corrosion and foreign objects.
- 7) Clean cylinder valve entry thread, filler plug entry thread, and sealing face.
- 8) Filling Method A:
 - a) Thoroughly pre-mix 3.0 litres of foam concentrate into 47.0 litres of clean potable water. This can be done in stages in a 9 ltr bucket. (Please note that the use of water with chloride ion content greater than 150ppm may result in accelerated cylinder corrosion).
 - b) Add pre-mix solution into cylinder.
- 9) Filling Method B:
 - a) Add 47.0 litres of clean potable water into the cylinder. (Please note that the use of water with chloride ion content greater than 150ppm may result in accelerated cylinder corrosion).
 - b) Add 3.0 litres of foam concentrate into the cylinder.
 - c) Mix solution in the cylinder using PEFS F3 Mixing Tool (Part Number 137313) with a drill for at least 3 minutes.
- 10) Re-fit valve assembly and filler plug.
- 11) Re-fit safety pin and fit new anti-tamper seal.
- 12) Recharge the extinguisher through filler plug Schrader valve with dry nitrogen until the pressure manifold gauge indicates the correct pressure (1350 kPa). Check that the extinguisher pressure indicator is in the operable range.
- 13) Leak test all joints and seals disturbed during the service with a leak detector or with the use of a leak detection solution such as "Snoop".
- 14) Inspect labels for condition and replace if necessary. Record new gross weight on label.
- 15) Check hose and discharge gun for damage and blockage. Blow out with dry air or nitrogen and thoroughly clean. Check cylinder date stamp and pressure test the hose assembly to 2MPa every five years in line with the cylinder pressure test requirements.
- 16) Refit hose assembly to valve. Coil hose neatly on trolley and secure with Velcro tie. Ensure there are no kinks in the hose.
- 17) Inspect trolley for cleanliness, damage and corrosion. Check that wheels are in good condition and rotate freely.
- 18) Ensure all maintenance records and documentation is completed.

Parts List



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