

JACTONE PRODUCTS LTD

Springvale Business Park, Springvale Avenue,
Bilston, West Midlands, WV14 0QL, U.K.

Tel: +44(0)1902 357777 Fax: +44(0)1902 357711
E-mail : sales@jactone.com

MANUFACTURERS INSTRUCTION, FOR STORED PRESSURE CARBON DIOXIDE EXTINGUISHERS

Note:

Extinguisher filling must only be undertaken by a trained competent person in accordance with BS6643-1 : 1985.
Extinguisher maintenance to be in accordance with BS5306-3: 2003. Extinguisher siting and installation to be in accordance with the recommendations of BS5306-8: 2000.

WARNING :

These extinguishers contain liquid CO² having a pressure of 57 bar at 20°C. No attempt should be made to remove or service the operating valve even if it is believed the extinguisher is empty. Such work must be carried out by an organisation competent in the re-filling and repair of these extinguishers.

The operation of these extinguishers with the discharge fittings removed is dangerous. Ensure the safety pin is fitted and sealed before removing the swivel horn or hose and horn.

<u>Model</u>	<u>Description</u>	<u>Fill Tolerance</u>	<u>Filled Weight (Without swivel horn or Hose and horn fitted)</u>
EC1FS / EC1FSS	1Kg Carbon Dioxide	0.95 – 1.00 Kg	2.71 – 2.76 Kg
EC2FS	2Kg Carbon Dioxide	1.90 – 2.00 Kg	4.63 – 4.73 Kg
EC2 /EC2F	2Kg Carbon Dioxide	1.90 – 2.00 Kg	4.83 – 4.93 Kg
EC5	5Kg Carbon Dioxide	4.75 – 5.00 Kg	10.69 – 10.94 Kg (Luxfer cylinder) 11.25 – 11.50 Kg (MES cylinder)

Operating temp. range: -20°C to +60°C

Servicing Notes

- 1) If the extinguisher is below weight, it should be discharged fully and returned for examination and refilling, as appropriate, by a competent organisation.
- 2) If the valve is removed for any reason, the 'O' ring should be replaced, the valve seat / counterbore checked for cleanliness, before re-fitting the valve and tightening to a recommended torque of 95 – 130Nm (70 – 95lbf ft).
- 3) When replacing the standard swivel horn¹ (Model EC2) or Frost Free swivel horn (Models EC1FS / EC1FSS / EC2FS & EC2F²) or Hose and horn (Model EC5), prior to refitting ensure that the relevant seals are in good condition and replace if damaged.

SAFETY NOTES

- ¹ A standard swivel horn must NOT be used on Models EC1FS / EC1FSS / EC2FS & EC2F.
 - ² On model EC2F the green label indicating "Safe to hold when fitted with a Frost Free Horn" must remain fitted to the extinguisher front.
- 4) With reference to Models EC1FS / EC1FSS / EC2FS / EC2 & EC2F, when re-fitting the swivel horn, tighten the nut to a recommended torque of 35 – 40Nm (26 - 30lbf ft) such that the horn can be swivelled to its horizontal operating position, but with adequate friction to ensure that the horn will remain in position when the extinguisher is operated.
 - 4) Attach a service label onto the extinguisher for recording the following information:
 - i) Date (year / month) when filled / maintained.
 - ii) Type of maintenance (if applicable).
 - iii) Full weight of extinguisher (excluding swivel horn or hose and horn).
 - iv) Mark identifying the competent person.
 - v) Date (year / month) next service due.
 - vi) Name and Address of maintenance supplier.