

## TCLCE5 - 5kg CO<sub>2</sub> Extinguisher

### Extinguisher Fire Rating - 55B

#### Cylinder

The mild steel deep drawn cylinder is manufactured from high grade mild steel and is fully compliant with the requirements of BS EN3 and the Pressure Equipment Directive (97/23/EC)

The polyester powder coated exterior has a high gloss, chip resistant finish, and offers excellent corrosion resistance.

The aluminium cylinder is manufactured from extrusion grade aluminium alloy (Grade A6061). Intensive quality control ensures that the cylinders are free from internal defects and heat treated to ensure the pressure resistance is restored after the extrusion process.

The polyester powder coated exterior has a high gloss, chip resistant finish.

Manufactured in accordance with BS5045:2000. and approved to the requirements BS EN3 and the Pressure Equipment Directive (97/23/EC).

#### Discharge Device

Like most CO<sub>2</sub> Swivel Horns, the ex-celsius frost-free horn can be set in position and left un-held during activation of the extinguisher. However, many people feel more comfortable holding the horn during the discharge, particularly if they have not received proper training. This can lead to frost burns due to the extremely severe drop in temperature of the outside of the horn. With the ex-celsius swivel horn the user is protected from this unseen danger by the double skinned walls of the horn, which insulates the outer wall from this temperature drop.

#### Use

All ex-celsius extinguishers are operated in the same way. Remember the letters P.A.S.S.

- P** - Pull out the safety pin
- A** - Aim at the base of the fire
- S** - Squeeze the levers to commence discharge, release to stop
- S** - Sweep the flames from side to side

Training in the use of hand portable fire extinguishers is highly recommended, in order for potential users to be familiar with the equipment and its method of operation.

#### Maintenance

- inspect extinguisher visually, paying particular attention for corrosion, damage and other conditions that may make the extinguisher unsafe for use.

- remove Swivel horn and check for blockages and replace washer. Weigh extinguisher and ensure that the weight is within 200g (10% of contents) of the weight stamped on the cylinder. Refit discharge horn.

- remove safety pin, and ensure that levers are free to move. Refit safety pin and fit new anti-tamper tag.

- record details of service on service label and return to service, ensuring that any hanging bracket is of the correct type and is securely attached to the wall.

#### Recharge Instructions

Under No Circumstances attempt to remove the valve from the cylinder.

This extinguisher should only be recharged by specialist companies using high pressure CO<sub>2</sub>

Record recharge information on the service label and return to service.

#### BS EN3

ex-celsius extinguishers are manufactured and tested in accordance with BS EN3. This standard specifies requirements for performance, safety, corrosion resistance, consistency, use of the extinguishers at both ends of its temperature range, colour and marking, etc. As part of the Kitemark approval samples are regularly tested by BSI to ensure continuing compliance with the requirements, and the manufacturing plant is regularly audited to ensure that approved processes continue to be applied.

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Flammable Liquids such as petrol, paraffin, paints, oils



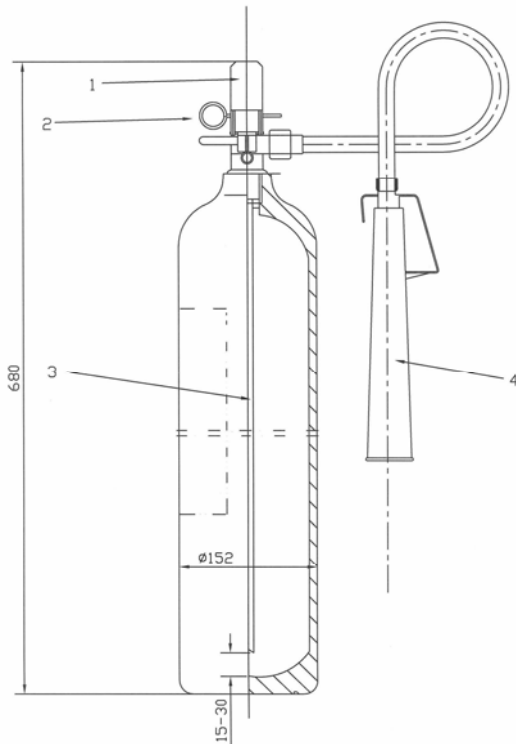
Safe to use on electrical equipment of up to 1000V at a distance of 1m

### Colour coding

All ex-celsius extinguishers are coloured red, in accordance with BS EN3, but are also colour coded in accordance with BS7863, which allows for a coloured band to be used to easily identify the extinguisher type. Cream = Foam, Blue = Powder and Black = CO<sub>2</sub>.

### Fire Ratings

The fire ratings achieved by the extinguisher are an indication of how large (or small) a fire can be extinguished with the particular type and size. The higher the number the larger the fire that can be extinguished. However, this needs to be taken into consideration along with two other factors. 1) How large is the fire likely to be before the user decides that he/she can no longer tackle it, and 2) how physically able is the likely user to use the extinguisher effectively, generally the larger the rating the larger the extinguisher.



### Spare part list

No.	Description	Code
1	Valve	TTEL28
2	Pin	TTEL66
3	Syphon Tube	TTEL76
4	5Kg Hose & Horn	TTEL17
	Headcap 'O' Ring	TTEL08
	Discharge 'O' Ring	TTEL09

No.	Description	Code
	Tamper Tag	TTEL07

## **Maintenance and Guarantee**

The extinguisher should be inspected by the user periodically, preferably at least monthly, to ensure that it is in its correct location, has not lost pressure, been used, is in good condition and has not suffered any obvious damage. In addition, the extinguisher should be maintained at least annually, by a competent, preferably BAFE registered technician, in accordance with BS 5306 part 3.

Spare parts and recharge materials must be in accordance with the manufacturers instructions. Failure to comply will invalidate the guarantee.

The extinguisher is guaranteed for a period of 2 years from the date of the supply. The guarantee includes, repair or replacement due to manufacturing defects, unit must be sent back to the factory free of charge, only when written authorisation has been granted.

The guarantee is dependent upon the correct recharge materials and spare parts being used, and the extinguisher must have been regularly maintained by a competent person.