



# Technical Datasheet

## CO<sub>2</sub> Gun

### Specifications:

Equipment Size:  
H25 x W60 x D6 cm

Equipment Weight:  
1.6kg

Shipping Type:  
TBC

Noise: 98db at 6mtrs

Suggested for setup:  
1 Person

Cylinder Connection:  
RH 0.860 in x 14 TPI  
Male

Duration of effect:  
Up to 20 seconds with  
BOC LB-Size CO<sub>2</sub>  
cylinder

Additional requirements:  
CO<sub>2</sub> hose and cylinder  
are required. Plume  
size is affected by  
humidity (more humidity  
results in a more  
impressive effect).

[vimeo.com/67630404](https://vimeo.com/67630404)



The CO<sub>2</sub> Gun is a hand-held device which fires plumes of white gas 6-8mtrs (depending on humidity). Ideal for stage, live performances, DJ's, dancers and many other uses

### How to set up and use the CO<sub>2</sub> Gun

1. Use a spanner to attach the hose onto the CO<sub>2</sub> cylinder. Ensure the washer is present before connecting to the cylinder. Do not over tighten the fitting as it is made from brass and over tightening will cause damage to the fitting.
2. Connect the quick release 'cryogenic' hose (included) to the CO<sub>2</sub> Gun unit (fig 2).
3. Turn on the CO<sub>2</sub> at the bottle valve; the unit is now ready to be used (fig 3).
4. To fire, depress the trigger handle (fig 4).
5. After use, depressurise before disconnecting the hose.

### Hints/Tips/Safety

1. Do not fire the gun towards people within 10mtrs.
2. Misuse of CO<sub>2</sub> can result in a 'cold burn' if not handled correctly (fig.5).
3. CO<sub>2</sub> is required, BOC codes; 40LB is 9 kilos or 40LK is 34 Kilos.
4. Do not leave the CO<sub>2</sub> Gun with pressurised CO<sub>2</sub> present, as this will damage the hose.
5. Ensure adequate ventilation as CO<sub>2</sub> may build up with prolonged use.
6. A humid atmosphere produces the best results.
7. An optional Backpack (fig. 7) is available for portability. Please contact MTFX.



Fig 1. CO<sub>2</sub> Gun



Fig 2 Hose Connection



Fig.3 Turning on CO<sub>2</sub> Supply



Fig.4 Trigger



Fig 5. Frosted Barrel



# Technical Datasheet

## CO<sub>2</sub> Gun

### Specifications:

Equipment Size:  
H25 x W60 x D6 cm

Equipment Weight:  
1.6kg

Shipping Type:  
TBC

Noise: 98db at 6mtrs

Suggested for setup:  
1 Person

Cylinder Connection:  
RH 0.860 in x 14 TPI  
Male

Duration of effect:  
Up to 20 seconds with  
BOC LB-Size CO<sub>2</sub>  
cylinder

Additional requirements:  
CO<sub>2</sub> hose and cylinder  
are required. Plume  
size is affected by  
humidity (more humidity  
results in a more  
impressive effect).

[vimeo.com/67630404](https://vimeo.com/67630404)



Fig 8. CO<sub>2</sub> Gun



Fig 7. Optional Backpack



Fig 6. Gun in use



**Velt House, Velt House Lane, Elmore, Gloucester, GL2 3NY**  
**T: 01452 729903 E: info@mtfx.com www.mtfx.com**