

M4c™ – Portable Weatherproof Fog Generator

Preliminary Specifications Ba 100427



General

The new MDG M4c™ is a powerful fog generator built inside a standard weatherproofed, ventilated enclosure, the true choice of professionals when the application requires some protection from the elements without compromising on fog quality and density.

The M4c™ is a powerful tool generating up to 170 m³ (6000 ft³) of thick, pure white fog per minute, continuously, and right upon command (DMX).

Enclosed in a standard 1510 Pelican™ Case, the M4c™ will resist to water splashes and sustained rain, as well as wet locations and humid environments. The built-in wheels, retractable and top handles make this fog generator perfect for quickly relocating. Both the fluid and gas entry are fitted with Quick Disconnect® connectors for rapid set-up. The M4c™ also has inner level detectors which shut down the generator if tilted more than 15 degrees from its upright position. Available in 115V or 230 VAC, 50/60Hz.

Mechanical

- Single output
- Internal pressurized 500ml reservoir
- Automatic Purging System (APS™)
- Automatic Refill System (ARS™)
- Gas pressure input : 3.4 bars (50 psi)
- Polypropylene copolymer charcoal case with top and retractable handles.
- 100% duty cycle
- Built-in wheels
- Weight: 19 kg (42 lb)
- Size: L : 56 cm (22 in)
W: 35 cm (14 in)
H: 23 cm (9 in)

Electrical

- 115 or 230VAC, 50/60Hz
- 1415W Maximum power
- 1.5m (4.6ft) UL/CSA /CE 14 AWG x3 cord (no connector)

Data

- 2 standard USITT DMX512 channels, XLR-5 connectors, 1 input, 1 output, capped.

Consumables

- **MDG NEUTRAL FLUID™ only**
- CO₂ or N₂ gas
- External 4 liters (1 U.S. gal), 20 liters (5.3 U.S. gal) fluid container

Standard accessories

- 2 meter (6.5 ft) clear blue fluid conduit with Quick Disconnect® link, perforated cap and copper filter.
- 2 meter (6.5 ft) opaque blue gas conduit with Quick Disconnect® link
- 2 meter 15A (6.5 ft), 3-wire UL-C SOW AC cable with Bulgin Standard Buccaneer™ IP68 connector

Options

- Remote control (TBA)
- Consumables rolling case (TBA)

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TECHNICAL SPECIFICATIONS

Fog output:	170 m ³ (6,000 ft ³) per minute
Fog colour:	Pure white
Particle size:	0.5 to 0.7 microns
Fluid consumption:	2 litres (0.5 US gal.) per hour at 3.5 bars (50 psi)
Fluid type:	MDG Neutral™ Fog Fluid ONLY
External fluid containers:	4 litres (1 US gal.), 20 litres (5.3 US gal.), or 205 litres (55 US gal.) drum
Gas type	Industrial Grade N ₂ or CO ₂
Maximum operating pressure	3.5 bar (50 psi)
Gas consumption:	1.73 kg (3.8 lb) per hour at 3.5 bars (50 psi).
APS:	Automatic Purging System™
Warm-up time:	Under 10 minutes
Operating voltage:	115 or 230 VAC, 50/60Hz, 1 phase
Power consumption:	1415 Watts
Control signal:	DMX Protocol or 0-10 volts or MDG Protocol (remote & translator, TBA)
Operating temperature:	-30°C (-22°F) to 50°C (194°F)
Protection rating:	IP42 (NEMA 2)
Dimensions of case:	55.9 cm (22") L x 35.1 cm (13.8") W x 22.9 cm (9") H
Weight:	19 kg (42 lb)
Shipping weight	21 kg (46.lbs)

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