



MDG

CATALOGUE 2019



↑
USE ONLY
THE MDG NEUTRAL FOG FLUID
→ CAUTION →
DISCONNECT UNIT BEFORE ADDING FOG FLUID



MDG Me2 WPE

WEATHERPROOF FOG GENERATOR



Technical
documentation

SERIAL NUMBER
Me2 WPE
140218795

CO₂ or N₂ Gas Input
Maximum Pressure
60 psi / 4.1 bar / 414 kPa →

DMX / RDM
Input / Output →

Operating Voltage
100-200 VAC, single phase
50/60 Hz, 1415 W
Ground/Earth Connection REQUIRED →

WARNING - SHOCK HAZARD - DO NOT OPEN

MDG FOG GENERATORS LTD

Established 1980

Our passion for almost 40 years

Proudly creating the best atmospheric effects

Congratulations!

You are reading the catalogue of the best fog, haze and low fog generators on the market!

MDG is proud to be the leading brand of atmospheric effects for entertainment, industrial and military markets worldwide, a position we have held for almost four decades. Our fog, haze and low-lying fog generators are known for their quality, reliability, durability and quietness.

MDG generators enjoy an international presence throughout the entertainment industry and are used in all areas, from Broadway to the West End, from Hollywood to Bollywood. Our heavy-duty, reliable generators are the choice for theatre and opera, film and television studios, concert and touring venues, leading amusement parks and large-scale events. We offer a wide range of products to fit all your applications, from a discreet mist to an overwhelming fog, indoors or outdoors. From the largest to the smallest, MDG covers them all: lighting looks better through our atmospheric effects.

Our passion has been recognised by the awards bestowed on our products: the ATMOSPHERE haze generator received the TCI Best Lighting Product Award in 1997 and has remained unsurpassed as the industry standard for more than 20 years. In 2010 we were awarded the LDI Best Debuting Product for the ONE™ atmospheric generator.

Our customers rely on our expertise for advice and solutions regarding their projects. We offer a bespoke service to customise or create new products to suit individual requirements.

Based in Montreal, Quebec, we are a proud Canadian manufacturer which is represented on almost every continent through our worldwide network of partners, the MDG Family.

Read on to discover our full range of products.

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ATMOSPHERIC GENERATOR





theONE™

theONE™ and only atmospheric generator you'll ever need

The award-winning theONE's revolutionary technology means this fully digital atmospheric generator creates fog or haze effects from a single source.

Its construction and features make theONE™ perfect for rental and international touring.

FEATURES

theONE™



■ Dual mode: haze and fog

Seamless switching between haze and fog modes.

■ APS™ (Automatic Purging System)

This system purges the heating module after the first heating cycle and after every emission of haze/fog preventing residual build up and clogging.

■ Networking capabilities

theONE™ is the first atmospheric generator with networking capabilities. It can be controlled through its DMX/RDM connector or RJ45 node (Pathport embedded, ACN, ART-Net, ETCNet 2 & 3 and SHOWNet protocols). USB 2.0 link connector for updates.

■ ARS™ (Automatic Refill System)

Specially designed to give maximum, consecutive, non-stop hours of haze/fog without interruption, theONE™ automatically refills its internal fluid reservoir from our external 20 L (5.3 US gallon) container of MDG Neutral fluid as required.

■ Integral touring fan

External dual-position, adjustable fan with dedicated control channel which travels in its own compartment within the touring cradle. Can be mounted above or below haze/fog output to adjust directional flow.

■ Total running time

theONE™ running at full intensity, will generate 308 hours of haze and 20 hours of fog from its 20 L (5.3 US gallon) fluid container. Gas bottle will need to be changed at 50 hours for haze and 15 hours for fog. This can be done during operation without interruption of fog/haze emission.

■ Operating voltage

theONE™ is unique in being the only atmospheric generator to offer automatic detection of universal voltage rating from 100-250 VAC, 50/60 Hz, single phase.

■ Certification

theONE™ is a truly global product being certified to CSA and UL standards, CE approved and RoHS compliant.

■ Touring cradle

theONE™ cradle contains the generator, its fan and a convenient tool drawer and accommodates our 20 L (5.3 US gallon) fluid container and, uniquely, all known sizes of 9 kg (20 lb) CO₂ or N₂ gas bottle, within a single robust aluminium frame. Exceeding PLASA rigging standards the cradle is designed for rigging, stacking and rolling and sized to fit standard trucks/containers. The touring cradle ensures theONE™ is fit and ready for worldwide touring.

TECHNICAL DATA

	theONE™ - fog mode	theONE™ - haze mode
Consumables		
Fluid consumption per hour at maximum output	1 litre (0.26 US gallon) at 2.75 bar (40 psi)	65 ml (2.20 oz) at 2.07 bar (30 psi)
Fog Volume per minute at maximum output	100 m ³ (3,531 ft ³)	N/A
Fog volume control	Yes - variable	Yes - variable
Gas Consumption (CO ₂ or N ₂) per hour at maximum output	1.16 kg (2.56 lb)	0.35 kg (0.77 lb)
APST™ (Automatic Purging System)	Yes - Standard	Yes - Standard
Fog / haze colour	Pure White Fog	Pure White Haze
Particle size	0.5 - 0.7 micron	0.5 - 0.7 micron
Total running time (20 L container, full intensity)	20 hours	308 hours
Fluid type (SDS available on mdgfog.com)	MDG Neutral Fluid	MDG Neutral Fluid
Operation		
Operating voltage (single phase)	100 - 250 VAC, 50/60 Hz	100 - 250 VAC, 50/60 Hz
Power consumption	1100 - 1480 Watts	1100 - 1480 Watts
Approval	Certified to CSA and UL standards, CE approved and RoHS compliant	
Warm-up time	< 8 minutes	< 8 minutes
Physical		
	Generator	Cradle
Weight	23 kg (50 lb)	33.5 kg (74 lb)
Shipping weight	25 kg (55 lb)	36 kg (80 lb)
Total operating weight (North American gas bottles and a full 20 L (5.3 US gallon) fluid container)		120 kg (265 lb)
DMX	Yes	N/A
RJ45	Yes – ACN	N/A
DMX fan		Yes – Touring version only
Display	5-button controller with LCD panel	N/A
Truss mounting	N/A	Yes - 3 x 750 kg rated coupling holes
Dimensions	Height	106 cm (42")
	Width	76 cm (30")
	Depth	61 cm (24")

HAZE GENERATORS





ATMOSPHERE^{APS}

The finest haze on the market

The world-famous ATMOSPHERE^{APS}, the industry standard professional haze generator for more than two decades, is the perfect match for your lighting effects.

ATMe

The finest haze on the market...
just got better.

The ATMe single high output haze generator is the evolution of the world-famous ATMOSPHERE^{APS}, the industry's standard for more than two decades.

FEATURES

- **APS™ (Automatic Purging System) to prevent build-up and clogging**

This system purges the heating module after the first heating cycle and after every emission of haze preventing residual build up and clogging.

- **Virtually noiseless, producing the finest haze with the longest hanging times**

- **Continuous or momentary haze emission**

ATMOSPHERE^{APS}



- **Manual haze output**
0-100% haze output control from your regulator
- **Detachable remote control and 8 m (26 ft) cable included**
- **Compatible with DMX interface and remote control timer**
- **Lowest fluid consumption on the market**
55 ml (1.86 oz) per hour at 1.38 bar (20 psi)

ATMe



- **Variable haze output**
0-100% haze output control from your DMX / RDM device.
- **Numerous control options**
4-button LCD user interface, 3 standard USITT DMX512 channels, XLR-5 connectors, RDM compliant.
- **Lowest fluid consumption on the market**
At 1.38 bar (20 psi) ATMe uses only 55 ml (1.86 oz) of fluid per hour to give a total running time of 46 hours from its 2.5 L (0.66 US gallon) reservoir.
- **Theatre mode**
Reduces the fan speed depending on haze output level.

TECHNICAL DATA

	ATMOSPHERE ^{APS}	ATMe
Fluid consumption		
per hour at 1.38 bar (20 psi)	55 ml (1.86 oz)	55 ml (1.86 oz)
per hour at 2.76 bar (40 psi)	-	110 ml (3.72 oz)
CO₂ consumption		
per hour at 1.38 bar (20 psi)	0.18 kg (0.4 lb)	0.18 kg (0.4 lb)
per hour at 2.76 bar (40 psi)	-	0.36 kg (0.8 lb)
Reservoir capacity	2.5 L (0.66 US gallon)	2.5 L (0.66 US gallon)
APS™ (Automatic Purging System)	Standard feature	Standard feature
Haze colour	Pure white	Pure white
Particle size	0.5 - 0.7 micron	0.5 - 0.7 micron
Total running time		
at 1.38 bar (20 psi) with a full tank	46 hours	46 hours
at 2.76 bar (40 psi) with a full tank	-	23 hours
Warm-up time (maximum)	8 minutes	8 minutes
Fluid type (SDS available on mdgfog.com)	MDG Neutral Fluid	MDG Neutral Fluid
Operating voltage (single phase)	115 or 230 VAC, 50/60 Hz	100 - 250 VAC, 50/60 Hz
Power consumption	715 W	715 W
Noise emission at 1m (3.3 ft)	45.4 dB (A)	45.4 dB (A)
Dimensions		
Length	68.5 cm (27")	68.5 cm (27")
Width	18 cm (7")	18 cm (7")
Height	30 cm (12")	30 cm (12")
Weight	19 kg (42 lb)	16.8 kg (37 lb)
Shipping weight (with flight case)	34 kg (76 lb)	30.5 kg (67 lb)
Approval	CE approved and ETL field approved	Certified to CSA and UL standards, CE approved, CB Scheme Certificate and RoHS compliant

WEATHERPROOF GENERATORS



↑
USE ONLY
THE MDG NEUTRAL FOG FLUID
*** CAUTION ***
DISCONNECT UNIT BEFORE ADDING FOG FLUID



ATMe WPE
WEATHERPROOF HAZE GENERATOR





ATMe WPE

The finest haze on the market...
loves rainy weather

The ATMe WPE is the weatherproof version of the ATMe haze generator, and the perfect solution for theme parks, outdoor festivals and events, come rain or shine.

Me1 WPE

MDG takes fog to the great outdoors

Me1 WPE, the first and smallest in our powerful Me family of fog generators, now available in a weatherproof version that's ready, come rain or shine.

Me2 WPE

Meet Me2 WPE, the powerful
outdoor type

Me2 WPE is the more powerful twin of Me1 WPE, housed in the same weatherproof enclosure but with twice the power, always ready for the outdoors.

FEATURES

■ WEATHERPROOF ENCLOSURE

With its weatherproof and dust-resistant enclosure this IP55-rated WPE version is ideal for outdoor use.

■ APS™ (AUTOMATIC PURGING SYSTEM)

This system purges the heating module after the first heating cycle and after every emission of haze or fog preventing residual build up and clogging.

■ NUMEROUS CONTROL OPTIONS

4-button LCD user interface, 3 standard USITT DMX512 channels, XLR-5 connectors, RDM compliant.

■ 100% DUTY CYCLE

At all output levels our WPE versions produce a high-quality, consistent fog as long as there is fluid and gas.

ATMe WPE



■ Variable haze output

0-100% haze output control from your DMX / RDM device

■ Extremely quiet operation

Noise emission (at 1m/3.3ft): 45.4 dB in standard mode. The theatre mode reduces the fan speed depending on haze output level.

■ Lowest fluid consumption on the market

At 2.76 bar / 40 psi ATMe uses only 110 ml (3.3 oz) of fluid per hour to give a total running time of 23 hours from its 2.5 L (0.66 US gallon) reservoir.

Me1 WPE



■ Single fog output

With its single nozzle, the maximum fog output is 100 m³ (3,531 ft³) per minute.

■ Second personality

MAX 3000^{APS} configuration setting.

■ Fluid consumption

Uses only 1 L (0.26 US gallon) of fluid per hour at maximum output.

Me2 WPE



■ Dual fog output

With its two nozzles, the maximum fog output is 200 m³ (7,063 ft³) per minute.

■ Fluid consumption

Uses only 2 L (0.53 US gallon) of fluid per hour at maximum output.

TECHNICAL DATA

	ATMe WPE	Me1 WPE	Me2 WPE
Enclosure	Weatherproof and dust-resistant IP55-rated	Weatherproof and dust-resistant IP55-rated	Weatherproof and dust-resistant IP55-rated
Maximum fog output (per minute)	-	100 m ³ (3,531 ft ³)	200 m ³ (7,063 ft ³)
Fluid consumption per hour at 2.76 bar (40 psi) (maximum output)	110 ml (3.72 oz)	1 L (0.26 US gallon)	2 L (0.53 US gallon)
Gas type	CO ₂ or N ₂	CO ₂ or N ₂	CO ₂ or N ₂
Gas consumption per hour at 2.76 bar (40 psi)	0.36 kg (0.8 lb)	1 kg (2.2 lb)	2.68 kg (5.90 lb)
Total running time (at 2.76 bar / 40 psi with a full tank)	23 hours	2.5 hours	1.25 hours
Control	4-button LCD user interface, 3 standard USITT DMX512 channels, XLR-5 connectors, RDM compliant.	4-button LCD user interface, 3 standard USITT DMX512 channels, XLR-5 connectors, RDM compliant.	4-button LCD user interface, 3 standard USITT DMX512 channels, XLR-5 connectors, RDM compliant.
Reservoir capacity	2.5 L (0.66 US gallon)	2.5 L (0.66 US gallon)	2.5 L (0.66 US gallon)
APS™ (Automatic Purging System)	Standard feature	Standard feature	Standard feature
Haze / fog colour	Pure white	Pure white	Pure white
Particle size	0.5 - 0.7 micron	0.5 - 0.7 micron	0.5 - 0.7 micron
Warm-up time (maximum)	8 minutes	8 minutes	8 minutes
Fluid type (SDS available on mdgfog.com)	MDG Neutral Fluid	MDG Neutral Fluid	MDG Neutral Fluid
Operating voltage (single phase)	100 - 250 VAC, 50/60 Hz	100 - 250 VAC, 50/60 Hz	100 - 250 VAC, 50/60 Hz
Power consumption	715 W	715 W	1,415 W
Dimensions	Length 46.7 cm (18.4") Width 48.8 cm (19.2") Height 60.7 cm (23.9")	34 cm (13.4") 48.8 cm (19.2") 60.7 cm (23.9")	34 cm (13.4") 48.8 cm (19.2") 60.7 cm (23.9")
Weight	26.8 kg (59 lb)	24.9 kg (55 lb)	26.3 kg (58 lb)
Shipping weight (with flight case)	35.8 kg (79 lb)	34 kg (75 lb)	35.4 kg (78 lb)
Approval	Certified to CSA and UL standards, CE approved, CB Scheme Certificate and RoHS compliant		

FOG GENERATORS



Me8

THE FAMILY IS GETTING BIGGER!

The biggest of the family with a massive eight-nozzle fog output, Me8 delivers exceptional results on a vast scale.



Me1

MDG's evolution of fog

Me1 is the first and smallest in our powerful Me family of fog generators.

Me2

Meet Me2, the powerful twin

Me2 is the more powerful twin of the Me1, housed in the same size chassis but with twice the power (and two nozzles!)

Me4

Bringing Me-power to the four

The powerful Me4's quadruple output is ideal when you need seriously high amounts of fog.

FEATURES

- **Variable fog output**
0-100% fog output control from your DMX/RDM device, or direct local control
- **100% duty cycle**
At all output levels the Me series produces

a high-quality, consistent fog as long as there is fluid and gas.

- Last operation mode memory
- Recordable failure / anomaly logs

Me1



- **Single fog output**
With its single nozzle, the maximum fog output is 100 m³ (3,531 ft³) per minute.
- **Second personality**
MAX 3000^{AP5} configuration setting.
- **Fluid consumption**
At maximum output 2.76 bar (40 psi) Me1 uses only 1 L (0.26 US gallon) of fluid per hour.

Me2



- **Dual fog output**
With its two nozzles, the maximum fog output is 200 m³ (7,063 ft³) per minute.
- **Fluid consumption**
At maximum output 2.76 bar (40 psi) Me2 uses only 2 L (0.53 US gallon) of fluid per hour.

- **Numerous control options**
4-button LCD user interface, 3 standard USITT DMX512 channels, XLR-5 connectors, RDM compliant.
- **APS™ (Automatic Purging System)**
This system purges the heating modules after

the first heating cycle and after every emission of fog preventing residual build up and clogging.

- **Firmware upgradable**
- **USB 2.0 link connector (firmware upgrade)**

Me4



- **Quad fog output**
With its four nozzles, the maximum fog output is 400 m³ (14,126 ft³) per minute.
- **Fluid consumption**
At maximum output 2.76 bar (40 psi) Me4 uses only 4 L (1.06 US gallon) of fluid per hour.

Me8



- **Octo fog output**
With its eight nozzles, the maximum fog output is 800 m³ (28,252 ft³) per minute.
- **Fluid consumption**
At maximum output 2.76 bar (40 psi) Me8 uses only 8 L (2.11 US gallon) of fluid per hour.



TECHNICAL DATA

Maximum fog output per minute

Fluid consumption
per hour at 2.76 bar (40 psi)
at maximum output

Gas type

Gas consumption
per hour at 2.76 bar (40 psi)
at maximum output

Control

Reservoir capacity

APS™ (Automatic Purging System)

Fog colour

Particle size

Warm-up time (maximum)

Fluid type (SDS available on mdgfog.com)

Operating voltage (single phase)

Power consumption

Dimensions	Length
	Width
	Height

Weight

Shipping weight
(without flight case)

Shipping weight
(with flight case)

Approval

Me1	Me2	Me4	Me8
100 m ³ (3,531 ft ³)	200 m ³ (7,063 ft ³)	400 m ³ (14,126 ft ³)	800 m ³ (28,252 ft ³)
1 L (0.26 US gallon)	2 L (0.53 US gallon)	4 L (1.06 US gallon)	8 L (2.11 US gallon)
CO ₂ or N ₂	CO ₂ or N ₂	CO ₂ or N ₂	N ₂ only
1 kg (2.2 lb)	2.68 kg (5.90 lb)	3.4 kg (7.5 lb)	6.8 kg (15 lb)
4-button LCD user interface, 3 standard USITT DMX512 channels, XLR-5 connectors, RDM compliant.	4-button LCD user interface, 3 standard USITT DMX512 channels, XLR-5 connectors, RDM compliant.	4-button LCD user interface, 3 standard USITT DMX512 channels, XLR-5 connectors, RDM compliant.	4-button LCD user interface, 3 standard USITT DMX512 channels, XLR-5 connectors, RDM compliant.
2.5 L (0.66 US gallon)	2.5 L (0.66 US gallon)	6.5 L (1.72 US gallon)	9.5 L (2.51 US gallon)
Standard feature	Standard feature	Standard feature	Standard feature
Pure white	Pure white	Pure white	Pure white
0.5 - 0.7 micron	0.5 - 0.7 micron	0.5 - 0.7 micron	0.5 - 0.7 micron
8 minutes	8 minutes	8 minutes	8 minutes
MDG Neutral Fluid	MDG Neutral Fluid	MDG Neutral Fluid	MDG Neutral Fluid
100 - 250 VAC, 50/60 Hz	100 - 250 VAC, 50/60 Hz	190 - 250 VAC, 50/60 Hz	190 - 250 VAC, 50/60 Hz
715 W	1,415 W	2,815 W	5,630 W
61 cm (24") 18 cm (7") 30 cm (12")	61 cm (24") 18 cm (7") 30 cm (12")	68.5 cm (27") 28 cm (11") 30 cm (12")	73 cm (28.7") 30.4 cm (12") 41.5 cm (16.3")
15.62 kg (35 lb)	16.62 kg (35 lb)	33 kg (72 lb)	45 kg (100 lb)
20.42 kg (45 lb)	21.42 kg (47 lb)	38 kg (84 lb)	45 kg (100 lb)
29.12 kg (64 lb)	30.12 kg (66 lb)	44 kg (97 lb)	60 kg (132 lb)

Certified to CSA and UL standards, CE approved, CB Scheme Certificate and RoHS compliant

FOG GENERATORS





MAX 3000^{APS}

The smallest of the MAX series, powerful and always ready, the MAX 3000^{APS} gives you fog the moment you need it.

MAX 5000^{APS}

The mid-range of the MAX series, very powerful and always ready, the MAX 5000^{APS} gives you fog the moment you need it.

MAX 5000^{APS} H.O.

The largest of the MAX series, very powerful and always ready, the MAX 5000^{APS} H.O. gives you maximum fog the moment you need it.

FEATURES

- APS™ (Automatic Purging System) to prevent build-up and clogging
- Virtually noiseless, with the finest fog and the longest hanging times
- Detachable remote control and 8 m (26 ft) cable included
- Compatible with DMX interface and remote control timer

MAX 3000^{APS}



- Powerful, manually adjustable fog output
- Maximum fog output up to 85 m³ (3,002 ft³) per minute

MAX 5000^{APS}



- Very powerful, manually adjustable fog output
- Maximum fog output up to 218 m³ (7,698 ft³) per minute

MAX 5000^{APS} H.O.



- Huge, manually adjustable fog output
- Maximum fog output up to 445 m³ (15,715 ft³) per minute

TECHNICAL DATA

	MAX 3000^{APS}	MAX 5000^{APS}	MAX 5000^{APS} H.O.
Maximum fog output per minute	85 m ³ (3,002 ft ³)	218 m ³ (7,698 ft ³)	445 m ³ (15,715 ft ³)
Fluid consumption per hour at maximum output	1 L (0.26 US gallon) at 2.76 bar (40 psi)	2.6 L (0.69 US gallon) at 2.76 bar (40 psi)	4.5 L (1.19 US gallon) at 4.14 bar (60 psi)
Gas type	CO ₂ or N ₂	CO ₂ or N ₂	N ₂ only
Gas consumption per hour at maximum output	0.97 kg (2.14 lb) at 2.76 bar (40 psi)	2.25 kg (5 lb) at 2.76 bar (40 psi)	5 kg (11 lb) at 4.14 bar (60 psi)
Reservoir capacity	2.5 L (0.66 US gallon)	2.5 L (0.66 US gallon)	6.5 L (1.72 US gallon)
APS[™] (Automatic Purging System)	Standard feature	Standard feature	Standard feature
Fog colour	Pure white	Pure white	Pure white
Particle size	0.5 - 0.7 micron	0.5 - 0.7 micron	0.5 - 0.7 micron
Warm-up time (maximum)	8 minutes	8 minutes	8 minutes
Fluid type (SDS available on mdgfog.com)	MDG Neutral Fluid	MDG Neutral Fluid	MDG Neutral Fluid
Operating voltage (single phase)	115 or 230 VAC, 50/60 Hz	115 or 230 VAC, 50/60 Hz	208 or 230 VAC, 50/60 Hz
Power consumption	715 W	1,415 W	2,815 W
Dimensions			
Length	61 cm (24")	61 cm (24")	68.5 cm (27")
Width	18 cm (7")	28 cm (11")	28 cm (11")
Height	30 cm (12")	30 cm (12")	30 cm (12")
Weight	20 kg (43 lb)	26 kg (56 lb)	33 kg (72 lb)
Shipping weight (with flight case)	33 kg (72 lb)	38 kg (85 lb)	44 kg (97 lb)
Approval	CE and ETL field approved	CE and ETL field approved	CE and ETL field approved

LOW FOG GENERATORS





ICE FOG Compack

Dense low fog in its own
convenient flight case

Our ICE FOG Compack creates a thick low-lying
fog with zero residue without the use of ice.

ICE FOG Q

The densest low fog you've
ever experienced

Our high output ICE FOG Q creates a thick low-lying
fog with zero residue without the use of dry ice.

FEATURES

- Adjustable low fog density. 100% duty cycle.
- Self-contained unit on wheels for easy transport
- Detachable remote control and 8 m (26 ft) cable included
- Compatible with DMX interface and remote control timer

ICE FOG Compact



- Low pressure or high pressure versions available
- Extremely low fluid consumption 35 ml (1.18 oz) per minute at full output
- Included: 3 m (10 ft) insulated liquid CO₂ input hose with gauge and 2.5 m (8 ft) long x 13 cm (5 in) diameter fog output conduit

ICE FOG Q



- Low pressure or high pressure versions available
- The quietest low fog generator on the market can be placed closer to the action
- Low fluid consumption 90 ml (3.04 oz) per minute at full output
- Included: 3 m (10 ft) insulated liquid CO₂ input hose and 2.5 m (8 ft) long x 23 cm (9 in) diameter fog output conduit

TECHNICAL DATA

	ICE FOG Compact	ICE FOG Q
Fluid consumption per minute at full output	35 ml (1.18 oz)	90 ml (3.04 oz)
Liquid CO₂ type	Low pressure version: refrigerated High pressure version: non-refrigerated	Low pressure refrigerated: refrigerated High pressure version: non-refrigerated
Liquid CO₂ consumption per minute	Low pressure version: 1.5 L (0.40 US gallon) at 15.5 bar (225 psi) High pressure version: 1.35 kg (3 lb) at 60.3 bar (875 psi)	Low pressure version: 3 L (0.79 US gallon) at 15.5 bar (225 psi) High pressure version: 2.77 kg (6 lb) at 60.3 bar (875 psi)
Reservoir capacity	2.5 L (0.66 US gallon)	2.5 L (0.66 US gallon)
Fog colour	Pure white	Pure white
Particle size	0.5 - 4.5 microns	0.5 - 4.5 microns
CO₂ running time	Low pressure version: 180 L (48 US gallon) canister (DEWAR) = 120 minutes High pressure version: 23 kg (50 lb) canister = 17 minutes	Low pressure version: 180 L (48 US gallon) canister (DEWAR) = 70 minutes High pressure version: 35 kg (77 lb) canister = 13.25 minutes
Warm-up time (maximum)	8 minutes	8 minutes
Fluid type (SDS available on mdgfog.com)	MDG Low Fog Fluid	MDG Low Fog Fluid
Operating voltage (single phase)	115 or 230 VAC, 50/60 Hz	208 or 230 VAC, 50/60 Hz
Power consumption	1,450 W	2,850 W
Dimensions		
Total length	1.15 m (45")	1.71 m (67.4")
Operating length	1.08 m (42.4")	1.51 m (59.5")
Width	63.5 cm (25")	67 cm (26.4")
Height	82.5 cm (32.5")	78 cm (30.7")
Weight	91 kg (200 lb)	113 kg (250 lb)
Approval	CE and ETL field approved	CE and ETL field approved



Mini Max

Mini Max, the portable fogger in a little package

The Mini Max is our smallest, lightest and most portable fogger. A single-output fogger perfect for smaller venues.

Mega Max

Mega Max, the big fogger in a convenient package

The conveniently sized Mega Max is a compact, portable, dual-output fogger.

FEATURES

- Portable and lightweight for maximum versatility
- Adjustable fog output, with continuous or momentary emission
- Fluid choices: long lasting, quick dissipation and custom formulas
- Compatible with DMX interface and remote control timer

TECHNICAL DATA

	Mini Max	Mega Max
Maximum fog output per minute	56 m ³ (2,000 ft ³)	150 m ³ (5,000 ft ³)
Fluid consumption per hour at maximum output	1.5 L (0.40 US gallon)	3.5 L (0.92 US gallon)
Fluid capacity	2.5 L (0.66 US gallon)	5 L (1.32 US gallon)
Particle size	1 - 3 microns	1 - 3 microns
Warm-up time (maximum)	8 minutes	8 minutes
Fluid type (SDS available on mdgfog.com)	MDG Dense, Low Fog or WB2	MDG Dense, Low Fog or WB2
Operating voltage (single phase)	115 or 230 VAC, 50/60 Hz	208 or 230 VAC, 50/60 Hz
Power consumption	1,415 W	2,815 W
Dimensions		
Length	46 cm (18")	49 cm (19")
Width	23 cm (9")	28 cm (11")
Height	26 cm (10")	26 cm (10")
Weight	12 kg (25 lb)	16 kg (35 lb)
Shipping weight (with flight case)	23 kg (50 lb)	27 kg (60 lb)
Approval	CE and ETL field approved	CE and ETL field approved



theFAN™

The best complement
to any atmospheric effect

Designed to work in tandem with our professional generators or as a stand alone unit, theFAN™ is a versatile, 100W, ultra-compact, variable speed, digital fan.

FEATURES

- Variable speed and air flow up to 850 CFM
- Free standing or variable mounting options
- Universal switching power supply 100 - 250 VAC, 50/60 Hz, single phase
- Noise Level at 1 m (3.3 ft): 64db at maximum speed
- 4-button LCD user interface, USITT DMX512, XLR-5 connectors, RDM compliant
- One-channel Standard mode or two-channel Quiet mode

TECHNICAL DATA

Mechanical	<ul style="list-style-type: none">• 3-bladed fan• 270° tilt• Variable speed• Airflow: 850 CFM• Noise Level: 64db at full speed• Omega clamp socket• M12 metric bolt hole	<ul style="list-style-type: none">• 0.5" imperial bolt hole• 2 handles• 4-button controller with LCD panel• Total net weight: 6.8kg (15 lb)• Total net size: 38 cm (15") H x 34.5 cm (13.58") W x 25.4 cm (10") D• Fan diameter: 26.4 cm (10.4")
Electrical	<ul style="list-style-type: none">• 100 - 250 VAC, 50/60 Hz, single phase• 100 Watts	
Data	<ul style="list-style-type: none">• 1 standard USITT DMX512 channel• 2 XLR-5 connectors: 1 input, 1 output• Controllable through DMX and RDM	
Digital Functions	<ul style="list-style-type: none">• Stand alone set speed• DMX Value	
Accessories	Flight case	
Approval	Certified to CSA and UL standards, CE approved and RoHS compliant	

Safe, non-toxic MDG fluids

The MDG fog fluids are exclusively created, formulated and bottled by MDG for the MDG fog, haze and low fog generators only.



MDG NEUTRAL FLUID

MDG Neutral fluid is a highly refined and filtered white mineral oil-base fog and haze fluid.

For use in theONE, ATMe, ATMOSPHERE, ATMOSPHERE H.O., Me series, M3e, MAX series, M4c, MINI SINGLE, SINGLE, DUAL, WTG, PMFS - Fog Head, ADV, Theme Pack, and Mobile Fog Generators.

Available in the following sizes:

4 L (1 US gallon) bottle (box of 4), 20 L (5.3 US gallon) container, 200 L (53 US gallon) drum, 1000 L (264 US gallon) tote container



MDG LOW FOG FLUID

MDG Low Fog fluid is a glycol-water base fog fluid.

For use in the ICE FOG Compack, ICE FOG Q, IFQ and IFC ADV, Mini Max, Mega Max.

Available in the following sizes:

2.5 L (84.5 oz / 0.66 US gallon) bottle (box of 6), 5 L (1.32 US gallon) bottle (box of 4), 20 L (5.3 US gallon) container, 200 L (53 US gallon) drum, 1000 L (264 US gallon) tote container



MDG DENSE FOG FLUID

MDG Dense fog fluid is a glycol-water base fog fluid.

For use in the Mini Max, Mega Max.

Available in the following sizes:

2.5 L (84.5 oz / 0.66 US gallon) bottle (box of 6), 5 L (1.32 US gallon) bottle (box of 4), 20 L (5.3 US gallon) container, 200 L (53 US gallon) drum



MDG WB2 FOG FLUID

MDG WB2 Fog Fluid is a glycol-water base fog fluid.

For use in the M3 and M5 ADV, Mini Max, Mega Max.

Available in the following sizes:

2.5 L (84.5 oz / 0.66 US gallon) bottle (box of 6), 5 L (1.32 US gallon) bottle (box of 4), 20 L (5.3 US gallon) container, 200 L (53 US gallon) drum

Accessorize your generators

MDG fog, haze and low fog generators can be used with a range of accessories to tailor their use to your precise requirements.



Interface control

- 1 2-CHANNEL DMX INTERFACE
- 2 PLC / DC REMOTE CONTROL TRANSLATOR
- 3 REMOTE CONTROL TIMER

For ATMOSPHERE, MAX series and ICE FOG series



Interface control

- 1 2-CHANNEL DMX INTERFACE
- 2 REMOTE CONTROL TIMER

For Mini Max, Mega Max



Gas accessories

1.5 KG (3.3 LB) CO₂

North American aluminium gas bottle for portable version (use in horizontal position).



Gas accessories

2.3 KG (5 LB) CO₂

North American aluminium gas bottle (DOT and TC approved).



Gas accessories

9 KG (20 LB) CO₂

North American aluminium gas bottle with handle (DOT and TC approved).



Gas accessories

CO₂ GAS REGULATOR

North American



Gas accessories
CO₂ REFILLING KIT

- 2x CGA320 North American fittings
- 2x Euro fittings
- 1x Euro and
- 1x North American fitting



Gas accessories SINGLE GAS BOTTLE ADAPTER

To convert your generator to a portable version using one 1.5 kg (3.3 lb) North American CO₂ gas bottle.
For: MAX 3000, ATMOSPHERE, ATMe, M3e, Me1 and Me2



Truss mount bracket SITTING TRUSS MOUNT BRACKET

For ATMe, ATMOSPHERE, Me1, Me2, M3e and MAX 3000



Truss mount bracket HANGING TRUSS MOUNT BRACKET

For ATMe, ATMOSPHERE, Me1, Me2, M3e and MAX 3000



FLIGHT CASE For Mini Max and Mega Max



FLIGHT CASE For ATMOSPHERE, ATMe, MAX series and Me series



theONE™ FLIGHT CASE



theONE™ TOURING CRADLE



theONE™ PROTECTIVE HOUSING High quality padded softcase



Low fog accessories D-VERTER

Pneumatic DMX multiple
input/output fog switcher



Low fog accessories ROUND FLOOR POCKET

Pneumatic DMX recessed. Fog conduit:
23 cm (9") for ICE FOG Q or
13 cm (5") with adaptor for ICE FOG Compack



Low fog accessories CONTROL BOX

Can control up to 6 Round Floor Pockets
simultaneously



Low fog accessories INSULATED FOG OUTPUT CONDUIT

7.62 m (25') long x 23 cm
(9") diameter for ICE FOG Q



Low fog accessories INSULATED FOG OUTPUT CONDUIT

7.62 m (25') long x 13 cm
(5") diameter
for ICE FOG Compack



NEW

Low fog accessories INSULATED INPUT HOSE

For low pressure refrigerated
liquid CO₂ available in any
length from 3 m (10')
to 9 m (30')



NEW

Low fog accessories INSULATED INPUT HOSE

For high pressure liquid CO₂
3 m (10') with gauge



Low fog accessories Y-SPLITTER

Input 23 cm (9")
2 outputs 13 cm (5")

NICEWORK.



MDGFOG.COM