

2019 Product Guide

Antari
FOG MACHINE

2019 Product Guide

Products are manufactured by Antari Lighting & Effects Ltd. : www.antari.com
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Antari
FOG MACHINE

2019 Product Guide

All of our effects are inspired by Mother Nature.
All of our machines are designed to respect her.

COMPANY PROFILE

Welcome to the future of Antari.

Antari is dedicated to manufacturing and providing the highest quality special effect products from its beginning in 1984.

As a sole professional special effect products manufacturer, Antari positions itself as a world class industry leader, listens to the global market needs, and combines many years of experience with its active research and development program to enable the continuous introduction of innovative products.

Continually developing new products to meet customers' expectations has been a long tradition at Antari, as well as the emphasis on developing products that meet important environmental concerns and energy saving criteria. Antari takes seriously our corporate social responsibility and strives to incorporate innovations that "add green" as well as commercial value to every Antari product.

Continuous innovation as well as taking green concepts into consideration are strong beliefs adhered by the entire Antari team.

On behalf of every member of the Antari Team, Mr. P.F. Hung, the CEO, sincerely expresses his gratitude to all business partners, distributors and friends who have been successful supporters throughout the years. Antari will remain focused on providing the highest possible quality and the most innovative designs as the engines of continued growth. High quality, pure fog will guarantee the best effects produced, the functionalities of your surrounding equipments, and most of all, user's health.

Our mission will be providing Total Effects Solution, specializing in Fog.

01 **NEW** **M-7X RGBA**
FOG MACHINE

03 **NEW** **DNG-250**
LOW FOG MACHINE

05 **FT Series**
FIRE TRAINING
FOG MACHINE



09 **F Series**
FAZER MACHINE



13 **IP Series**
RATED FOG
MACHINE



15 **M Series**
FOG MACHINE



19 **W Series**
WIRELESS CONTROL
MACHINE



27 **Z&Z-II**
Series
MACHINE



37 **Low Fog**
MACHINE



39 **Battery**
Operated
MACHINE



41 **HZ Series**
HAZER MACHINE



47 **S Series**
SNOW MACHINE



51 **B Series**
BUBBLE MACHINE



53 **LCU Series**
LIQUID CONTROL UNIT
MACHINE



57 **AF Series**
EFFECTS FAN
MACHINE



60 **Fluids**
ANTARI FOG FLUIDS

64 **Control**
Module

68 **Remotes**

70 **Accessories**
FightCase **71**

72 **DarkFX**
UV SERIES



95 **Watch**
LIMITED EDITION

97 **Specification Chart**



Neutrik TRUE 1 Connector

M-7X RGB Stage Fogger

The M-7X RGB is the upgraded version of M-7 RGB LED fog machine. With the improved heater, it can deliver more powerful, higher volume, and much quicker fog bursts.

Feature

- Neutrik TRUE 1 Connector
- RGB LEDs on board
- Optional Wireless DMX available
- New structure design for multiple angle rigging
- Auto sensing frequency
- Fluid tank compartment for ease of transportation
- Huge output volume with high pigments LED colors
- Great fit for stage purpose
- Generate fog at any orientation

Effects



Rigging



Two M30 Threads at the Bottom Allow Machine to be Rigged in Different Positions. Clamps are not Included

Generate fog at any orientation

INCLUDED



W-2 Wireless Remote

OPTIONAL



W-2 DMX PCB x 1

FLUID



FLC Super Light Fog Fluid

Specification

- Input voltage: US model : AC 100-120V, 50 / 60Hz 13A
EU model : AC 220-240V, 50 / 60Hz 6.5A
- Rated power: 1516W
- Light source: 22 x 3W LED (3 Red, 6 Green, 6 Blue, 3 Amber)
- Warm-up time: 7 minutes (approx.)
- Fluid consumption: 200 ml/min
- Fluid tank capacity: 2.4L (0.63gal)
- Compatible fluid: Antari FLC Super Light Fog Fluid
- Ambient temp. range: 0°C - 40 °C (32 °F - 104 °F)
- Output: 10 meters height
- Control: DMX512, Timer, Manual, Wireless, Master/Slave, Wireless DMX (Optional)
- DMX channels: 9 channels
- Connection: Neutrik TRUE 1 Connector (Power) XLR 3-pin and 5-pin (DMX)
- Optional accessories: WTR-90 Wireless DMX
- Dimension: L344 W193 H381 mm (L13.54 W7.60 H15 inch)
- Weight: 14 kg (30.8 lbs)

NEW LOW FOG GENERATOR



DNG-250 Low Fog Generator

Meet Antari's latest low-lying fog technology: DNG-250. Compare to its previous version DNG-200, the DNG-250 is upgraded to a more powerful heating element and more efficient refrigeration systems, which enables it to produce higher volume and even better low fog effects.

Specification

- Input voltage
- Refrigerant
- Start current
- Rated power
- Warm-up time
- Fluid consumption
- Fluid tank capacity
- Compatible fluid

EU model I AC 220-240V, 50 / 60Hz 3.8~6.5A
R-404A
340V / 36.1A
240V / 1600W
240V / 8 minutes (approx.)
150 ml / min (100% output)
10L (2.64gal)
Antari FLL-10 Low Fog Fluid

- Ambient Temp. range
- Output
- Control
- DMX channels
- Optional accessories
- Dimension
- Weight

0°C ~ -20°C (32°F ~ -68°F)
120 m³ / min
Volume and Timer Mode
DMX 512
1 Channel
DNG-250 Flightcase
1780 W 608 H 715 mm
130 Kg (285.60 lbs)

EFFECTS



FUNCTION



DFT Color Touch Panel

ACCESSORIES



FLL-10
Low Fog Effects Fluid

* Note: For best low fog effect, use Antari FLL low fog fluid.

FT-20



FT-20 DC 12V Battery-operated Portable Fog Machine

Easy Use, Easy Go!

FT-20 is a battery-operated portable fog machine, capable of providing long time operations with massive fog output.

Feature

- Two power supplying modes available: DC 12 volt battery or switching power adaptor, which enables the machine to be operated in AC power environment. (between AC 100 and 240 volt)
- * Switching power adaptor is an optional accessory.**
- No preheat or reheat time is needed: push the button, consistent fog output can be generated right away.
- In the battery mode, the machine can produce approximately 11 minutes continuous fog output.
- In the switching power supply mode, fog output can keep going, NON-stop, as long as there are fog liquid in the tank.
- Rotary knob allows users to set the fog output volume.
- Optional remote controller with on/off and fog volume adjustment function.
- DMX control access.

Specification

- Input voltage: DC 12V (Battery)
AC 100-240V, 50-60Hz (Battery charger)
- Rated power: 600W
- Warm-up time: 1 second (approx.)
- Fluid consumption: 16 ml/min
- Fluid tank capacity: 0.4L (0.11gal)
- Compatible fluid: Antari FLM Fog Fluid
- Ambient temp. range: 0 °C - 40 °C (32 °F - 104 °F)
- Control: DMX512, Manual, Wireless (Optional), Cable Remote (Optional)
- DMX channels: 1 channel
- Connection: XLR 3-pin (DMX)
- Optional accessories: WTR-20 Wireless Remote, Z-3 Cable Remote, FT-205 Power Base
- Dimension: L293 W108 H238 mm (L11.54 W4.25 H9.37 inch)
- Weight: 8.5 kg (18.74 lbs)

FT-20 KIT

- FT-20 Machine
- FT-20 Charger
- FLM Fog Fluid



FT-50/FT-55 Pumpless Off-Mains Capable Fog Machine

FT-50 is a compact, light-weight fog machine with tremendous output volume compare to others in its class. Off power operation feature offers fire brigade mobility to move around and fill fog in training scene.

Feature

- Newly designed heater block better preserve the heat to increase operation time when off power. Simple operation with a handle-mounted button, output volume can be adjusted through knob on the back panel.
- Design for fire brigade training and applications require portability.
- Handle-mounted button for operation
- Adjustable output volume
- Compact, light weight
- Produce fog off power

FT-50 Specification

- Input voltage: US model : AC 100-120V, 50 / 60Hz 15A
EU model : AC 220-240V, 50 / 60Hz 8A
- Rated power: 1450W
- Warm-up time: 7.5 minutes (approx.)
- Fluid consumption: 110 ml/min
- Compatible fluid: Antari FLP-700 Aerosol
- Ambient temp. range: 0 °C - 40 °C (32 °F - 104 °F)
- Output: 20,000 ft³/min (566 m³/min)
- Control: Manual
- Connection: IEC (Power)
- Dimension: L346 W152 H251 mm (L13.62 W5.98 H9.88 inch)
- Weight: 9.8 kg (21.61 lbs)

FT-55 Specification

- Optional accessories: FCR-1 Wireless Remote
- Dimension: L346 W152 H251 mm (L13.62 W5.98 H9.88 inch)
- Weight: 10.2 kg (22.49 lbs)

FT-55 Wireless control function is only available when FT-55 machine is connected to AC main power.

FT-55 is the upgraded version of FT-50. It carries both wired remote and optional wireless remote.

FT-50



EFFECTS 	FUNCTION 	ACCESSORIES
FT-50		
FUNCTION 	INCLUDED 	OPTIONAL
FT-55		

EFFECTS 	FUNCTION 	OPTIONAL
FT-20		
ACCESSORIES 	OPTIONAL 	OPTIONAL
FT-20		

FT-100



FT-100 Fire Training Fog Machine

FT-100 is the first fog machine from Antari specifically designed for fire training purpose.

Feature

- Two rotary knobs and a LCD screen are equipped on FT-100. These allow users to set and control fog output volume and timer settings with ease, even when wearing heavy-duty gloves.
- A 1500 Watt heater block is capable of generating high volume thick fog in short time to simulate dense fog at fires.
- A wireless remote controller included.
- The red paint finish gives FT-100 the identity of being part of fire industry.

Specification

- Input voltage
 - US model : AC 100-120V, 50 / 60Hz 12.5A
 - EU model : AC 220-240V, 50 / 60Hz 6.3A
- Rated power 1450W
- Warm-up time 8.5 minutes (approx.)
- Fluid consumption 100 ml/min
- Fluid tank capacity 6L (1.59gal)
- Compatible fluid Antari FLP Fire Training Fog Fluid
- Ambient temp. range 0 °C - 40 °C (32 °F-104 °F)
- Output 20,000 ft³/min (566 m³/min)
- Control DMX512, Timer, Manual, Wireless
- DMX channels 1 channel
- Connection Neutrik Powercon (Power)
- Optional accessories XLR 5-pin (DMX)
- Dimension L580 W278 H264 mm (L22.83 W10.94 H10.39 inch)
- Weight 14.6 kg (32.19 lbs)

FT-200 Fire Training Fog Machine

Antari, a world renowned leader in entertainment atmospheric effects continues its expansion into fire and rescue training with the introduction of the all new FT-200.

Built on the success of Antari's first smoke generator developed exclusively for fire and rescue training, the popular FT-100, the new FT-200 introduces new technologies to offer one of the worlds most rugged and advanced smoke generators for fire and rescue training.

Feature

- All new advanced steel heater block that doubles the flow rate of the FT-100, essentially increasing output by 200%.
- IP rated case design that allows the FT-200 to be used outdoor.
- Sleek and compact casing design with a heavy-duty handle allows the unit to be easily transported and stored.
- Capable of multi-position operation allowing the unit to generate smoke in either a vertical or horizontal position.
- Built-in electronic timer for hands free operation.

IMPORTANT It is IP rated, only when it is operated upright (vertical position).

Specification

- Input voltage
 - US model : AC 100-120V, 50 / 60Hz 13.5A
 - EU model : AC 220-240V, 50 / 60Hz 7A
- Rated power 1600W
- Warm-up time 10 minutes (approx.)
- Fluid consumption 270 ml/min
- Fluid tank capacity 2.4L (0.63gal)
- Compatible fluid Antari FLP Fire Training Fog Fluid
- Ambient temp. range 0 °C - 40 °C (32 °F-104 °F)
- Output 8 meters height
- Control DMX512, Timer, Manual, Wireless
- DMX channels 1 channel
- Connection Neutrik Powercon (Power)
- Optional accessories XLR 5-pin (DMX)
- Dimension L301 W194 H414 mm (L11.85 W7.64 H16.30 inch)
- Weight 16 kg (35.27 lbs)

FT-200



Patent No. (TAIWAN)
537058



F-1 FAZER



Patent No. (TAIWAN) 518188 D157441 S37051

EFFECTS & FUNCTION



ACCESSORIES



W-DMX-PCBR x 1
W-DMX x 1
WTR-10 x 1
W-1 Receiver x 1



WTR-40 x 1
W-DMX x 1
W-DMX-FLG x 1
FLG Heavy Fog Fluid

F-1 Fazer



A complete make-over of F-1, we proudly present you F-1 Fazer equip with new technology and features from the F-4 series family.

The air pump system enhance and smooth the mixture of fog, liquid and air to produce fine, dry fog with minimal fluid consumption. Also enable the machine with self-cleaning function to extend the lifespan of heater elements. Smart auto sensing frequency feature allow the machine to self adjust to the load frequency without the need to change any setting.

Feature

- 3 DMX Control Mode
 - a. Fog volume with timer 100%
 - b. Fog and fan volume control
 - c. Fog and fan sync mode
- Larger tube diameter
- Built-in air pump with self-cleaning function
- The stability in all details while the maturity reaches perfection
- Highest fog quality: dry and pure

Specification

- Input voltage
 - US model: AC 100-120V, 50 / 60Hz 5.8A
 - EU model: AC 220-240V, 50 / 60Hz 3.5A
- Rated power
 - 760W
- Warm-up time
 - 4.5 minutes (approx.)
- Fluid consumption
 - 8.5 ml/min
- Fluid tank capacity
 - 2.4L (0.63gal)
- Compatible fluid
 - Antan FLG-SE Heavy Fog Fluid
- Operating time
 - 4.5 hrs at max. output
- Ambient temp. range
 - 0 °C - 40 °C (32 °F-104 °F)
- Output
 - 6200 ft³/min (176 m³/min)
- Control
 - DMX512, Timer, Manual, Wireless (Optional)
- DMX channels
 - 2 channels
- Connection
 - Neutrik Powercon (Power)
 - XLR 3-pin and 5-pin (DMX)
- Optional accessories
 - W-DMX-PCBR Wireless DMX
 - WTR-10 Wireless Remote Set
 - WTR-40 Wireless DMX and W-1 Transmitter
- Dimension
 - L618 W275 H327 mm
 - (L24.33 W10.83 H12.87 inch)
- Weight
 - 14.1 kg (31.09 lbs)

F-4 Fazer



F-4 the fazer is with only 1 minutes first heat-up time which makes practically no waiting before using.

The large heater tube reduces remarkably the chance of heater clog. The quick connecting design between the fluid tube and the tank saves time while changing the fluid tank.

The most splendid feature of F-4 is that now it can be controlled with multiple languages! It is always our goal to make our products as user-friendly as possible to every user around the world.

Specification

- Input voltage
 - US model: AC 100-120V, 50 / 60Hz 12.5A
 - EU model: AC 220-240V, 50 / 60Hz 6.3A
- Rated power
 - 1450W
- Warm-up time
 - 1 minutes (approx.)
- Fluid consumption
 - 6.7 ml/min
- Fluid tank capacity
 - 5L (1.32gal)
- Compatible fluid
 - Antan FLG-SE Heavy Fog Fluid
- Operating time
 - 12 hrs at max. output
- Ambient temp. range
 - 0 °C - 40 °C (32 °F-104 °F)
- Output
 - 5,000 ft³/min (142 m³/min)
- Control
 - DMX512, Timer, Manual, Wireless DMX (Optional)
- DMX channels
 - 2 channels
- Connection
 - XLR 3-pin and 5-pin (DMX)
- Dimension
 - L545 W458 H285 mm
 - (L21.46 W18.03 H11.22 inch)
- Weight
 - 20.3 kg (44.75 lbs)

F-4 FAZER



EFFECTS & FUNCTION



ACCESSORIES



W-DMX-PCBR x 1
W-DMX x 1
FLG-SE Heavy Fog Fluid



F-7 Smaze

Designed for large venue, the F-7 Smaze machine offers the all-in-one solution for your needs.

With its switchable Fog and Faze mode, the machine is capable produces strong powerful fog or thin layer of haze to fill up the venue in mins.

Equip with self-cleaning fan technology enabling self-cleaning feature also produce fine dry fog. The built-in adjustable fan allows you to direct the fog where.

Versatile control system includes Wireless DMX and stand alone to meet any control needs. Also fold into a road case make this tour ready unit to be transportable.

Feature

- All in one fog and faze machine, switch between fog and faze effect
- Four mode output range
- Built-in high velocity fan with adjustable output angle
- Self-cleaning fan motor
- Built-in Wireless DMX
- 3 channel DMX control (Fog/Faze Mode, volume, Fan volume)
- Auto-sensing frequency

Specification

- Input voltage	US model : AC 100-120V, 50 / 60Hz 13.5A EU model : AC 220-240V, 50 / 60Hz 7A
- Rated power	1620W
- Warm-up time	8 minutes (approx.)
- Fluid consumption	Fog mode: 140 ml/min Faze mode: 28ml/min
- Fluid tank capacity	5L (1.32gal)
- Compatible fluid	Antari FLG-5E Heavy Fog Fluid
- Operating time	Faze mode: 2.8 hrs at max. output
- Ambient temp. range	0°C - 40 °C (32 °F-104 °F)
- Output	Fog mode: 23,000 ft ³ /min (651 m ³ /min) Faze mode: 6,000 ft ³ /min (170 m ³ /min)
- Control	DMX512, Timer, Manual, Wireless DMX
- DMX channels	3 channels
- Connection	Neutrik Powercon (Power) XLR 3-pin and 5-pin (DMX)
- Dimension	L728 W428 H719 mm (L28.66 W16.85 H28.31 inch)
- Weight	52.5 kg (115.74 lbs)

Fog Effects



Full swing



Fan at 45° position



Fan at 50° position



Fan at 45° position



Fan at 50° position

FUNCTION



Multi-angle fan
9 Positions are available



Digital Control Panel &
Plug-In for Fluid Reservoir



FLG-5E Heavy Fog Fluid

Antari
IP-1000



Patent No. (TAIWAN) M400357 D142035

IP-1000 IP-Rated Fog Machine IP63

This brand-new IP-1000 has been a break through from the past models that are only limited in indoor usage. 1000W fog machine featuring a sleek stainless exterior that renders this powerful fog machine impervious to both dust and water spray. This new IP-63 rated model represents both a technical and aesthetic advancement, melding an appealing fresh form and groundbreaking practical functionality in a new unit suitable for a wide range of club, installation, retail and leisure applications and beyond. Combining the solid performance for which Antari fog machines are known with leading edge enhancements, the IP-1000 spray-proof fog machine is an exciting addition to the Antari line.

Feature

- Stainless steel case makes it perfect for operating in outdoor with damp condition.
- Typical Antari quality heat exchanger generates pure and dry fog.
- To give you the flexibility of installation and maximize the duration of continuous operation, IP-1000 does not come with an attached fog fluid tank. With a 10 meter long fog fluid tube coming along with IP-1000, you can deploy your fluid tank at any place where is most convenient for you. You can also use a huge fog fluid tank (not included with the original package) to enable your expected continues operation time.

Specification

- Input voltage
- Rated power
- Warm-up time
- Fluid consumption
- Compatible fluid

- Ambient temp. range
- Output
- Control
- Dimension

- Weight

US model : AC 100-120V, 50 / 60Hz 8.6A
EU model : AC 220-240V, 50 / 60Hz 4.3A
1000W
11.5 minutes (approx.)
90 ml/min
Antari FLG Heavy Fog Fluid
Antari FLR Light Fog Fluid
0 °C - 40 °C (32 °F-104 °F)
15,000 ft³/min (425 m³/min)
Manual
L355 W249 H203 mm
(L13.98 W9.80 H7.99 inch)
8.8 kg (19.40 lbs)

Antari
IP-1500



Patent No. (TAIWAN) M400357 D142035

IP-1500 IP-Rated Fog Machine IP63

The IP-1500 is Antari's newest waterproof fog machine, incorporating an innovative new design that earns it an IP-63 rating. Whether indoor or outside, the new IP-1500 delivers massive fog output with its state-of-the-art design and 1500 watts of power.

Included in that design is an extremely precise temperature control system, highly efficient heat conservation system.

When using the IP-1500 outdoors, even when raining, it is capable of detecting the ambient temperature and adjusting its operating parameters accordingly. Of course, both DMX and wireless remote options also come standard with this professional machine.

The new IP-1500 was designed with efficiency in mind and achieves 13% less electricity consumption than other foggers in its size class, making it the greenest choice.

Specification

- Input voltage
- Rated power
- Warm-up time
- Fluid consumption
- Compatible fluid

- Ambient temp. range
- Output
- Control
- DMX channels
- Connection
- Dimension

- Weight

US model : AC 100-120V, 50 / 60Hz 13A
EU model : AC 220-240V, 50 / 60Hz 6.5A
1500W
9 minutes (approx.)
100 ml/min
Antari FLG Heavy Fog Fluid
Antari FLR Light Fog Fluid
0 °C - 40 °C (32 °F-104 °F)
20,000 ft³/min (566 m³/min)
DMX512, Timer, Manual, Wireless
1 channel
XLR 5-pin (DMX)
L465 W222 H250 mm
(L18.31 W8.74 H9.84 inch)
13.5 kg (29.76 lbs)



Patent No. (CHINA) ZL201210471043.X ZL201220615399.0
(TAIWAN) M448321 537058



M-4 Stage Fogger



The mechanical design of M-4 is simply perfect for transporting as the fluid tank is kept in the separate compartment inside the machine.

Built-in wireless DMX make it complete wire free to save the hassle of cables. With the update auto sensing frequency, enables the machine to automatically adjust its frequency to give best performance.

Feature

- Optional W-DMX or Wireless Remote available
- New structure design for multiple angle rigging
- Auto sensing frequency
- Fluid tank compartment for ease of transportation
- Solid sturdy structure of machine body convenient for transportation
- Huge output volume
- Great fit for any renting purposes
- **Generate fog at any orientation**

Specification

- Input voltage: US model : AC 100-120V, 50 / 60Hz 12.5A
EU model : AC 220-240V, 50 / 60Hz 6.3A
- Rated power: 1450W
- Warm-up time: 5 minutes (approx.)
- Fluid consumption: 120 ml/min
- Fluid tank capacity: 2.4L (0.63gal)
- Compatible fluid: Antari FLC Super Light Fog Fluid
- Ambient temp. range: 0 °C - 40 °C (32 °F-104 °F)
- Output: 6 meters height
- Control: DMX512, Timer, Manual, Wireless (Optional)
- DMX channels: 1 channel
- Connection: Wireless DMX (Optional)
- Optional accessories: Neutrik Powercon (Power) XLR 3-pin and 5-pin (DMX) W-DMX-PCBR Wireless DMX WTR-30 Wireless Remote WTR-100 Wireless DMX
- Dimension: L344 W193 H381 mm (L13.54 W7.60 H15 inch)
- Weight: 11 kg (24.25 lbs)

M-8 Stage Fog Machine

M-8 is the new member of Antari M Series. It is also the first 1700 Watt fog machine from Antari.

Besides the heritage of tough structure and built-in DMX from Antari M-Series, the most marvelous feature is the speedy and massive fog output provided by the high pressure heat exchanger, which can satisfy rigorous demands of professional stage and touring use.

Specification

- Input voltage: US model : AC 100-120V, 50 / 60Hz 16.2A
EU model : AC 220-240V, 50 / 60Hz 7.4A
- Rated power: 1700W
- Warm-up time: 9.5 minutes (approx.)
- Fluid consumption: 260 ml/min
- Fluid tank capacity: 10L (2.64gal)
- Compatible fluid: Antari FLC-10 Heavy Fog Fluid Antari FLR-10 Light Fog Fluid
- Ambient temp. range: 0 °C - 40 °C (32 °F-104 °F)
- Output: 50,000 ft³/min (1416 m³/min)
- Control: DMX512, Timer, Manual, Wireless (Optional)
- DMX channels: 1 channel
- Connection: Neutrik Powercon (Power) XLR 3-pin and 5-pin (DMX) M-31 Wireless Control Module FX-5 Flightcase
- Optional accessories: M-5-HB Hanging Bracket
- Dimension: L690 W320 H298 mm (L27.17 W12.60 H11.73 inch)
- Weight: 22 kg (48.50 lbs)



Patent No. (TAIWAN) 363449 093885 0155178





M-5 & M-10 Stage Fog Machine

This high performance heavy-duty M-5 & M-10 Stage Fog Machine from Antari are uniquely designed to meet the rigorous demands of stage and touring use: a high-capacity 10 liter tank offers long time operation. A rectangular, durable sleek housing design makes the Antari M-Series Stage Fog Machine easy to carry and be able to stand with tough road transport (Anti-shock) where custom flightcases come optional for your application. Due to its enhanced heat reservation structure, it reduces electricity consumption for about 20 ~ 25% yet producing more powerful fog.

They will stand the rigors of professional use as well as protection against unexpected water spills and changing weather conditions. There are 2 professional choices M-5 (1500W) and M-10 (3000W). They have DMX on-board and can be controlled remotely with a digital M-20 LCD display module, enabling convenient remote operation. DMX connection can be worked by either 3 or 5 pin connector. The Antari M-Series Stage Fogger are ideal for large concerts, movie production, fire training purpose and especially for touring applications, as well as any venue where ultimate performance, ease of use and dependability are specified. It is the most powerful single heater-block fog machine available on the market.



M-5 Specification

- Input voltage	US model : AC 100-120V, 50 / 60Hz 12.5A EU model : AC 220-240V, 50 / 60Hz 5.6A
- Rated power	1500W
- Warm-up time	8 minutes (approx.)
- Fluid consumption	160 ml/min
- Fluid tank capacity	10L (2.64gal)
- Compatible fluid	Antari FLR-10 Heavy Fog Fluid Antari FLR-10 Light Fog Fluid
- Ambient temp. range	0°C - 40 °C (32°F-104 °F)
- Output	25,000 ft ³ /min (708 m ³ /min)
- Control	DMXS12, Timer, Manual, Wireless (Optional)
- DMX channels	1 channel
- Connection	Neutrik Powercon (Power) XLR 3-pin and 5-pin (DMX) M-30 Pro Wireless Control Module
- Optional accessories	FX-5 Flightcase M-5-HB Hanging Bracket L668 W320 H276 mm (L26.30 W12.60 H10.87 inch)
- Dimension	15.5 kg (34.17 lbs)
- Weight	

M-10 Specification

- Input voltage	EU model : AC 220-240V, 50 / 60Hz 13A
- Rated power	3000W
- Warm-up time	9.5 minutes (approx.)
- Fluid consumption	250 ml/min
- Fluid tank capacity	10L (2.64gal)
- Compatible fluid	Antari FLR-10 Heavy Fog Fluid Antari FLR-10 Light Fog Fluid
- Ambient temp. range	0 °C - 40 °C (32 °F-104 °F)
- Output	50,000 ft ³ /min (1416 m ³ /min)
- Control	DMXS12, Timer, Manual, Wireless (Optional)
- DMX channels	1 channel
- Connection	Neutrik Powercon (Power) XLR 3-pin and 5-pin (DMX) M-30 Pro Wireless Control Module
- Optional accessories	FX-5 Flightcase L690 W320 H298 mm (L27.17 W12.60 H11.73 inch)
- Dimension	21 kg (46.30 lbs)
- Weight	

W-101 Bubble

Easy. Simple. In control.
Made to be free.



W-101 Wireless Control Bubble Machine

The cutting-edge wireless control system gives Antari W-101 bubble machine a simple setting and operation interface. It brings users to a professional scene in an easier method.

Features

- **Intelligent Wireless Control System**
Each W-101 bubble machine comes with a set of wireless receiver and transmitter as standard controller. The working distance of wireless control is 50 meters in open area.
- **Texture-like Painting Finish**
Though most of the time, bubble machines are served as supportive character at the corner of stage, W-101 bubble machine is now given extraordinary elegant finish as a star!

Specification

- Input voltage	US model : AC 100-120V, 50 / 60Hz 0.25A EU model : AC 220-240V, 50 / 60Hz 0.13A
- Rated power	30W
- Fluid consumption	8.3 ml/min
- Fluid tank capacity	0.7L (0.18gal)
- Compatible fluid	Antari BL Bubble Fluid
- Operating time	1.4 hrs at max. output
- Ambient temp. range	5 °C - 40 °C (41°F-104 °F)
- Control	Manual, Wireless
- Dimension	L350 W170 H217 mm (L13.78 W6.69 H8.54 inch)
- Weight	4.8 kg (10.58 lbs)





Easy. Simple. In control.
Made to be free.

W-508 & W-510 Wireless Control Fog Machine

The cutting-edge wireless control system gives Antari W series a simple setting and operation interface. Additionally, the state-of-the-art heater design upgrades the W Series fog machines to a higher level in terms of good quality fog and energy efficiency. In conclusion, Antari W Series bring users to a professional scene in an easier method.

Features

- **Intelligent Wireless Control System**
Each machine comes with a set of wireless receiver and transmitter as standard controller. The working distance of wireless control is 50 meters in open area.
- **Opto-electronic Fluid Sensor**
When the fluid recipient runs dry, the fluid sensor stops pumping automatically to protect pump from burning.
- **More Efficient New Heat Exchanger Design**
It can generate finer fog with smaller particles. This leads to a fairly low fog fluid consumption. Compare to the equivalent power consumption heat exchangers, the same quantity of fog fluid in W series can produce 20% more fog than others.
- **New Advanced PCB (Printed Circuit Board) Design**
The new system can control temperature precisely and rule out the influence from outside environments as much as possible to make W series fog machines be able to work stably between -20 and +60 degree Celsius.

W-508 & W-510



INCLUDED



W-3 Wireless Transmitter

W-510-HB for W-510

FLR-5 Light Fog Fluid
FLG-6 Heavy Fog Fluid

W-508 Specification

- Input voltage	US model : AC 100-120V, 50 / 60Hz 6.7A EU model : AC 220-240V, 50 / 60Hz 3.5A
- Rated power	800W
- Warm-up time	2 minutes (approx.)
- Fluid consumption	13 ml/min
- Fluid tank capacity	0.8L (0.21gal)
- Compatible fluid	Antari FLG Heavy Fog Fluid Antari FLR Light Fog Fluid
- Operating time	60 mins at max. output
- Ambient temp. range	0°C - 40°C (32°F - 104°F)
- Output	3,000 ft³/min (85 m³/min)
- Control	Manual, Wireless
- Dimension	L315 W128 H218 mm (L12.40 W5.04 H8.58 inch)
- Weight	3.8 kg (8.38 lbs)

W-510 Specification

- Input voltage	US model : AC 100-120V, 50 / 60Hz 8.5A EU model : AC 220-240V, 50 / 60Hz 4.25A
- Rated power	1000W
- Warm-up time	13 minutes (approx.)
- Fluid consumption	90 ml/min
- Fluid tank capacity	2.8L (0.74gal)
- Compatible fluid	Antari FLG Heavy Fog Fluid Antari FLR Light Fog Fluid
- Ambient temp. range	0°C - 40°C (32°F - 104°F)
- Output	15,000 ft³/min (425 m³/min)
- Control	DMX512, Wireless
- DMX channels	1 channel
- Connection	XLR 3-pin (DMX)
- Optional accessories	W-510-HB Hanging Bracket
- Dimension	L487 W250 H223 mm (L19.17 W9.84 H8.78 inch)
- Weight	11.4 kg (25.13 lbs)

Easy. Simple. In control.
Made to be free.



W-515D & W-530D Wireless Control Fog Machine

The cutting-edge wireless control system gives Antari W series a simple setting and operation interface. Additionally, the state-of-the-art heater design upgrades the W Series fog machines to a higher level in terms of good quality fog and energy efficiency. In conclusion, Antari W Series bring users to a professional scene in an easier method.

Features

- **Intelligent Wireless Control System**
Each machine comes with a set of wireless receiver and transmitter as standard controller. The working distance of wireless control is 50 meters in open area.
- **Opto-electronic Fluid Sensor**
When the fluid recipient runs dry, the fluid sensor stops pumping automatically to protect pump from burning.
- **More Efficient New Heat Exchanger Design**
It can generate drier fog with smaller particles. This leads to a fairly low fog fluid consumption. Compare to the equivalent power consumption heat exchangers, the same quantity of fog fluid in W series can produce 20% more fog than others.
- **New Advanced PCB (Printed Circuit Board) Design**
The new system can control temperature precisely and rule out the influence from outside environments as much as possible to make W series fog machines be able to work stably between -20 and +60 degree Celsius.

EFFECTS & FUNCTION



Control Panel

Neutrik PowerCON

ACCESSORIES

INCLUDED



W-3 Wireless Transmitter

OPTIONAL



W-515D-HB for W-515D and W-530D

FLUID



FX-5 Flightcase

FLUID



FLG-6 Light Fog Fluid
FLG-6 Heavy Fog Fluid

W-515D Specification

Input voltage	US model : AC 100-120V, 50 / 60Hz 12.5A EU model : AC 220-240V, 50 / 60Hz 6.3A
Rated power	1450W
Warm-up time	10 minutes (approx.)
Fluid consumption	100 ml/min
Fluid tank capacity	6L (1.59gal)
Compatible fluid	Antari FLG Heavy Fog Fluid Antari FLR Light Fog Fluid
Ambient temp. range	0°C - 40 °C (32°F-104 °F)
Output	20,000 ft ³ /min (566 m ³ /min)
Control	DMX512, Timer, Manual, Wireless, Wireless DMX
DMX channels	1 channel
Connection	Neutrik Powercon (Power)
Optional accessories	XLR 3-pin and 5-pin (DMX) FX-5 Flightcase W-515-HB Hanging Bracket LS61 W278 H265 mm (L22.09 W10.94 H10.43 inch)
Dimension	
Weight	14.5 kg (31.97 lbs)

W-530D Specification

Input voltage	EU model : AC 220-240V, 50 / 60Hz 11A
Rated power	2500W
Warm-up time	12 minutes (approx.)
Fluid consumption	160 ml/min
Fluid tank capacity	6L (1.59gal)
Compatible fluid	Antari FLG Heavy Fog Fluid Antari FLR Light Fog Fluid
Ambient temp. range	0 °C - 40 °C (32 °F-104 °F)
Output	40,000 ft ³ /min (1133 m ³ /min)
Control	DMX512, Timer, Manual, Wireless, Wireless DMX
DMX channels	1 channel
Connection	Neutrik Powercon (Power)
Optional accessories	XLR 3-pin and 5-pin (DMX) FX-5 Flightcase W-515-HB Hanging Bracket LS81 W278 H265 mm (L22.87 W10.94 H10.43 inch)
Dimension	
Weight	19.1 kg (42.11 lbs)



Redefine Fog Jet Effect,
Feel the Power



W-715 Fog Jet

Antari W-715 fog machine provides powerful fog plume effect.

The new heating system provides a remarkable output of 20 seconds burst, increase in heat preservation to reduce re-heat time. Newly designed fluid piping system removes the remaining fluid to provide clear burst without excess fog.

FLC water based fluid is specially designed for the job, makes the effect more perfect and precise with a fast-dissipating formula.

2 Second Jet Mode enables quick effect at a touch of button, with advanced LCD control panel, W-1 wireless control system and DMX 512 onboard provides versatile and flexible ways of control.



Specification

- Input voltage	US model : AC 100-120V, 50 / 60Hz 13.6A EU model : AC 220-240V, 50 / 60Hz 6.8A
- Rated power	1600W
- Warm-up time	7.5 minutes (approx.)
- Fluid consumption	300 ml/min
- Fluid tank capacity	2.4L (0.63gal)
- Compatible fluid	Antari FLC Super Light Fog Fluid
- Ambient temp. range	0 °C - 40 °C (32 °F-104 °F)
- Output	8 meters height
- Control	DMX512, Timer, Manual, Wireless
- DMX channels	1 channel
- Connection	Neutrik Powercon (Power) XLR 3-pin and 5-pin (DMX)
- Optional accessories	FX-4 Flightcase
- Dimension	L448 W295 H210 mm (L17.64 W11.61 H8.27 inch)
- Weight	15.5 kg (34.17 lbs)



Patent No.
[USA] D689,318 [CHINA] ZL201220637038.8
[EUR] 002181610-0001 [TAIWAN] 0156272

EFFECTS & FUNCTION



Effect



Rear Panel

OPTIONAL



Z-3 Cable Remote



FX-4 Flightcase

FLUID



FLG Heavy Fog Fluid

Z-350 Fazer

The Z-350 is the latest creation from Antari stemming from years of experience in Fazer development.

The adoption of the air pump technology not only enables the Z-350 to generate dry haze but also provides its heater with a self-cleaning function. The Z-350 comes with a larger tube, which substantially reduces the risk of heater clogging.

An extremely low fluid consumption rate grants a full tank (1.3 liters) of the Z-350 to produce more than 7 hours of non-stop hazing at maximum output.

The new DMX feature offer user intelligent control on Z-350 in an energy saving way. When a DMX signal is received, the machine powers up and starts heating up automatically. When the DMX signal is off, it automatically begins the self-cleaning process and then goes into "Sleep" mode.

The machine weighs only 8.5 kg. Being so light and compact allows the Z-350 to be transported and setup anywhere - whenever needed.

Specification

- Input voltage
US model : AC 100-120V, 50 / 60Hz 6.3A
EU model : AC 220-240V, 50 / 60Hz 3.15A
- Rated power
730W
- Warm-up time
4.5 minutes (approx.)
- Fluid consumption
3 ml/min
- Fluid tank capacity
1.3L (0.34gal)
- Compatible fluid
Antari FLG Heavy Fog Fluid
- Operating time
7 hrs at max. output
- Ambient temp. range
0 °C - 40 °C (32 °F-104 °F)
- Output
3000 ft³/min (85 m³/min)
- Control
DMX512, Manual,
- DMX channels
2 channels
- Connection
IEC (Power)
- Optional accessories
XLR 3-pin (DMX)
Z-3 Cable Remote
FX-4 Flightcase
- Dimension
L320 W153 H391 mm
(L12.60 W6.02 H15.39 inch)
- Weight
8.5 kg (18.74 lbs)

Z-380 Fazer

After a hectic day of work, you just want to get together with friends for a drink. Imagining the romantic feel created by gentle lighting shoot through the fog that relax you in total...

For the past 30 years, Antari fog machines have been presented in numberless international large scale events, and satisfied most of the high standard professional user's demands in machine stability and effects.

Now, the new challenge to meet the new trend of fog machine for commercial purpose, Antari has developed a new Z-380 model. The design of this new fog machine based on previous models for professional users, but practically in a broader application for general commercial purposes.

Features

- Compact and powerful
- 3 and 5 pin DMX connector
- DMX offline auto power off
- User friendly LCD control panel
- Hinging bracket for ease of installation
- Large tube and auto cleaning function extend lifespan of heater unit
- Linear fan volume adjustment
- 0-10V control

Specification

- Input voltage
US model : AC 100-120V, 50 / 60Hz 8.5A
EU model : AC 220-240V, 50 / 60Hz 6.5A
- Rated power
1000W (120V)
1500W (240V)
- Warm-up time
1.5 minutes (approx.)
- Fluid consumption
6 ml/min
- Fluid tank capacity
1.2L (0.32gal)
- Compatible fluid
Antari FLG-1E Heavy Fog Fluid
- Operating time
3 hrs at max. output
- Ambient temp. range
0 °C - 40 °C (32 °F-104 °F)
- Output
6000 ft³/min (170 m³/min)
- Control
DMX512, Manual, Timer
Wireless (Optional)
- DMX channels
2 channels
- Connection
IEC (Power)
XLR 3-pin and 5-pin (DMX)
- Optional accessories
Z-3 Cable Remote
WTR-20 Wireless Remote
- Dimension
L328 W248 H265 mm
(L12.91 W9.76 H10.43 inch)
- Weight
8.3 kg (18.30 lbs)



EFFECTS & FUNCTION



Effect



Rear Panel

OPTIONAL



Z-3 Cable Remote

WTR-20



WTR-20 Wireless Remote

FLUID



FLG-1E Heavy Fog Fluid



Z-1520 RGB Two-Way Fog Machine

Want to add colors to your fog effects?

Not a problem! Let Antari Z-1520 RGB fulfill your dreams. With additional 22 RGB bright LED to shine the fog output produced by Antari Z-1520, the evolutionary successor of well-known Z-1020.

One machine can satisfy desires for both spectacular fog and lighting effects at the same time.

Specification

- | | |
|------------------------|---|
| - Input voltage | US model : AC 100-120V, 50 / 60Hz 13A
EU model : AC 220-240V, 50 / 60Hz 6.5A |
| - Rated power | 1516W |
| - Light source | 22 x 3W LED (8 Red, 7 Green, 7 Blue) |
| - Warm-up time | 5 minutes (approx.) |
| - Fluid consumption | 150 ml/min |
| - Fluid tank capacity | 2.4L (0.63gal) |
| - Compatible fluid | Antari FLC Super Light Fog Fluid |
| - Ambient temp. range | 0°C - 40 °C (32 °F-104 °F) |
| - Output | 6 meters height |
| - Control | DMX512, Timer, Manual, Master/Slave, Wireless |
| - DMX channels | 8 channels |
| - Connection | Neutrik Powercon (Power) |
| - Optional accessories | XLR 3-pin and 5-pin (DMX)
FX-4 Flightcase |
| - Dimension | L418 W295 H216 mm
(16.46 W11.61 H8.77 inch) |
| - Weight | 10.4 kg (22.93 lbs) |



Horizontal Output



Vertical Output

22 x 3W LED (8R, 7G, 7B)



W-2 Wireless Transmitter

FX-4 Flightcase

FLC Super Light Fog Fluid



Patent No. (CHINA) ZL200530066269.1

EFFECTS & FUNCTION



Effect Rear Panel Manual ON/OFF Button

OPTIONAL



FLR Light Fog Fluid
FLG Heavy Fog Fluid

Z-800II Mobility and Portability Fog Machine

Z-800II, a cutting-edge technology designed by Antari is aimed to meet the demands of mobility and portability. An ideal machine for easy operation that is perfect for smaller venues and DJs.

The Z-800II, whether controlled via wireless, timer or in stand-alone mode, features rock-steady continuous output. Z-800II can undertake a fast warm-up time less than 120 seconds and produces a steady, constant fog as long as you need without any reheating time in between.

This machine encompasses all technical aspects with per excellence performance and workmanship design. With its high efficient power control system, it now allows the fogger to operate at low-level temperature resulting in 20% less electricity than its previous model.

Z-800II sets the standard in mobility/portability fog machine range presented by Antari. Apparently a user-friendly device and a remarkable fog machine perfect for clubs, discotheques and small venues.

Specification

- Input voltage: US model : AC 100-120V, 50 / 60Hz 6.7A
EU model : AC 220-240V, 50 / 60Hz 3.5A
- Rated power: 800W
- Warm-up time: 2 minutes (approx.)
- Fluid consumption: 13 ml/min
- Fluid tank capacity: 0.8L (0.21gal)
- Compatible fluid: Antari FLG Heavy Fog Fluid
Antari FLR Light Fog Fluid
- Operating time: 60 mins at max. output
- Ambient temp. range: 0°C - 40°C (32°F-104°F)
- Output: 3,000 ft³/min (85 m³/min)
- Control: Manual
Timer (Optional)
Wireless (Optional)
- Optional accessories: Z-40 Cable Timer Remote
Z-50 Wireless Remote
- Dimension: L315 W128 H218 mm
(L12.40 W5.04 H8.58 inch)
- Weight: 3.5 kg (7.72 lbs)

Z-1020 Two-Way Fog Machine

Z-1020, the most powerful DMX-controlled vertical pure fog machine which stands differently from the other Z-Series. Its design is for special purposes and applications which you can't find in any fog machines available. It uses mirror-piping heater technology that supports advance features and high-throughout burst mode with its extreme low energy consumption.

The Z-1020 can be positioned on the ground to fog upward to have a column of fog effect or can be mounted on the wall to easily blend the surroundings with atmospheric effect. Or else can be used to fog in upright position. Other features include DMX on-board, built-in electronic low fluid detector. Light weight, sleek and compact design, easy installation and maintenance.

Z-1020 is perfect for theatrical and studio application, large halls, concerts, DJ touring and clubs.

Specification

- Input voltage: US model : AC 100-120V, 50 / 60Hz 9A
EU model : AC 220-240V, 50 / 60Hz 4.5A
- Rated power: 1000W
- Warm-up time: 13 minutes (approx.)
- Fluid consumption: 90 ml/min
- Fluid tank capacity: 2.4L (0.63gal)
- Compatible fluid: Antari FLC Super Light Fog Fluid
Antari FLR Light Fog Fluid
- Ambient temp. range: 0°C - 40°C (32°F-104°F)
- Output: 5 meters height
- Control: DMX512, Manual
Wireless (Optional)
Timer (Optional)
- DMX channels: 1 channel
- Connection: IEC (Power)
XLR 3-pin (DMX)
- Optional accessories: Z-40 Cable Timer Remote
Z-50 Wireless Remote
FX-4 Flightcase
- Dimension: L408 W295 H199 mm
(L16.06 W11.61 H7.83 inch)
- Weight: 9.8 kg (21.61 lbs)



Patent No. (CHINA) ZL200530066269.2

EFFECTS & FUNCTION



Horizontal Output Vertical Output Rear Panel

INCLUDED



Z-10 Cable Remote

OPTIONAL



Z-40 Cable Timer Remote Z-50 Wireless Remote FX-4 Flightcase
FLR Light Fog Fluid FLC Super Light Fog Fluid



Z-1000II & Z-1200II Fog Machine

Z-1000II and Z-1200II dominate the entry-level of Z-Series II Fog Machine for high performance output necessary to scale up the machines' efficiency. It is equipped with ECO thermal control system and patented UNICORE heater technology where the heater core can be easily draw-out from the heater block ensuring quick and easy cleaning. The heater element is like a jet air stream that can deliver a powerful fog in order to create the very best atmospheric effect. (perfect for mid-air fog as well) In addition, it is armed with on-board DMX to work with club lighting directors, installers, planners as well as DJ's who need more fog and control.

Z-1000II and Z-1200II come with high-quality pump and electronic low-fluid detector also known as Thermal Cut-Off (TCO), which automatically reactivates and shuts down the pump power when the fluid level is low and depleted. Other feature includes standard hanging bracket to facilitate in any installations or on the road from venue to venue.

Z-1000II Specification

- Input voltage	US model : AC 100-120V, 50 / 60Hz 9A EU model : AC 220-240V, 50 / 60Hz 4.5A
- Rated power	1000W
- Warm-up time	6 minutes (approx.)
- Fluid consumption	56 ml/min
- Fluid tank capacity	1.7L (0.45gal)
- Compatible fluid	Antari FLG Heavy Fog Fluid Antari FLR Light Fog Fluid
- Ambient temp. range	0 °C - 40 °C (32 °F-104 °F)
- Output	12,000 ft ³ /min (340 m ³ /min)
- Control	DMX512, Manual Timer (Optional) Wireless (Optional)
- DMX channels	1 channel
- Connection	IEC (Power) XLR 3-pin (DMX)
- Optional accessories	Z-40 Cable Timer Remote Z-50 Wireless Remote
- Dimension	L433 W196 H214 mm (L17.05 W7.80 H8.43 inch)
- Weight	6.6 kg (14.55 lbs)

Z-1200II Specification

- Input voltage	US model : AC 100-120V, 50 / 60Hz 10.5A EU model : AC 220-240V, 50 / 60Hz 5.5A
- Rated power	1200W
- Warm-up time	10 minutes (approx.)
- Fluid consumption	72 ml/min
- Fluid tank capacity	2.5L (0.66gal)
- Compatible fluid	Antari FLG Heavy Fog Fluid Antari FLR Light Fog Fluid
- Ambient temp. range	0 °C - 40 °C (32 °F-104 °F)
- Output	18,000 ft ³ /min (510 m ³ /min)
- Control	DMX512, Manual, Timer Wireless (Optional)
- DMX channels	1 channel
- Connection	XLR 3-pin (DMX)
- Optional accessories	Z-9 Wireless Remote
- Dimension	L458 W243 H251 mm (L18.03 W9.57 H9.88 inch)
- Weight	10.9 kg (24.03 lbs)





FLR-6 Light Fog Fluid
FLG-6 Heavy Fog Fluid

Z-1500II & Z-3000II Fog Machine

Antari proposes to you the Z-1500II & Z-3000II, the rigorous research and development resulting stability, durability, and reliability. When it comes to ultimate performance and precision control, the Z-1500II & Z-3000II will suit virtually any applications. These fog machine provide significant advantages in a wide array of applications where volume of fog output is critical. Around 25% electricity is saved due to high efficient power control system allowing the fogger to operate at low-level temperature.

An electronic low fluid detector is also installed which automatically weakens pump power and stops pumping when running-out of fluid. They are fully controllable via Z-20 LCD control module supplied allowing the operator to set the volume control and timing precisely to the exact percentage from 1% to 100% output. DMX connection can be worked by either 3 or 5 pin connector. These machines are Antari's proud innovation; they are dedicated to most demanding professionals. Ideal for very large venues, outdoor event, movie production or for fire training concept.

Z-1500II Specification

- Input voltage	US model : AC100-120V, 50 / 60Hz 12.5A EU model : AC 220-240V, 50 / 60Hz 6.3A
- Rated power	1450W
- Warm-up time	10 minutes (approx.)
- Fluid consumption	110 ml/min
- Fluid tank capacity	6L (1.59gal)
- Compatible fluid	Antari FLG Heavy Fog Fluid Antari FLR Light Fog Fluid
- Ambient temp. range	0°C - 40 °C (32 °F-104 °F)
- Output	20,000 ft³/min (566 m³/min)
- Control	DMX512, Manual, Timer Wireless (Optional)
- DMX channels	1 channel
- Connection	XLR 3-pin and 5-pin (DMX)
- Optional accessories	Z-30 Pro Wireless Remote
- Dimension	L688 W285 H257 mm (L27.09 W11.22 H10.12 inch)
- Weight	14 kg (30.86 lbs)

Z-3000II Specification

- Input voltage	EU model : AC 220-240V, 50 / 60Hz 11A
- Rated power	2500W
- Warm-up time	12 minutes (approx.)
- Fluid consumption	200 ml/min
- Fluid tank capacity	6L (1.59gal)
- Compatible fluid	Antari FLG Heavy Fog Fluid Antari FLR Light Fog Fluid
- Ambient temp. range	0°C - 40 °C (32 °F-104 °F)
- Output	40,000 ft³/min (1133 m³/min)
- Control	DMX512, Manual, Timer Wireless (Optional)
- DMX channels	1 channel
- Connection	XLR 3-pin and 5-pin (DMX)
- Optional accessories	Z-30 Pro Wireless Remote
- Dimension	L715 W310 H260 mm (L28.94 W12.20 H10.59 inch)
- Weight	19.9 kg (43.87 lbs)



LOW FOG GENERATOR



Patent No. (TAIWAN) 113542

Two Implementations of the DNG-100



A fog conducting hose (FT-10) is attached to a fog machine's output nozzle via an adaptor (FTA-1/2A/3) and then connected to the FTA-10 adaptor attached to the DNG-100's intake. The fog flows efficiently from the fog machine through the DNG-100, and is directed downwards by the guide plate (FTA-12).

DNG-100 Fog Cooler

The DNG-100 converts normal fog from fog machine into a floor-hugging cloud which is almost virtually similar to the dry ice effect. This is achieved by cooling the temperature of the fog to the point where it falls to the ground.

The DNG-100 is easy to operate as there are no external controls on the machine. Simply plug the unit in and place the fog conducting hose from the output of dry fog machine to the input of the DNG-100.

The unit is fully operational upon being plugged in. Note that the volume of fog produced is controlled by the fog machine that the DNG-100 is attached to.

Specification

- Input voltage	US model : AC 100-120V, 50 / 60Hz 5.6A ~ 14.9A EU model : AC 220-240V, 50 / 60Hz 2.4A ~ 5.9A
- Refrigerant	120V R-404A, 1.39LB (0.63Kg) 240V R-404A, 1.39LB (0.63Kg)
- Start current	120V / 63A 240V / 21A
- Ambient temp. range	5 °C - 40 °C (41 °F-104 °F)
- Control	On / Off switch control
- Optional accessories	FTA-1 FTA-2A FTA-3
- Dimension	L784 W608 H479 mm
- Weight	72 Kg

* Note: For best low fog effect, use Antari FLR and FLC fog fluid



For remote placement of low-lying fog, substitute the guide plate with a fog conducting hose that attaches to the front of the DNG-100 via an adaptor (FTA-11). This configuration allows the DNG-100's output to be guided to a desired area without being affected by air currents generated by movement, wind, fans or air conditioners.

Refer to accessories page for details

ICE-101 ICE Fog Machine

ICE-101 Ice fog machine, as its name suggests, produces beautiful floor-hugging dry ice fog effect by simply adding regular ice cubes. Without the inconvenience of dry ice or the potential health hazards caused by dry ice's heavy CO₂ smoke, this ICE Fog machine is expected to be Eco-friendly.

A high power 1130W fog machine inside creates amounts of fog which is chilled to create a low lying ground hugging fog effect.

10kg of ice cubes placed in the ice chamber can be stored up to 8 hours and enable 1 hour of continuous operation. Full DMX on-board means 100% control and the drainage pump can be activated manually or set to automatic for optimum convenience.

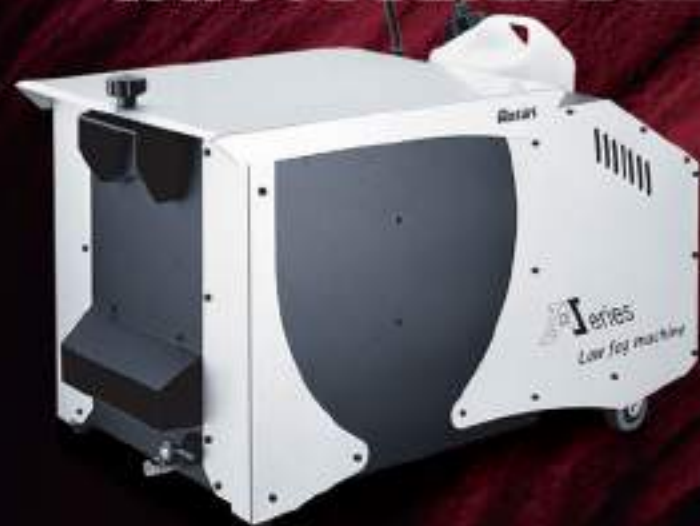
You will never want to go back to dry ice machine again because this unit is very easy and safe to operate as it is the most convenient way to create ankle-deep fog for many applications.

Specification

- Input voltage	US model : AC 100-120V, 50 / 60Hz 9.5A EU model : AC 220-240V, 50 / 60Hz 5A
- Rated power	1130W
- Warm-up time	4.5 minutes (approx.)
- Fluid consumption	25ml/min
- Fluid tank capacity	2.5L (0.66gal)
- Compatible fluid	Antari FLL Low Fog Effects Fluid Antari FLC Super Light Fog Fluid Antari FLR Light Fog Fluid
- Ambient temp. range	0 °C - 40 °C (32 °F-104 °F)
- Output	43 m ³ /min
- Control	DMX512, Timer, Manual
- DMX channels	1 channel
- Connection	IEC (Power) XLR 3-pin (DMX)
- Dimension	L660 W355 H443 mm (L25.98 W13.98 H17.44 inch)
- Weight	24.4 kg (53.79 lbs)

* Note: For best low fog effect, use Antari FLL, FLC and FLR fog fluid.

LOW FOG GENERATOR



Patent No. (TAIWAN) S18189 S40418



Mobile FOGGER



M-1 Mobile Fog Machine

The M-1 Mobile Fog Machine is specially designed for applications on site where mobility is crucial. Utilization of M-1 is commonly seen in photograph shooting, film making, theatrical and industrial testing locations. For its compact size and light weight (1.8 kg), this mobile fogger can be discretely placed on props, inside sets, or hand held.

As implied by its name, the mobile fogger's main characteristic is its mobility. The unit operates on a compact 12V DC rechargeable battery and is very easy to carry and operate without any warm-up time.

The M-1 can also operate with corded dummy battery. To increase the machine's versatility, timer and wireless remotes are available as optional.

Specification

- Input voltage	DC 12V (Battery) AC 100-240V, 50-60Hz (Battery charger)
- Rated power	75W
- Warm-up time	1 second (approx.)
- Fluid consumption	2 ml/min
- Fluid tank capacity	110ml (0.03gal)
- Compatible fluid	Antari FLM Fog Fluid
- Ambient temp. range	0 °C - 40 °C (32 °F-104 °F)
- Control	Manual Timer (Optional) Wireless (Optional)
- Optional accessories	DCP-12 Power Adaptor and Dummy Battery MCT-1 Cable Timer Remote MCR-1 Wireless Remote
- Dimension	L227 W66 H112 mm (L8.94 W2.60 H4.41 inch)
- Weight	1.8 kg (3.97 lbs)

EFFECTS



INCLUDED



BAT-01 Battery and M1-BCL Charger

OPTIONAL



DCP-12 Power Adaptor and Dummy Battery



MCT-1 Cable Timer Remote



MCR-1 Wireless Remote

FLUID



FLM Fog Fluid

M-1 KIT



- ① M-1 Fog Machine
- ② Case
- ③ Rechargeable Battery
- ④ Charger
- ⑤ Bottle of 500c.c. FLM-05 M-1 Fog Fluid

HZ-100



Patent No. (TAINAN) 278419 302767

EFFECTS



ACCESSORIES

OPTIONAL



HC-1 Cable Timer Remote



HCR-1 Wireless Remote

FLUID



HZL-1 Haze Fluid

HZ-100 Haze Machine

This durable, compact size HZ-100 lends itself to stage, concert and filming application, where ease of operation is desired.

The HZ-100 equipped with an efficient, maintenance-free air compressor, no warm-up time required. Simply switch on the power, beautiful translucent haze will fill up the space in no time. Through its haze transfer mechanism, the haze is broken down into nano particle reflect the lights to create bright and colorful light beams.

With optional timer remote and wireless remote, gives user more flexibility when controlling the HZ-100.

Specification

- Input voltage: US model: AC 100-120V, 50/60Hz 1.5A
EU model: AC 220-240V, 50/60Hz 0.8A
- Rated power: 180W
- Fluid consumption: 0.7 ml/min
- Fluid tank capacity: 2.5L (0.66gal)
- Compatible fluid: Antari HZL Haze Fluid
- Operating time: 60 hrs at max. output
- Ambient temp. range: 0 °C - 40 °C (32 °F-104 °F)
- Output: 1,000 ft³/min (28 m³/min)
- Control: Manual
Timer (Optional)
Wireless (Optional)
- Connection: IEC (Power)
- Optional accessories: HC-1 Cable Timer Remote
HCR-1 Wireless Remote
- Dimension: L484 W250 H294 mm
(L19.06 W9.84 H11.57 inch)
- Weight: 12 kg (26.46 lbs)

HZ-350



Patent No. (TAINAN) 278419 302767

EFFECTS & FUNCTION



Control Panel

INCLUDED



W-1 Wireless Remote

OPTIONAL



HC-1 Cable Timer Remote

FLUID



HZL-1 Haze Fluid

HZ-350 Haze Machine

HZ-350, a brand new haze machine from Antari with not only the reliable quality as a tradition but also new charming features!

With the innovative LCD control panel built in the machine, now you can master this classic haze machine without effort at all. The digital LCD control system now allows users to set the timer and DMX address directly and accurately.

Furthermore, wireless on/off control is another excitement for users who need to execute the output timing.

Now just try it to believe it!

Specification

- Input voltage: US model: AC 100-120V, 50/60Hz 3.25A
EU model: AC 220-240V, 50/60Hz 1.7A
- Rated power: 390W
- Fluid consumption: 0.8 ml/min
- Fluid tank capacity: 2.5L (0.66gal)
- Compatible fluid: Antari HZL Haze Fluid
- Operating time: 52 hrs at max. output
- Ambient temp. range: 0 °C - 40 °C (32 °F-104 °F)
- Output: 2,000 ft³/min (57 m³/min)
- Control: DMX, Timer, Manual, Wireless
- DMX channels: 1 channel
- Connection: IEC (Power)
XLR 5-pin (DMX)
- Optional accessories: HC-1 Cable Timer Remote
- Dimension: L492 W273 H315 mm
(L19.37 W10.75 H12.40 inch)
- Weight: 14.2 kg (31.31 lbs)

HZ-400



Patent No. (TAIWAN) 278419 302767

EFFECTS & FUNCTION



Rear Panel



HC-3 Cable Timer Remote

HCR-1 Wireless Remote

HZL-1 Haze Fluid

HZ-400 Haze Machine

The HZ-400 is equipped with an internal, maintenance-free air compressor, a sophisticated haze transfer mechanism, and a specially designed fluid tank. The HZ-400 is equipped with two haze nozzles capable of producing virtually invisible large volume of haze output.

The fine translucence and non-stop output produced by HZ-400 makes it more remarkable by the fact that with the basic three on/off temperature controls, hot air and warmers function during operation.

Its internal compressor is extremely powerful, quiet and very efficient. With an added on-board DMX channel provides easy to control HZ-400 with any DMX 512.

HZ-400 Professional Haze Machine is the elegant combination between the ultimate haze quality from high capacity low fluid consumption and silent operation demanded by professionals.

Specification

- Input voltage: US model : AC 100-120V, 50/60Hz, 3.92A
EU model : AC 220-240V, 50/60Hz, 2A, 470W
- Rated power: 470W
- Fluid consumption: 1.1 ml/min
- Fluid tank capacity: 2.5L (0.66gal)
- Compatible fluid: Antari HZL Haze Fluid
- Operating time: 37 hrs at max. output
- Ambient temp. range: 0°C - 40°C (32°F - 104°F)
- Output: 2,800 ft³/min (79 m³/min)
- Control: DMX, Timer, Manual, Wireless (Optional)
- DMX channels: 1 channel
- Connection: IEC (Power), XLR 5-pin (DMX)
- Optional accessories: HCR-1 Wireless Remote
- Dimension: L500 W320 H319 mm (L19.69 W12.60 H12.56 inch)
- Weight: 18.5 kg (40.79 lbs)

HZ-500 Haze Machine

Antari is proud to unveil the innovative HZ-500 Haze with passion, to entertainment industry. This groundbreaking masterpiece created by Antari HZL team is invested with profound experience in studying and designing haze machines after years of hard work.

Therefore, the performance of HZ-500 is second to none and better than any other haze on stage. It can work perfectly with laser beam and lighting to bring the best atmospheric effects to all events.

HZ-500 is definitely the best choice for all stage designers, performers, and audiences who are sensitive to surrounding settings. The extraordinary low fluid consumption rate makes HZ-500 more energy-efficient and more environmental-friendly. Last but not the least, its silent operation is highly demanded by professionals.

Specification

- Input voltage: US model : AC 100-120V, 50/60Hz 4A
EU model : AC 220-240V, 50/60Hz 2A, 480W
- Rated power: 480W
- Fluid consumption: 1.1 ml/min
- Fluid tank capacity: 2.5L (0.66gal)
- Compatible fluid: Antari HZL Haze Fluid
- Operating time: 37 hrs at max. output
- Ambient temp. range: 0°C - 40°C (32°F - 104°F)
- Output: 3,000 ft³/min (85 m³/min)
- Control: DMX, Timer, Manual
- DMX channels: 1 channel
- Connection: IEC (Power), XLR 5-pin (DMX)
- Dimension: L490 W351 H338 mm (L19.29 W13.82 H13.31 inch)
- Weight: 31.5 kg (69.45 lbs)

HZ-500 Hazer Technology



Patent No. (TAIWAN) 278419 302767

FUNCTION



Included Rubber Plug for Fluid Tank

Fluid Level Indicator

HZ-500 Control Panel

Interior Look of HZ-500



Interior Look of HZ-500

HZL-1 Haze Fluid



HZ-1000 Haze Machine

HZ-1000 is the most advanced haze machine among Antari's HZ series. With the option of single or twin-compressor modes, this exceptional hazer can now be used in greater range of various venues.

The TFT color touch panel makes it much more instinct and easy when setting. More protection and convenience is provided with the wheeled flightcase while touring. Built-in turbo fan not only brings the haze higher and farther also enables the hazer to create drier haze with minimum residues. Bigger fluid tank and easy-to-see liquid level indication window both help make sure the show must go on!

Feature

- The maximum haze output is HZ-500's double. Two operational modes: Single-Compressor or Twin-Compressor mode can be selected to create needed haze volume.
- Equipped with TFT color Touch Panel provides simple control interface.
- Flight case with wheels gives better protections for tours.
- Internal turbo fan enables haze to go higher and farther. Wind diverter can be set to 2 different angles.
- Dry haze with minimum residues.
- 6.4-liter large reservoir allows long time operation without frequent refills.
- Clear liquid level indication window.

Specification

- Input voltage: US model : AC 100-120V, 50 / 60Hz 9.6A
EU model : AC 220-240V, 50 / 60Hz 4.8A 1150W
- Rated power
- Fluid consumption: 2.2 ml/min
- Fluid tank capacity: 6.4L (1.69 gal)
- Compatible fluid: Antari HZL Haze Fluid
- Operating time: 40 hrs max. output
- Ambient temp. range: 0 °C - 40 °C (32 °F-104 °F)
- Output: 7500 cu.ft./min. (212 m³/min.)
- Control: DMX 512, Timer, Manual, Wireless DMX (Optional)
- DMX channels: 2 channels
- Connection: Neutrik Powercon True1 (Power) XLR 3-pin and 5-pin (DMX)
- Optional accessories: W-DMX-PCBR Wireless DMX 512
- Dimension: L 690 x W 510 x H 610 mm (L 27.16 x W 20.07 x H 24.01 inch)
- Weight: 74.6 kg (164.46 lbs)



3 Positions Are Available



W-DMX-PCB x 1
W-DMX x 1



HZL Haze Fluid

S-200X

SNOW MACHINE



S-200X Snow Machine

With newly-developed PCB and advanced pump, S-200X can be even more reliable and generate 50% more snow outputs than their predecessors.

They can create both romantic snow and astonishing blizzard effects. Its working noise level is much lower, which is great for environments where quiet condition is required.

Specification

Input voltage	US model : AC 100-120V, 50 / 60Hz 7.5A EU model : AC 220-240V, 50 / 60Hz 3.8A
Rated power	880W
Fluid consumption	140 ml/min
Fluid tank capacity	5L (1.32gal)
Compatible fluid	Antari SL Snow Foam Fluid
Operating time	35 mins at max. output
Ambient temp. range	5°C - 40°C (41°F - 104°F)
Control	DMX512, Manual
DMX channels	1 channel
Connection	IEC (Power) XLR 3-pin (DMX)
Dimension	L505 W276 H310 mm (L19.88 W10.87 H12.20 inch)
Weight	11.5 kg (25.35 lbs)

Patent No. (TAWAN) 103095 (S2008) M444196 (S-200X) 1087558

EFFECTS & FUNCTION



SC-2 Cable Remote

5L Snow Foam Fluid

SW-250 Wireless Snow Machine

With all the advantages of S-200X, the SW-250 is the enhanced version of Antari snow machine series. Equipped with the easy-to-use LCD control panel which allows users to set the snow output volume and timing much more precisely by sliding output percentage and duration time, the SW-250 gets rid of the cable control by making the wireless control system the standard accessory. The snow machines can be activated and deactivated simply by a touch on the W-1 transmitter thanks to the convenience of the wireless control system.

Now it's possible to have the effects from a touch of snow flakes to real blizzard exactly at what you expected whenever needed all year round without waiting!

Specification

Input voltage	US model : AC 100-120V, 50 / 60Hz 7.5A EU model : AC 220-240V, 50 / 60Hz 3.8A
Rated power	880W
Fluid consumption	140 ml/min
Fluid tank capacity	5L (1.32gal)
Compatible fluid	Antari SL Snow Foam Fluid
Operating time	35 mins at max. output
Ambient temp. range	5°C - 40°C (41°F - 104°F)
Control	DMX512, Timer, Manual, Wireless
DMX channels	1 channel
Connection	IEC (Power) XLR 3-pin (DMX)
Optional accessories	SC-2 Cable Remote
Dimension	L539 W276 H310 mm (L21.22 W10.87 H12.20 inch)
Weight	11.5 kg (25.35 lbs)

Patent No. (TAWAN) 103095 M444196 H87558



W-1 Wireless Transmitter

SC-2 Cable Remote

5L Snow Foam Fluid



S-500 & S-500L Snow Machine

Meet Antari's latest snow machine - the S-500. Its main body and 20-Meter fluid tank are placed inside a road case with wheels.

The nozzle is connected by a 10-Meter long hose and it can be easily rigged on a standard truss or tripod stand. Air and snow fluids are delivered to nozzle via the 10-Meter hose. Users can adjust the air volume and fluid flow rate to get the right snow effects needed, from fine snow to blizzards.

The functions of S-500L are exactly same as S-500. The only two differences between S-500L and S-500 are S-500L comes with 20-Meter hose in a larger case. The "L" of S-500L stands for "Large".

Features

- Optional PM-1 pan motor with 120 degrees pan to increase coverage area
- Blower built into flight case keep noise level at minimum
- Extreme high output
- Adjustable snowflake size
- Road case for outdoor operation and provide extra protection



S-500 Specification

Input Voltage	US model : AC 100-120V, 50 / 60Hz 7.5A EU model : AC 220-240V, 50 / 60Hz 3.8A
Rated power	800W
Fluid consumption	100 ml/min
Fluid tank capacity	20L (5.28gal)
Compatible fluid	Antari SL-200N Snow Foam Fluid Antari SL-200AN Premium Snow Fluid
Operating time	30 mins at max. output
Ambient temp. range	5°C - 40°C (41°F-104°F)
Control	DMX512, Timer, Manual Wireless (Optional) Wireless DMX (Optional)
DMX channels	2 channels
Connection	Neutrik Powercon (Power) XLR 3-pin and 5-pin (DMX)
Optional accessories	W-DMX-PCBR Wireless DMX 512 WTR-20 Wireless Remote WTR-70 Wireless DMX 512 and Remote SC-3 Cable Remote ST-10 10 Meters Extension Hose PM-1 Pan Motor SL-200 W551 H651 mm (L23.31 W21.69 H25.63 inch) 37.2 kg (82.01 lbs)

S-500L

Dimension	L803 W603 H651 mm (L31.61 W23.74 H25.63 inch)
Weight	45.4 kg (102.29 lbs)

B-100



B-100 / B-100X Bubble Machine

This handy party gizmo is equipped with "Double Bubble Wheel" designed to produce steady, continuous stream of bubbles.

B-100's frontal outlet directs a high output of bubbles up in to the air while simultaneously recycling liquid and eliminating dripping. The durable motor is set in a robust casing, capable of continuous operation. Easy refills and the included hanging bracket makes B-100 a simple to operate and versatile machine.

Specification

- Input voltage
US model : AC 100-120V, 50 / 60Hz 0.25A
EU model : AC 220-240V, 50 / 60Hz 0.13A
- Rated power
30W
- Fluid consumption
8.3 ml/min
- Fluid tank capacity
0.7L (0.18gal)
- Compatible fluid
Ancari BL Bubble Fluid
- Operating time
1.4 hrs at max. output
- Ambient temp. range
5 °C - 40 °C (41°F-104 °F)
- Control
Manual
Timer (Optional)
Wireless (Optional)
Z-10 Cable Remote
BCT-1 Timer Remote
BCR-1 Wireless Remote
- Optional accessories (B-100X Model Only)
- Dimension
L341 W170 H217 mm
(L13.43 W6.69 H8.54 inch)
- Weight
4.2 kg (9.26 lbs)

B-200 High Output Bubble Machine

B-200 equipped with four "Double Bubble Wheel" to produce extensive amount of bubble, the set of 3 fans at the back carry the bubble farther to increase coverage area.

Heavy-duty casing comes with hanging bracket for ease of installation. No tray designed allows to pour bubble fluid directly from its frontal outlet, with a drain hole on the side to make cleaning a hassle free process.

On-board DMX, optional timer remote and wireless remote fulfill all kinds of control requirement. B-200 is designed for large size clubs, theatrical production and venues.

Specification

- Input voltage
US model : AC 100-120V, 50 / 60Hz 0.85A
EU model : AC 220-240V, 50 / 60Hz 0.42A
- Rated power
100W
- Fluid consumption
50 ml/min
- Fluid tank capacity
2L (0.53gal)
- Compatible fluid
Ancari BL Bubble Fluid
- Operating time
40 mins at max. output
- Ambient temp. range
5 °C - 40 °C (41°F-104 °F)
- Control
DMX 512, Manual
Timer (Optional)
Wireless (Optional)
- DMX Channels
1 channel
- Connection
IEC (Power)
XLR 5-pin (DMX)
- Optional accessories
BCT-1 Timer Remote
BCR-1 Wireless Remote
- Dimension
L421 W250 H213 mm
(L16.57 W9.84 H8.39 inch)
- Weight
11 kg (24.25 lbs)

B-200





LCU-1S Smart Liquid Control Unit

The latest LCU-1S comes with a LCD panel allows user to read and make setting with ease.

LCU-1S is preprogrammed for use with Z-1200H, S-100X, S-200X and SW-250, flow rate are adjusted to supply one unit at the time. An optional "Null" mode offers versatility for use with any model, running the pump at 100% output; enable it to supply up to maximum 4 units at a time.

LCU-1S can supply fluid to 35 meters long or 25 meters high at maximum, designed to meet most remote fluid supply application.

Specification

- Input voltage: US model : AC 100-120V, 50 / 60Hz: 0.35A
EU model : AC 220-240V, 50 / 60Hz: 0.18A
- Rated power: 98W
- Fluid consumption: 400 ml/min
- Compatible fluid: Antari Fluid
- Ambient temp. range: 5 °C - 40 °C (41 °F-104 °F)
- Control: DMX12, Timer, Manual
- DMX channels: 1 channel
- Connection: XLR 3-pin (DMX)
- Optional accessories: Z-B Remote Control
SC-2 Remote Control
- Dimension: 1201 W/179 H/96 mm
(17.99 W/7.05 H/3.78 inch)
- Weight: 3.3 kg (7.28 lbs)



System Diagram

Supplying fluid to one machine (Z-1200H/S-100X/S-200X/SW-250), select pre-programmed flow rate with matching model. Control data through 4-pin XLR.



System Diagram

Supplying fluid to multiple machine (Z-1200H/S-100X/S-200X/SW-250), select "Null" mode with maximum flow rate. Control data through 4-pin XLR.



Up to max. 4 units

System Diagram

Supplying fluid to multiple machine, select "Null" mode with maximum flow rate. Control data through DMX connection.



Up to max. 4 units



LCU-2S Liquid Supply System

Now you can use this new liquid supply set, LCU-2S, with all the Antari fogger, fader and snow machines regardless the model type. This makes the coverage of the application much wider.

It can supply up to 3 different machines at a time as long as the liquid used is the same. Smarter design with simpler electronic disposition greatly enhance the overall liability and make the operation as easy as pie.

Just switch it on, the liquid tank unit will always be full and you're all set. The vertical distance between the liquid tank unit and liquid supply unit can be up to 12 meters while the horizontal distance can reach 35 meters.

Specification

Input voltage	US model : AC 100-120V, 50 / 60Hz 0.35A EU model : AC 220-240V, 50 / 60Hz 0.18A
Rated power	48W
Compatible fluid	Antari Fluid
Ambient temp. range	5 °C - 40 °C (41 °F - 104 °F)
Control	Auto
Connection	IEC (Power) XLR 3-pin (Data)
Dimension	Supply unit L179 W167 H64 mm (L7.05 W6.57 H3.31 inch) Tank unit L158 W103 H248 mm (L6.22 W4.06 H9.76 inch)
Weight	Supply unit 1.95 kg (4.30 lbs) Tank unit 1.8 kg (3.97 lbs)



SYSTEM DIAGRAM



ANTARI F20
AF-3



EFFECTS



AF-3 / AF-3X Effects Fan

The AF-3 is a compact all-purpose stage fan features multiple control options, linear output control, low power consumption, adjustable blowing directions, and durable metal housing.

In addition to the onboard DMX control and the manual knob, cable and wireless controllers are optional to cope with diverse needs. Total power consumption is merely 120W.

The attached bracket enables various output directions within 90 degrees while hanged or placed on the floor. Solid and handy design allows easy carry and storage.

Specification

- Input voltage	US model : AC 100-120V, 50/60Hz 1A EU model : AC 220-240V, 50/60Hz 0.5A
- Rated power	120W
- Ambient temp. range	0 °C - 40 °C (32 °F-104 °F)
- Air flow	900 m³/hr, 530 CFM (50Hz) 1020 m³/hr, 600 CFM (60Hz)
- Fan speed	750 - 2550 rpm (50Hz) 750 - 2800 rpm (60Hz)
- Control	DMX, Manual Wireless (Optional)
- DMX channels	1 channel
- Connection	Neutrik Powercon (Power) XLR 5-pin (DMX)
- Optional accessories	WTR-10 Wireless Remote Z-3 Cable Remote
- Dimension	L124 W316 H368 mm (L4.88 W12.44 H14.49 inch)
- Weight	6 kg (13.23 lbs)

AF-4 / AF-4R Effects Fan

AF-4 special effects are loading its flow of air in the centre, produce smooth wind effect up to 20 m per sec. Suitable for wide variety of applications on stage, theatre, cinema, tours and much more. With a digital control interface allowing user to easily make setting and adjustments. Comprehensive control option include DMX, Timer, Wireless and Manual.

Feature

- Effective distance up to 20M
- Low noise level
- Onboard DMR
- Adjustable wind volume from 20~100%
- Manual, Timer and Wireless control

Specification

- Input voltage	US model : AC 100-120V, 50/60Hz 0.96A EU model : AC 220-240V, 50/60Hz 0.48A
- Rated power	115W
- Ambient temp. range	0 °C ~ 40 °C (32 °F-104 °F)
- Air flow	1187 CFM (AC 110V/60Hz) 1035 CFM (AC 220V/60Hz)
- Fan speed	1242 ~ 1480 rpm (AC 110V/60Hz) 1175 ~ 1289 rpm (AC 220V/60Hz)
- Control	DMX, Timer, Manual Wireless (Optional)
- DMX channels	1 channel
- Connection	Neutrik Powercon (Power) XLR 5-pin (DMX)
- Optional accessories	WTR-20 Wireless Remote Z-3 Cable Remote
- Dimension	L353 W377 H517 mm (L13.90 W14.84 H20.35 inch)
- Weight	9 kg (19.84 lbs)

FUNCTION



ACROSS COUNTRIES



ANTARI FBN
AF-4



ATARI FAN AF-5



AF-5 / AF-5R Effects Fan

AF-5 is a special effect fan with 3 speed setting to fulfill different wind effect requirement. It provides wind effects when using by itself. It also can work with other effect machine such as fog, haze, snow and bubble to increase the coverage.

Extra foot stand design allows the wind to blow in two directions when placing on the floor. With optional hanging bracket offers other possibilities for installation requirements.

Stand-alone, On-board DMX and optional wireless control satisfy different control requirements.

Specification

- Input voltage US model : AC 100-120V, 50/60Hz 13.4A
EU model : AC 220-240V, 50/60Hz 6.7A
- Rated power 1600W
- Ambient temp. range 0°C - 40°C (32°F - 104°F)
- Air flow 1743 CFM (High)
1567 CFM (Medium)
1351 CFM (Low)
- Horsepower 1HP
- Housing Material Flame retardant plastic (PE 9731)
- Control DMX, Manual
Wireless (Optional)
- DMX channels 1 channel
- Connection XLR 5-pin (DMX)
- Optional accessories W-1 Wireless Remote
AF-5-HB Hanging Bracket
- Dimension L558 W465 H578 mm
(L21.97 W18.31 H22.76 inch)
- Weight 17.5 kg (38.58 lbs)



FLUID

Antari Fog Fluids

Antari fog fluid are optimized for use with all Antari fog machines and are suitable for most models of foggers. They are all water-based composition that leaves no oily residue.

All of the fluid are odorless, non-irritating, non-toxic, and non-flammable. They preserve the longevity of your machines.

Our Material Safety Data Sheets (MSDS) and safety reports from SGS are complied by an independent laboratory for strictest tests.

The Antari fog fluid are eco-friendly to our environment and to human contact.

Antari fog fluid comes in 4 varieties :

- FLL Low Fog Effects Fluid (blue color)** It is a specifically made water-based fog fluid for low fog machines capable of creating the optimized low fog effect.
- FLC Super Light Fog Fluid (clear)** produces fog which dissipates in the air fastest.
- FLR Light Fog Fluid (red color)** produces fog which disappears in the air faster.
- FLG Heavy Fog Fluid (green color)** produces fog which has a longer lasting time.

They are available in 1, 2, 4, 5, 6, 10, 20 and 200 Liter.



	1L	2L	4L	5L	6L	10L	20L	200L
FLL								
FLC	FLC-1	FLC-2	FLC-4	FLC-5		FLC-6	FLC-10	FLC-200
FLR	FLR-1	FLR-2	FLR-4	FLR-5		FLR-6	FLR-10	FLR-200
FLG	FLG-1E for 1-100	FLG-1	FLG-2	FLG-4	FLG-5	FLG-5E for 1-100 & 2	FLG-6	FLG-10

The choice of fog fluid will depend on which Antari machine is used and also the density of fog you look for



They are all available in 5, 20 and 200 Liters.

There are 6 types of snow fluids among Antari range. The different features are listed as followings:

SL

- Mildest formula. Artificial snowflakes produced by it with the least irritating smell.
- Perfect for indoor operation.

SL-A

- Compare to SL, the snowflakes created by SL-A are slightly larger in size and can dissipate in air quicker.
- Good for indoor operation.

SL-AN (New Formula)

- Compare to SL-N, the snowflakes created by SL-AN are slightly larger in size and can dissipate in air quicker.
- Good for outdoor operation.

SL-N (New Formula)

- Artificial snowflake produced by SL-N is the finest (smallest in size and lightest in weight) among Antari snow fluids, which is the driest and leaves least wet residue when it falls on the ground.
- Recommended for outdoor operation.



SL-H

- SL-N can produce higher snow volume than the snow effects from SL.
- Good for outdoor operation.



SL-C (Anti-Freezing Snow Liquid)

- Anti-freezing snow fluid can satisfy the requirements of operating snow machines in low temperature environment.
- The lowest working temperature is -10°C [14°F]



SL	SL-A	SL-N	SL-AN
SL-1	SL-1A	SL-1N	SL-1AN
SL-2	SL-2A	SL-2N	SL-2AN
SL-4	SL-4A	SL-4N	SL-4AN
SL-5	SL-5A	SL-5N	SL-5AN
SL-6	SL-6A	SL-6N	SL-6AN
SL-10	SL-10A	SL-10N	SL-10AN
SL-200	SL-200A	SL-200N	SL-200AN



SL-H

SL-H	SL-H1	SL-H20H	SL-200H
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SL-C

SL-C	SL-C1	SL-20C	SL-200C
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FLM-05 Fog Fluid

The FLM-05 is 500ml per bottle, and it's a special-formulated water-based fog fluid for M-1 & FT-20 fogger. With best quality, no artificial colors are added. Capable to generate the pure and clean fog when goes with compatible models.



Oil Based Haze Fluid

HZL : Specially composed haze fluid, HZL is a non-toxic solution that produces a pure, translucent haze with an extremely long hanging time and low moisture content. Colorless, odorless and non-flammable, HZL leaves no residue or contamination and complies with the strictest health and safety regulations.

Its composition will increase machine's lifespan for HZ-100 / 350 / 400 / 500 / 1000
HZL-1 : Haze fluid (1 liter) / HZL-5 : Haze fluid (5 liter)



700ml FLP Fog Fluid in a Pressurized Canister

700ml FLP Fog Fluid in a Pressurized Canister
FLP-700 is water-based FLP fog fluid filled in a pressurized canister, which can be installed in fog machines without fluid pump.



FLP Fire Training Fog Fluid

Antari FLP fog fluid is specifically made for FT-100 and FT-200 Fire Training machines.

Product Features :

- The ingredients of this water-based fog fluid are refined from palm trees.
- It is 100% natural, completely non-toxic and safe.
- It can produce high density fog and is ideal for using in poor ventilation environments (such as fire drill or rescue training, etc.)



Bubble Fluid

Antari bubble fluid is a water-based composition that creates vivid, transparent bubbles. The liquid is colorless, odorless and non-flammable. The Antari bubble fluid is available in either one or five liter containers.

BL-1 : Bubble fluid (1 liter) / BL-5 : Bubble fluid (5 liter)



MG-550 Magican

The world's smallest haze spray ; the Magican produces a long-lasting haze with 1-2 hours of hanging time. One Magican will haze continuously for five minutes.

A haze effect can be achieved after approximately 20 seconds of spraying in an average sized room, allowing for approximately 15 hazing sessions per can.

The Magican is designed for situations where only a relatively small amount of haze is needed. It is perfect for mobile DJs and home parties.



C-300

Antari C-300 is a cleaning solution that you can use to clean and maintain Antari fog and snow machines. Using it properly and regularly can give you the best performance and the longest lifetime of products.



Scent

Simply put a few drops of these high quality scent into the fluid tank. You will have scented fog right away! 6 fragrances are available in a standard 20 ml bottle. The ideal mix ratio of scent and fluid is 1:1000. For instance: adding 1ml scent into 1 liter fog fluid can have the best effect of scented fog.

P-1 : Rose P-2 : Mint P-4 : Apple P-6 : Lemon
P-7 : Strawberry P-9 : Orange

CONTROL MODULE
ACCESSORIES
REMOTE



W-1 Wireless Radio Transmitter

- Working Distance : Up to 50 M
- Function : Wireless ON/OFF
- There are 2 radio frequencies can be chosen. They are 315MHz and 433MHz respectively.
- Compatible With :
AF-3, AF-5, F-1, HZ-350, IP-1500, M-4, SW-250, W-101, W-510, W-508, W-515D, W-530D, W-715

Main Features :

1. Simple setting and operation : one click to register ; one click to go ; and one click to stop.
2. Interchangeability : W-1 wireless radio transmitter is compatible with all Antari W series (signal receivers)
3. Modern metallic design honors your vision and professional.



W-2 Wireless Radio Transmitter

W-2 is the advanced version of W-1 wireless radio transmitter. Compared to W-1, the biggest difference is W-2 comes with 4 buttons, which makes it more versatile.

- Working Distance : Up to 50 M
- Function : Wireless ON/OFF and Volume UP/DOWN
- There are 2 radio frequencies can be chosen. They are 315MHz and 433MHz respectively.
- Compatible With :
AF-4R, FT-20, FT-100, FT-200, M-7X RGBA, S-500, S-500L, Z-1520, Z-380



W-1 Receiver



W-2 Receiver



W-DMXW1R
W-DMX and W-1 Receiver



W-DMXW2R
W-DMX and W-2 Receiver



W-DMX-PCB



W-DMXR
W-DMX Receiver

WTR-10



W-1 Transmitter x 1
W-1 Receiver x 1

Compatible With :
AF-3, AF-5R, F-1

WTR-50



W-1 Transmitter x 1
W-DMXW1R x 1

Compatible With :
F-1

WTR-90



W-DMX-PCB x 1
W-DMXW2R x 1

Compatible With :
M-7X RGBA, S-500, S-500L

WTR-20



W-2 Transmitter x 1
W-2 Receiver x 1

Compatible With :
AF-4R, FT-20, S-500, S-500L, Z-380

WTR-60



W-DMXW1R x 1
W-DMX-PCB x 1

Compatible With :
F-1

WTR-100



W-1 Transmitter x 1
W-DMX-PCB x 1
W-DMXW2R x 1

Compatible With :
M-4

WTR-30



W-1 Transmitter x 1
W-2 Receiver x 1

Compatible With :
M-4

WTR-70



W-2 Transmitter x 1
W-DMX-PCB x 1
W-DMXW2R x 1

Compatible With :
S-500, S-500L

W-DMX-PCBR



W-DMX-PCB x 1
W-DMXR x 1

Compatible With :
F-1, F-4, M-4, M-7X RGBA, HZ-1000

WTR-40



W-1 Transmitter x 1
W-DMXW1R x 1
W-DMX-PCB x 1

Compatible With :
F-1

WTR-80



W-2 Transmitter x 1
W-DMXW2R x 1

Compatible With :
S-500, S-500L

There are 2 radio frequencies can be chosen. They are 315MHz and 433MHz respectively.

Wireless distance may vary depending on the interference.

①

M-20

- Cable Length : 2 M
- Connector : 5 Pin XLR
- Function : Timer with interval, duration and volume; set DMX address; continuous fogging; manual ON/OFF. (All above functions are displayed on a LCD screen and can be set precisely in seconds or percentage).
- Compatible With : M-5, M-10

②

M-21

- Cable Length : 2 M
- Connector : 5 Pin XLR
- Function : Timer with interval, duration and volume; set DMX address; manual ON/OFF. (All above functions are displayed on a LCD screen)
- Compatible With : M-8

③

M-30PRO

The M-30 PRO Wireless Control Module, as its name suggests, adds wireless operation to your M-5 and M-10 machines. The M-30 PRO delivers radio frequency technology you can depend on. You have the flexibility of wireless technology and the functionality you expect from Antari.

- Cable Length : 2 M
- Working Distance : Wireless, up to 50 M
- Connector : 5 Pin XLR
- For W-1 Wireless Transmitter, there are 2 radio frequencies can be chosen. They are 315MHz and 433MHz respectively.
- Compatible With : M-5, M-10

①



④



②



⑤



③



⑥

**M-31**

The M-31 Wireless Control Module, as its name suggests, adds wireless operation to your M-8 machine. The M-31 delivers radio frequency technology you can depend on. You have the flexibility of wireless technology and the functionality you expect from Antari.

- Cable Length : 2 M
- Working Distance : Wireless, up to 50 M
- Connector : 5 Pin XLR
- For W-1 Wireless Transmitter, there are 2 radio frequencies can be chosen. They are 315MHz and 433MHz respectively.
- Compatible With : M-8

Z-20

- Cable Length : 2 M
- Connector : 5 Pin XLR
- Function : Timer with interval, duration and volume; set DMX address; continuous fogging; manual ON/OFF. (All above functions are displayed on a LCD screen and can be set precisely in seconds or percentage)
- Compatible With : Z-1500II, Z-3000II

Z-30PRO

The Z-30PRO Wireless Control Module, as its name suggests, adds wireless operation to your Z-1500II and Z-3000II machines. The Z-30PRO delivers radio frequency technology you can depend on. You have the flexibility of wireless technology and the functionality you expect from Antari.

- Cable Length : 2 M
- Working Distance : Wireless, up to 50 M
- Connector : 5 Pin XLR
- For W-1 Wireless Transmitter, there are 2 radio frequencies can be chosen. They are 315MHz and 433MHz respectively.
- Compatible With : Z-1500II, Z-3000II

Z-3 Remote

- Cable Length : 3M
- Connector : 1/4 Stereo
- Function : Volume, ON/OFF
- Compatible With : Z-350, AF-3, FT-100, FT-200

**Z-8 Timer Remote**

- Cable Length : 25 ft
- Connector : 4 Pin XLR
- Function : Timer with interval, duration and volume; continuous fogging; manual ON/OFF
- Compatible With : Z-1200II, ICE-101

**Z-9 Wireless Remote**

- Working Distance : Up to 50 M
- Connector : 4 Pin XLR
- Function : Wireless ON/OFF
- Compatible With : Z-1200II

**Z-10 Remote**

- Cable Length : 25 ft
- Connector : 1/4 Stereo
- Function : ON/OFF (Toggle Switch)
- Compatible With : Z-800II, Z-1000II, Z-1020, B-100X, B-200, HZ-350

**Z-40 Timer Remote**

- Cable Length : 25 ft
- Connector : 1/4 Stereo
- Function : Timer with interval and duration; manual ON/OFF
- Compatible With : Z-1000II, Z-1000III, Z-1020

**Z-50 Wireless Remote**

- Working Distance : Up to 50 M
- Connector : 1/4 Stereo
- Function : Wireless ON/OFF
- Compatible With : Z-800II, Z-1000II, Z-1020

**BCR-1 Wireless Remote**

- Working Distance : Up to 50 M
- Connector : 1/4 Stereo
- Function : Wireless ON/OFF
- Compatible With : B-100X, B-200



**BCT-1
Timer Remote**

- Cable Length : 25 ft
- Connector : 1/4 Stereo
- Function :
Timer with interval and duration;
manual ON/OFF
- Compatible With : B-100X, B-300

**HC-1
Timer Remote**

- Cable Length : 25 ft
- Connector : 1/4 Stereo
- Function :
Timer with interval and duration;
manual ON/OFF
- Compatible With : H2-100, H2-150, H2-400

**HCR-1
Wireless Remote**

- Working Distance : Up to 50 M
- Connector : 1/4 Stereo
- Function : Wireless ON/OFF
- Compatible With : H2-100, H2-400

**MCR-1
Wireless Remote**

- Working Distance : Up to 50 M
- Connector : 4 Pin DIN
- Function : Wireless ON/OFF
- Compatible With : M-1

**MCT-1
Timer Remote**

- Cable Length : 8M
- Connector : 4 Pin DIN
- Function :
Timer with interval and duration;
manual ON/OFF
- Compatible With : M-1

**SC-2
Remote**

- Cable Length : 25 ft
- Connector : 4 Pin XLR
- Function : ON/OFF and volume
- Compatible With : S-300X, S-200X, SW-250

**SC-3
Remote**

- Cable Length : 25 ft
- Connector : 4 Pin XLR
- Function : Timer with interval and duration;
manual ON/OFF
- Compatible With : S-500



Wireless distance may vary depending on the interference.

Hanging Bracket Sets

M-5-HB
Hanging Bracket
For M-5, M-8



IP-1500-HB
Hanging Bracket
For IP-1500



W-510-HB
Hanging Bracket
For W-510

W-515-HB
Hanging Bracket
For W-515D, W-5300

Fluid Tubes / Adaptors / Filters

- FT-4 : 4mm Fluid tube
- FT-6 : 6mm Fluid tube
- FLF-4 : Fluid filter for 4mm tube
- FLF-6 : Fluid filter for 6mm tube
- FTA-64 : Adaptor for 4mm to 6mm tube connection
- FTA-66 : Adaptor for 6mm to 6mm tube connection
- FTA-664 : T-type adapter for two 6mm tubes to one 4mm tube connection

Remote Control Extension Cables

EXT-1
25 ft. extension cable
with 1/4 stereo plug



EXT-3
25 ft. extension cable with
5-pin XLR connectors



EXT-5
25 ft. extension cable with
5-pin DIN connectors

EXT-4
25 ft. extension cable with
3-pin XLR connectors

EXT-6
25 ft. extension cable with
4-pin XLR connectors



FTA-1



FTA-2A



FTA-3

Fog Hose Adaptor

Adaptor for connecting fog conducting hose FT-10 for DNG-100 Fog Cooler to the desired Antari fog machine.

- FTA-1 : Adaptor for connecting fog conducting hose FT-10 to M-5, M-10, W-510, W-5150 and W-5300 fog machines, in order to achieve strategic fog placement.

- FTA-2A : The same function as the FTA-1, specifically designed for Z-1000II and Z-1700II fog machines.

- FTA-3 : The same function as the FTA-1, specifically designed for Z-1500II and Z-3000II fog machines.



FTA-11

Fog conducting hose adaptor for DNG-100. The hoses adaptor can be installed on it and this can split low fog output into two.



FTA-200
Fog Conducting
Hose Adaptor

Fog conducting hose adaptor for DNG-200 and DNG-250.

The hoses adaptor can be installed on it and this can split low fog output into two.



FT-10 Fog Conducting Hose

Fog conducting hose with 12cm diameter and is 10 meters in length.

The DNG-100 Low fog cooler is equipped with one FT-10 to connect to the fog machine. This additional hose is needed to redirect the fog output coming out of the DNG-100.

With this optional hose, fog can be extended anywhere within 10m of the DNG-100.

FlightCase



FDNG-250

- Dimensions (mm) :
L 865 W 695 H 1020
- Weight : 46,5 kg
- Compatible With :
DNG-250



FX-4

- Dimensions (mm) :
L 495 W 418 H 500
- Weight : 12,3 kg
- Compatible With :
Z-1020, Z-1520,
W-715, Z-350
- Two units in one case



FX-5

- Dimensions (mm) :
L 644 W 451 H 328
- Weight : 12,5 kg
- Compatible With :
M-5, M-8, M-10,
W-5150, W-5300



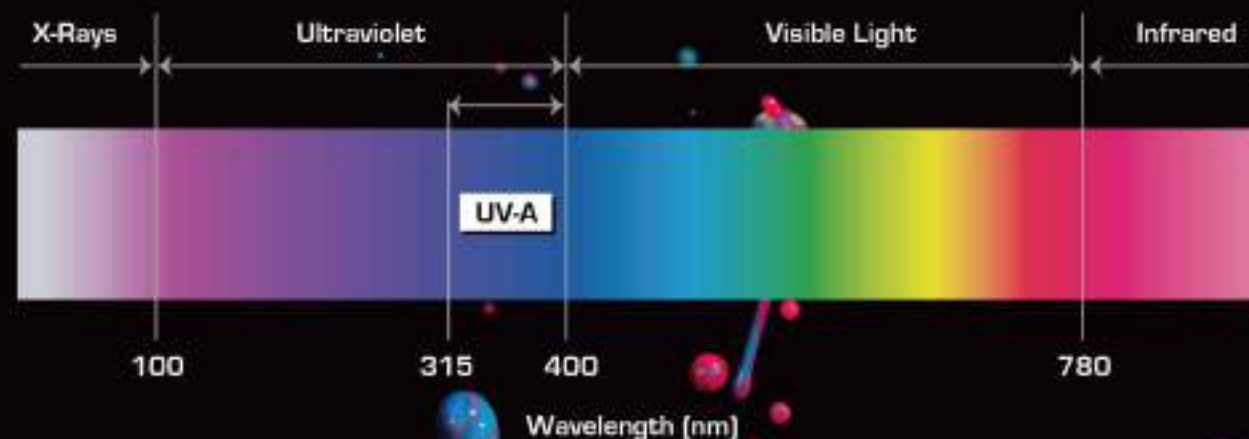
Antari
UV EFFECTS
darkfx.antari.com

DarkFX

Intro

The prodigious DarkFX Series has adopted the latest LED technology with a peak wavelength of 365nm. Because, 365nm is in the middle of UV-A wavelength the emitted light evenly covers the whole spectrum producing a traditional blacklight effect without the visible light associated with most LED based blacklights. All UV reactive material reflects perfectly with stunning bright and vivid colors.

Traditional blacklight fixtures emit long-wave ultraviolet (UV) light without much visible light. The UV spectrum ranges from 100 to 400 nanometers (nm), emitting light that is generally invisible to the human eye*, however the higher the "nm" rating the more visible light. Traditionally the entertainment industry has used the UV-A spectrum (315-400nm), which is not harmful to humans, widely adopted in light fixtures, counterfeit detection, medical use and industrial curing.



*Typical human eye will respond to wavelength from 380 to 700nm



UV reactive material such as UV Paint, UV Make-up, and fluorescent minerals produce the best "glow" effect without any ambient light. Most LED blacklights in the market today have a peak wavelength between 390-410nm which is where the UV and visible light spectrums begin to overlap, in these cases the ambient light generated is very purple or blueish making the end result less than ideal when trying to create a true blacklight environment.

Application Area

Theater, Amusement Parks, TV & Film,
Themed Architecture and Entertainment Venues

Dark FX UV Paint

UV paint is also known as black light paint. Articles with UV paint applied react to UV light source and glow.

Available colors: Bright Green, Bright Orange, Bright Red, Brilliant Yellow, Deep Blue, Deep Violet, Deep Yellow, Hot Pink, Magenta, and Invisible Blue

Available capacities: 6 fluid ounce (177 ml), 1 quart (946 ml), and 1 gallon (3.78 Liter)



NEW *DarkFX* **Strip 1020**

Features

- High efficiency UV LED
- Peak wavelength at 365nm
- Minimum visible light
- High output 9000mW at full intensity
- Special optics will not degrade by high UV exposure
- Flicker free

Specification

• Input voltage	DC 48V @ 0.5A
• Rated power	24W
• LED	12 x 1.5W High Power UV LED
• Optics	40 degree
• Radiant flux output	9000 mW
• Project lamp life	20,000 hrs L70 at 25C

• Peak wavelength	365nm
• Cable connection	22 AWG wire cable
• Housing	Aluminum Extrusion
• Protection rating	IP-20 Indoor use only
• Dimension	L 1193.2 x W 30 x H 100.6 mm
• Dry weight	1.9 kg

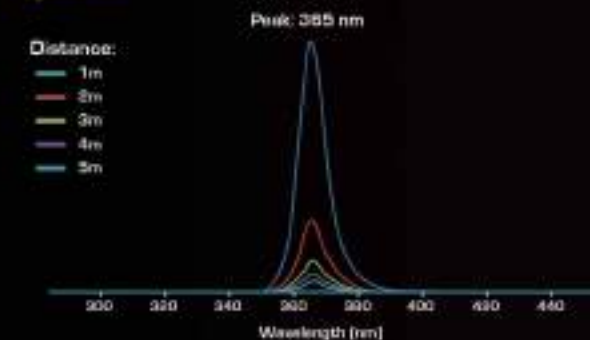
Illuminance measurement

Distance (m)	1	2	3	4	5
Intensity	450 [$\mu\text{W}/\text{cm}^2$] 4.50 [W/m^2]	158 [$\mu\text{W}/\text{cm}^2$] 1.58 [W/m^2]	79 [$\mu\text{W}/\text{cm}^2$] 0.79 [W/m^2]	42 [$\mu\text{W}/\text{cm}^2$] 0.42 [W/m^2]	31 [$\mu\text{W}/\text{cm}^2$] 0.31 [W/m^2]
Intensity degradation rate (compare with 1m)	0%	64.9 %	82.5 %	90.7 %	93.0 %

Dimensions



Spectrum



DarkFX Wash 2000 IP

Features

- High efficiency UV LED
- Peak wavelength at 365nm
- Special optics will not degrade to high UV exposure
- Minimum visible light
- High output 24800mW at full intensity
- Flicker free
- Weather proof IP 65
- Neutrik PowerCON True1 connector



Specification

- Input voltage: AC100-240V 50-60Hz
- Rated power: 70W
- LED: 33 x 1.5W High Power UV LED
- Refresh rate: 500 Hz
- Optics: 25 degrees
- Output: 24800mW
- Project lamp life: 20,000 hrs L70 at 25 degrees
- Color range: 365nm

- Control option: DMX 512, Manual
- DMX channels: 1, 2
- Operation: Digital display with 4 buttons
- Power connection: 3-Pin waterproof connector
- Data connection: 3-Pin waterproof connector
- Housing: Aluminum die-cast
- Protection rating: IP65
- Dimension: L 454 x W 116 x H 331 mm
- Weight: 10.4 Kg

Illuminance measurement

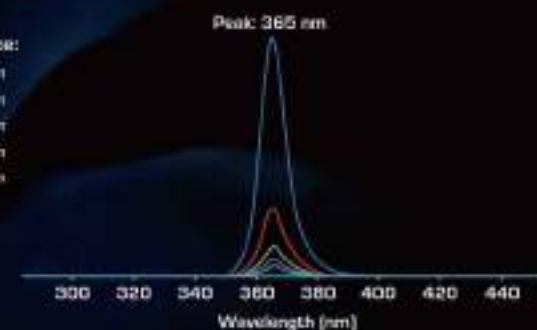
Distance (m)	1	2	3	4	5
Intensity	5462 [$\mu\text{W}/\text{cm}^2$] 54.62 [W/m^2]	1572 [$\mu\text{W}/\text{cm}^2$] 15.72 [W/m^2]	718 [$\mu\text{W}/\text{cm}^2$] 7.18 [W/m^2]	408 [$\mu\text{W}/\text{cm}^2$] 4.08 [W/m^2]	251 [$\mu\text{W}/\text{cm}^2$] 2.51 [W/m^2]
Intensity degradation rate (compare with 1m)	0 %	71.2 %	86.8 %	92.5 %	95.4 %

Dimensions



Spectrum

- Distance:
- 1m
 - 2m
 - 3m
 - 4m
 - 5m



DarkFX Wash 2000

Features

- High efficiency UV LED
- Peak wavelength at 365nm
- Minimum visible light
- High output 20290mW at full intensity
- Special optics will not degrade by high UV exposure
- Flicker free
- Adjustable modular strips to maximize coverage



Specification

• Input voltage	AC100-240V 50-60Hz
• Rated power	55W
• LED	27 x 1.9W High Power UV LED
• Refresh rate	500 Hz
• Optics	25 degrees
• Radiant flux output	20290 mW
• Project lamp life	20,000 hrs L70 at 25C
• Peak wavelength	365nm
• Control option	DMX 512, Manual

• DMX channels	1, 2
• Operation	8 bit DMX 512 2 x 16 digit display with 4 buttons
• Power connection	Neutrik Powercon in / through
• DMX data connection	5 pin XLR
• Housing	Metz
• Protection rating	IP-20 Indoor use only
• Dimension	L 600 x W 181.2 x H 181.7 mm
• Dry weight	6.37 kg

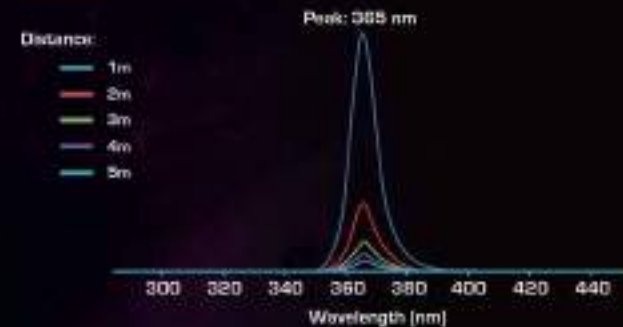
Illuminance measurement

Distance (m)	1	2	3	4	5
Intensity	4184 [$\mu\text{W}/\text{cm}^2$] 41.84 [W/m^2]	1737 [$\mu\text{W}/\text{cm}^2$] 17.37 [W/m^2]	938 [$\mu\text{W}/\text{cm}^2$] 9.33 [W/m^2]	646 [$\mu\text{W}/\text{cm}^2$] 6.46 [W/m^2]	526 [$\mu\text{W}/\text{cm}^2$] 5.26 [W/m^2]
Intensity degradation rate [compare with 1m]	0 %	65.3 %	83.8 %	87.7 %	90.9 %

Dimensions



Spectrum



DarkFX Spot 1750

Features

- High efficiency UV LED
- Peak wavelength at 365nm
- Minimum visible light
- High output 19080mW at full intensity
- Special optics will not degrade by high UV exposure
- Flicker free
- 15 degrees narrow beam angle



Specification

• Input voltage	AC100-240V 50/60Hz
• Rated power	72W
• LED	4 x 18W High Power UV LED
• Refresh rate	600 Hz
• Optics	20 degrees
• Radiant flux output	19080 mW
• Project lamp life	20,000 hrs L70 at 25C
• Peak wavelength	365nm
• Control option	DMX 512, Manual

• DMX channels	1, 2
• Operation	2 x 16 digit display with 4 buttons
• Power connection	Neutrik Powercon in / through
• DMX data connection	5pin XLR
• Housing	Metal
• Protection rating	IP20 Indoor use only
• Dimension	L 234.6 x W 193.2 x H 247.4 mm
• Dry weight	3.2 kg

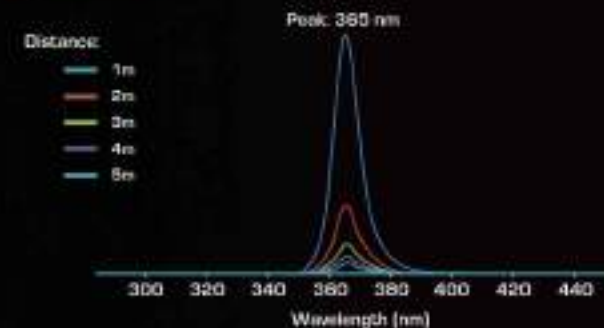
Illuminance measurement

Distance [m]	1	2	3	4	5
Intensity	6573 [$\mu\text{W}/\text{cm}^2$] 65.73 [W/m^2]	1780 [$\mu\text{W}/\text{cm}^2$] 17.80 [W/m^2]	769 [$\mu\text{W}/\text{cm}^2$] 7.69 [W/m^2]	439 [$\mu\text{W}/\text{cm}^2$] 4.39 [W/m^2]	288 [$\mu\text{W}/\text{cm}^2$] 2.88 [W/m^2]
Intensity degradation rate [compare with 1m]	0%	73.2%	86.3%	93.3%	95.6%

Dimensions



Spectrum



DarkFX Strip 510

Features

- High efficiency UV LED
- Peak wavelength at 365nm
- Minimum visible light
- High output 4500mW at full intensity
- Special optics will not degrade by high UV exposure
- Flicker free



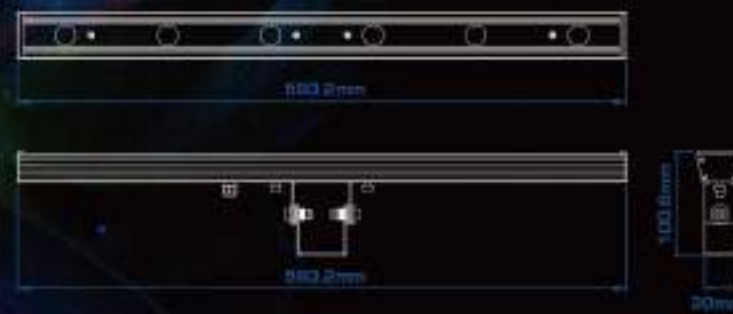
Specification

• Input voltage	DC 20-24V	• Peak wavelength	365nm
• Rated power	12W	• Cable connection	22 AWG wire cable
• LED	6 x 1.9W High Power UV LED	• Housing	Aluminum Extrusion
• Optics	25 degrees	• Protection rating	IP-20 Indoor use only
• Radiant flux output	4500 mW	• Dimension	L 593.2 x W 30 x H 100.6 mm
• Project lamp life	20,000 hrs L70 at 25C	• Dry weight	1.08 kg

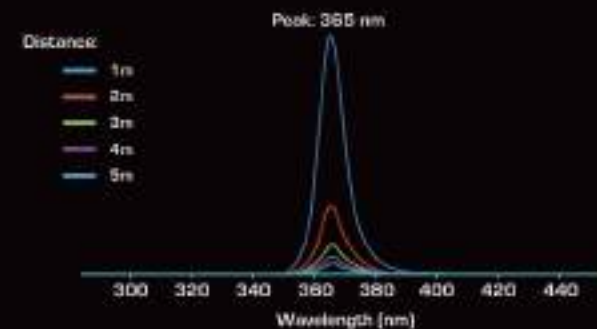
Illuminance measurement

Distance (m)	1	2	3	4	5
Intensity	700 [$\mu\text{W}/\text{cm}^2$] 7.00 [W/m^2]	211 [$\mu\text{W}/\text{cm}^2$] 2.11 [W/m^2]	99 [$\mu\text{W}/\text{cm}^2$] 0.99 [W/m^2]	54 [$\mu\text{W}/\text{cm}^2$] 0.54 [W/m^2]	38 [$\mu\text{W}/\text{cm}^2$] 0.38 [W/m^2]
Intensity degradation rate (compare with 1m)	0%	69.8 %	85.9 %	92.2 %	94.5 %

Dimensions



Spectrum



DarkFX Strip 510 IP

Features

- High efficiency UV LED
- Peak wavelength at 365nm
- Minimum visible light
- High output 4500mW at full intensity
- Special optics will not degrade by high UV exposure
- Flicker free



Specification

- Input voltage	DC 20-24V	- Peak wavelength	365nm
- Rated power	12W	- Cable connection	22 AWG wire cable
- LED	6 x 1.9W High Power UV LED	- Housing	Aluminum Extrusion
- Optics	25 degrees	- Protection rating	IP65
- Radiant flux output	4500 mW	- Dimension	L 605.9 x W 54.3 x H 100.6 mm
- Project lamp life	20,000 hrs L70 at 25C	- Dry weight	1.08 kg

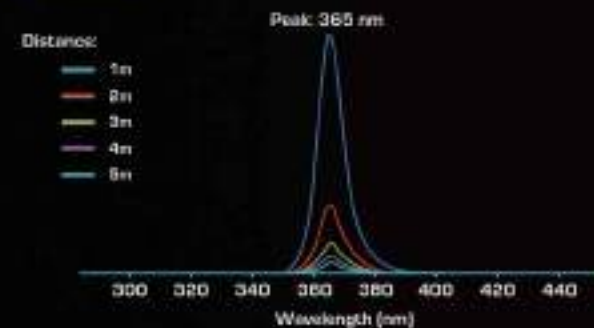
Illuminance measurement

Distance [m]	1	2	3	4	5
Intensity	700 [$\mu\text{W}/\text{cm}^2$] 7.00 [W/m^2]	211 [$\mu\text{W}/\text{cm}^2$] 2.11 [W/m^2]	99 [$\mu\text{W}/\text{cm}^2$] 0.99 [W/m^2]	54 [$\mu\text{W}/\text{cm}^2$] 0.54 [W/m^2]	38 [$\mu\text{W}/\text{cm}^2$] 0.38 [W/m^2]
Intensity degradation rate (compare with 1m)	0%	69.8 %	85.9 %	92.2 %	94.5 %

Dimensions



Spectrum



DarkFX Spot 510 IP

Features

- High efficiency UV LED
- Peak wavelength at 365nm
- Minimum visible light
- High output 4500mW at full intensity
- Special optics will not degrade by high UV exposure
- Flicker free
- Weather proof IP-65



Specification

• Input voltage	DC 20-24V	• Peak wavelength	365nm
• Rated power	12W	• Cable connection	22 AWG wire cable
• LED	6 x 1.9W High Power UV LED	• Housing	Aluminum Die Casting
• Optics	15 degrees	• Protection rating	IP-65
• Radiant flux output	4500mW	• Dimension	W 110.5 x D 48.8 x H 134.3 mm
• Project lamp life	20,000 hours L70 at 25C	• Dry weight	0.71 kg

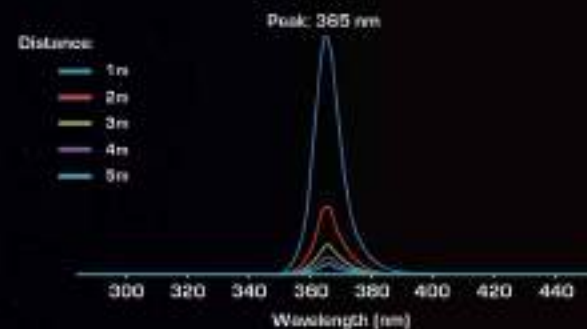
Illuminance measurement

Distance (m)	1	2	3	4	5
Intensity	2082 [$\mu\text{W}/\text{cm}^2$] 20.62 [W/m^2]	534 [$\mu\text{W}/\text{cm}^2$] 5.34 [W/m^2]	213 [$\mu\text{W}/\text{cm}^2$] 2.13 [W/m^2]	126 [$\mu\text{W}/\text{cm}^2$] 1.26 [W/m^2]	76 [$\mu\text{W}/\text{cm}^2$] 0.76 [W/m^2]
Intensity degradation rate (compare with 1m)	0 %	74.1 %	89.6 %	93.9 %	96.3 %

Dimensions



Spectrum



DarkFX Spot 670

Features

- High efficiency UV LED
- Peak wavelength at 365nm
- Minimum visible light
- High output 6760mW at full intensity
- Special optics will not degrade by high UV exposure
- Flicker free
- 15 degrees narrow beam angle



Spot 670 Specification

- Input voltage	AC100-240V 50-60Hz	- Control option	DMX 512, Manual
- Rated power	21W	- DMX channels	1, 2
- LED	9 x 1.5W High Power UV LED	- Operation	2 x 16 digit display with 4 buttons
- Refresh rate	500 Hz	- Power connection	Neutrik Powercon in / through
- Optics	15 degrees	- DMX data connection	5-pin XLR
- Radiant flux output	6760 mW	- Housing	Metal
- Project lamp life	20,000 hrs L70 at 25C	- Protection rating	IP20 indoor use only
- Peak wavelength	365nm	- Dimension	L 205 x W 125 x H 125 mm
		- Dry weight	2.64 kg

IP Enclosure Specification

- Housing	Metal
- Protection rating	IP-63
- Dimension	L 320.5 x W 173 x H 141.2 mm
- Dry weight	3.08 kg



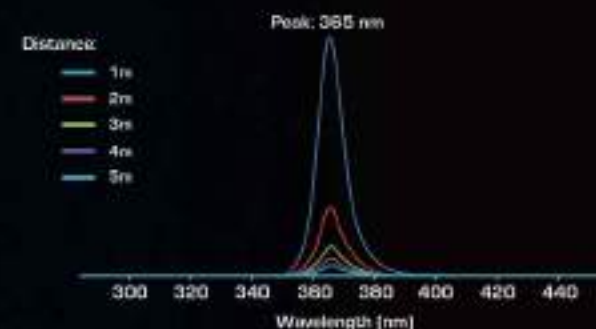
Illuminance measurement

Distance [m]	1	2	3	4	5
Intensity	4976 [$\mu\text{W}/\text{cm}^2$] 49.76 [W/m^2]	1675 [$\mu\text{W}/\text{cm}^2$] 16.75 [W/m^2]	807 [$\mu\text{W}/\text{cm}^2$] 8.07 [W/m^2]	614 [$\mu\text{W}/\text{cm}^2$] 6.14 [W/m^2]	451 [$\mu\text{W}/\text{cm}^2$] 4.51 [W/m^2]
Intensity degradation rate (compare with 1m)	0 %	66.3 %	83.8 %	87.7 %	90.9 %

Dimensions



Spectrum



NEW **DarkFX** **Drive 4 MKII**

Features

- Compact and robust design
- 4 output terminals for DarkFX UV fixtures
- Neutrik powercon in/thru
- 2 x 16 digit LCD display interface
- DMX control option
- RDM feature set



Specification

• Input voltage	AC100-240V 50-60Hz
• Rated power	100W
• Refresh rate	500Hz
• Output current	Constant 500mA Max. per channel
• Control option	RDM, DMX 512, Manual
• DMX channels	1, 2
• Operation	2 x 16 digit display with 4 buttons

• Fixture output	4 terminal block
• Power connection	Neutrik Powercon in/thru
• DMX data connection	5-pin XLR
• Housing	Metal
• Protection rating	IP20 Indoor use only
• Dimension	L 211 x W 167 x H 70 mm
• Dry weight	1.62 kg

Dimensions



DarkFX Drive 4

Features

- Compact and robust design
- 4 output terminals for DarkFX UV fixtures
- Neutrik powercon in/through
- 2 x 16 digit LCD display interface
- DMX control option



Specification

- | | |
|------------------|-------------------------------------|
| • Input voltage | AC100-240V 50-60Hz |
| • Rated power | 75W |
| • Refresh rate | 500Hz |
| • Output current | Constant 500mA Max. per channel |
| • Control option | DMX 512, Manual |
| • DMX channels | 1, 2 |
| • Operation | 2 x 16 digit display with 4 buttons |

- | | |
|-----------------------|-----------------------------|
| • Fixture output | 4 terminal block |
| • Power connection | Neutrik Powercon in/through |
| • DMX data connection | 5-pin XLR |
| • Housing | Metal |
| • Protection rating | IP20 Indoor use only |
| • Dimension | L 211 x W 167 x H 70 mm |
| • Dry weight | 1.82 kg |

Dimensions



	MODEL	RATED POWER	WARM UP TIME	OUTPUT (Cm³ / min)	FLUORIDE CARBONATE (mg/L)	HANGING BRACKET	REMOTE CONTROL	MODEL	DMX ON-BOARD	W-DMX ON-BOARD	TIMER REMOTE	WIRELESS REMOTE	IR B. REMOTE EXTENSION	COMPATIBLE WITH DMX-100	DMX-100 ADAPTOR	MACHINE LINKABLE
NEW	AF-3 / AF-3X	127W	N/A	N/A	N/A	YES	2-3 (Optional)	AF-3 / AF-3X	YES	NO	N/A	WTR-30 (Optional)	DO-3	N/A	N/A	YES
	AF-4 / AF-4R	100W	N/A	N/A	N/A	YES	2-3 (Optional)	AF-4 / AF-4R	YES	N/A	N/A	WTR-20 (For AF-4R Only)	DO-4	N/A	N/A	YES
	AF-5 / AF-5R	1740W	N/A	N/A	N/A	AF-5-RS (Optional)	N/A	AF-5 / AF-5R	YES	N/A	N/A	WTR-30 (For AF-5R Only)	N/A	N/A	N/A	YES
	B-100 / B-100R	30W	N/A	N/A	0.7	YES	B-100 / N/A, B-100R: 2-10 (Optional)	B-100	N/A	N/A	B-100 / N/A, B-100R: RCT-1 (Optional)	B-100 / N/A, B-100R: RCB-5 (Optional)	N/A	N/A	N/A	N/A
	B-200	100W	N/A	N/A	2.0	YES	N/A	B-200	YES	N/A	RCR-1 (Optional)	RCR-5 (Optional)	EXT-1	N/A	N/A	YES
	DMG-100	120W / 750W, 240W / 800W	N/A	N/A	N/A	N/A	N/A	DMG-100	N/A	N/A	N/A	N/A	N/A	-	-	N/A
	DMG-250	240W / 1000W	240W / 2 minutes (approx.)	1200cm³/min	3.0	N/A	N/A	DMG-250	YES	N/A	N/A	N/A	DO-3	-	-	YES
	F-1	700W	4.5 minutes (approx.)	6200	2.4	N/A	N/A	F-1	YES	WTR-40 (Optional)	N/A	WTR-30 (Optional)	N/A	N/A	N/A	YES
	F-4	1400W	1 minutes (approx.)	16000	5	N/A	N/A	F-4	YES	W-DMX-PCBR (Optional)	N/A	N/A	N/A	N/A	N/A	YES
	F-7	1620W	8 minutes (approx.)	Fog Mode : 20000, Face Mode : 4000		5	N/A	N/A	F-7	YES	YES	N/A	N/A	N/A	YES	FTX-1
	FT-20	600W	1 sec	N/A	0.4	N/A	2-3 (Optional)	FT-20	YES	N/A	N/A	WTR-20 (Optional)	EXT-1	N/A	N/A	YES
	FT-50 / FT-55	1450W	7.5 minutes (approx.)	N/A	N/A	N/A	FC-1 (For FT-55 Only)	FT-50 / FT-55	N/A	N/A	N/A	FCR-1 (Optional, For FT-55 Only)	N/A	N/A	N/A	N/A
	FT-100	1400W	0.5 minutes (approx.)	20000	8	N/A	2-3 (Optional)	FT-100	YES	N/A	N/A	W-2	EXT-1	YES	FTX-1	YES
	FT-200	1900W	10 minutes (approx.)	N/A	2.4	N/A	2-3 (Optional)	FT-200	YES	N/A	N/A	W-2	EXT-1	N/A	N/A	YES
	HC-100	180W	N/A	1000	2.5	N/A	N/A	HC-100	N/A	N/A	HC-1 (Optional)	RCR-1 (Optional)	EXT-1	N/A	N/A	N/A
	HC-150	300W	N/A	2000	3.5	N/A	N/A	HC-150	YES	N/A	HC-1 (Optional)	W-1	EXT-1	N/A	N/A	YES
	HC-400	470W	N/A	2800	2.0	N/A	N/A	HC-400	YES	N/A	HC-1	RCR-1 (Optional)	EXT-1	N/A	N/A	YES
	HC-500	480W	N/A	5000	2.5	N/A	N/A	HC-500	YES	N/A	N/A	N/A	N/A	N/A	N/A	YES
	HC-3500	1150W	N/A	7500	6.4	N/A	N/A	HC-3500	YES	W-DMX-PCBR (Optional)	N/A	N/A	N/A	N/A	N/A	YES
	ICE-101	1130W	4.5 minutes (approx.)	10000	2.0	N/A	N/A	ICE-101	YES	N/A	2-8	N/A	EXT-6	N/A	N/A	YES
	IF-1000	1000W	11.5 minutes (approx.)	15000	N/A	N/A	IF-10	IF-1000	N/A	N/A	N/A	N/A	N/A	YES	FTX-1	N/A
	IF-1500	1500W	9 minutes (approx.)	20000	N/A	YES	N/A	IF-1500	YES	N/A	N/A	W-1	N/A	YES	FTX-1	YES
	ICX-15	40W	N/A	N/A	N/A	N/A	N/A	ICX-15	YES	N/A	N/A	N/A	N/A	N/A	N/A	YES
	ICX-25	40W	N/A	N/A	N/A	N/A	N/A	ICX-25	YES	N/A	N/A	N/A	N/A	N/A	N/A	YES
	M-1	75W	1 sec	300	130ml	N/A	N/A	M-1	N/A	N/A	RCR-1 (Optional)	RCR-1 (Optional)	N/A	N/A	N/A	N/A
	M-4	1450W	5 minutes (approx.)	N/A	2.4	N/A	N/A	M-4	YES	W-DMX-PCBR (Optional)	N/A	WTR-30 (Optional), WTR-30 (Optional)	N/A	N/A	N/A	YES
	M-4							M-4		WTR-100 (Optional)		WTR-100 (Optional)				
	M-5	1500W	8 minutes (approx.)	25000	10	W-5-RS (Optional)	M-20	M-5	YES	N/A	M-20	M-30P80 (Optional)	EXT-3	YES	FTX-1	YES
	NEW M-7X RGBA	1510W	7 minutes (approx.)	N/A	2.4	N/A	N/A	NEW M-7X RGBA	YES	WTR-90 (Optional)	N/A	W-2	N/A	N/A	N/A	YES
	M-8	1700W	9.5 minutes (approx.)	50000	10	W-5-RS (Optional)	M-21	M-8	YES	N/A	M-21	M-31 (Optional)	EXT-3	YES	FTX-1	YES
	M-10	3000W	9.5 minutes (approx.)	60000	10	N/A	M-20	M-10	YES	N/A	M-20	M-30P80 (Optional)	EXT-3	YES	FTX-1	YES
	S-200R	880W	N/A	N/A	5.0	YES	90-2	S-200R	YES	N/A	N/A	N/A	EXT-4	N/A	N/A	YES
	SA-250	880W	N/A	N/A	6.0	YES	90-2 (Optional)	SA-250	YES	N/A	N/A	N/A	EXT-4	N/A	N/A	YES
	S-500	950W	N/A	N/A	20	N/A	90-5 (Optional)	S-500	YES	W-DMX-PCBR normal, WTR-70 (Optional)	N/A	W-2 (Optional), WTR-20 (Optional), WTR-70 (Optional)	EXT-4	N/A	N/A	YES
	W-101	30W	N/A	N/A	0.7	YES	N/A	W-101	N/A	N/A	N/A	W-1	N/A	N/A	N/A	N/A
	W-500	800W	2 minutes (approx.)	3000	0.8	N/A	N/A	W-500	N/A	N/A	N/A	W-1	N/A	N/A	N/A	N/A
	W-510	1000W	1.5 minutes (approx.)	15000	2.8	W-510-RS (Optional)	N/A	W-510	YES	N/A	N/A	W-1	N/A	YES	FTX-1	YES
	W-5150	1450W	10 minutes (approx.)	20000	4	W-515-RS (Optional)	N/A	W-5150	YES	YES	N/A	W-1	N/A	YES	FTX-1	YES
	W-5300	2500W	12 minutes (approx.)	40000	6	W-515-RS (Optional)	N/A	W-5300	YES	YES	N/A	W-1	N/A	YES	FTX-1	YES
	W-715	1900W	7.5 minutes (approx.)	N/A	2.4	N/A	W-1	W-715	YES	N/A	N/A	N/A	N/A	N/A	N/A	YES
	Z-800R	800W	4 minutes (approx.)	3000	0.8	N/A	Z-10	Z-800R	N/A	N/A	2-40 (Optional)	2-50 (Optional)	EXT-1	N/A	N/A	N/A
	Z-1000R	1000W	5 minutes (approx.)	11000	1.7	YES	Z-10	Z-1000R	YES	N/A	2-40 (Optional)	2-50 (Optional)	EXT-1	YES	FTX-2A	YES
	Z-1020	1000W	1.5 minutes (approx.)	N/A	2.4	N/A	Z-10	Z-1020	YES	N/A	2-40 (Optional)	2-50 (Optional)	EXT-1	N/A	N/A	N/A
	Z-1200R	1200W	10 minutes (approx.)	18000	2.5	YES	N/A	Z-1200R	YES	N/A	2-8	2-8 (Optional)	EXT-4	YES	FTX-2A	YES
	Z-1500R	1450W	10 minutes (approx.)	25000	6.0	N/A	Z-20	Z-1500R	YES	N/A	Z-20	Z-30P80 (Optional)	EXT-3	YES	FTX-2	YES
	Z-1520 RGB	1610W	5 minutes (approx.)	N/A	2.4	N/A	N/A	Z-1520 RGB	YES	N/A	N/A	W-2	N/A	N/A	N/A	YES
	Z-3000R	3500W	17 minutes (approx.)	40000	6.0	N/A	Z-30	Z-3000R	YES	N/A	Z-30	Z-30P80 (Optional)	EXT-3	YES	FTX-3	YES
	Z-350	730W	4.5 minutes (approx.)	3000	1.3	N/A	Z-3 (Optional)	Z-350	YES	N/A	N/A	N/A	EXT-1	N/A	N/A	YES
	Z-380	120W / 1400W, 340W / 1500W	1.5 minutes (approx.)	6000	1.2	YES	Z-3 (Optional)	Z-380	YES	N/A	N/A	N/A	W-2 (Optional), WTR-20 (Optional)	EXT-1	N/A	N/A

"Although a watch is a statement of character and fashion, its primary purpose is to measure and communicate our most important resource. That resource is time."

Time is the one thing in which we are all equal. We cannot make more of it no matter how much we try. No amount of money or effort will influence its passing. In the time we have available, every moment must be seized, every opportunity taken.

In a day an idea is borne of inspiration
In a week ideas develop into projects
In a month a prototype is realised, ready for testing
In a year a product enters the market, the end result of time, money and passion
A lifetime a record of achievements, of developed ideas, of effort and passion from new beginnings through growth to maturity; from obscurity to recognition.

This is our commitment to you. Our time is devoted to our partners, supporters and clients – to reach our shared aspirations."



2019 DNG-250

