USER MANUAL
Creeper AQ Low Fog Generator

V1.1
2024/06/24

Creeper AQ PLUS

Creeper AQ

SHOWVEN Technologies Co., Ltd.

Thanks for choosing SHOWVEN® CREEPER AQ series low fog generator, we wish it will bring you lots of exciting moments.
Please read the following manual carefully before operating this product.

Δ SAFETY CONSIDERATIONS

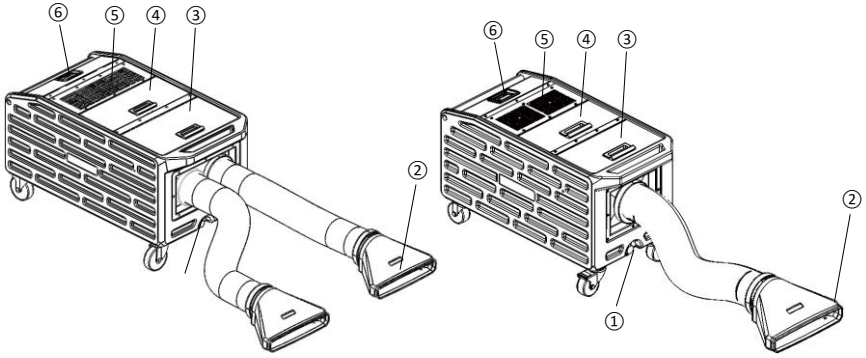
- Unauthorized repair are prohibited, it may cause serious incident
- Make sure power supply in consistent with the rated voltage of the equipment, and the socket must well grounded. Unplug and turn off the machine when not use
- CREEPER AQ series machine can be used both indoor and outdoor, with better effect for indoor use. Please try to keep the machine dry
- Not use the machine in high temperature
- Installed in well ventilated area, ensure at least 50cm space around the machine, cover of the nozzle is forbidden
- For adult use only, keep it away from children, fire, inflammable and explosive articles
- If the machine fails to work, please stop operation and unplug the machine. Check fog fluid bottle, water tank, fuse, power connection etc. carefully, if can't solve the problem, please contact SHOWVEN® or your local SHOWVEN® partner for advise
- Suggest use SHOWVEN® original FX-M fog fluid, other fluid may lead to clog or malfunction
- In case of eye contact of fog fluid, please wash it with clean water. If fluid is swallowed immediately look for medical advice
- Please do NOT adding any other material such as grease, pigment, gas etc to the fluid bottle or water tank
- The device shall not be altered and applied to other use purpose

Δ Technical Specifications

	Creeper AQ PLUS	Creeper AQ
Model:	Creeper AQ PLUS	Creeper AQ
Dimension:	950×500×540mm	805×390×480mm
Weight:	48kg	35kg
Voltage:	AC200-240V, 50-60Hz AC100-120V, 50-60Hz	AC200-240V, 50-60Hz AC100-120V, 50-60Hz
Work Power:	2500W	2000W
Heat-up Time:	Appr. 5min	Appr. 5min
Fluid Tank Capacity:	3.3L	3.3L
Water Tank Capacity:	35L	24L
DMX-512:	YES	YES
Remote control:	YES	YES
Output Adjustable:	1-100	1-100
Max. Fog Output:	20,000 cfm/min	15000 cfm/min
Max. Coverage:	Appr. 400 ㎡	Appr. 300 ㎡
Max. Fluid Consumption.	Appr. 32ml/min	Appr. 32ml/min
Max. Water Consumption:	Appr. 500ml/min	Appr. 375ml/min

\	Continuous Output:	YES	YES
\	Fully loaded Output Time:	100+ min	100+ min
\	Consumable:	FX-M Fog Fluid, Water	FX-M Fog Fluid, Water

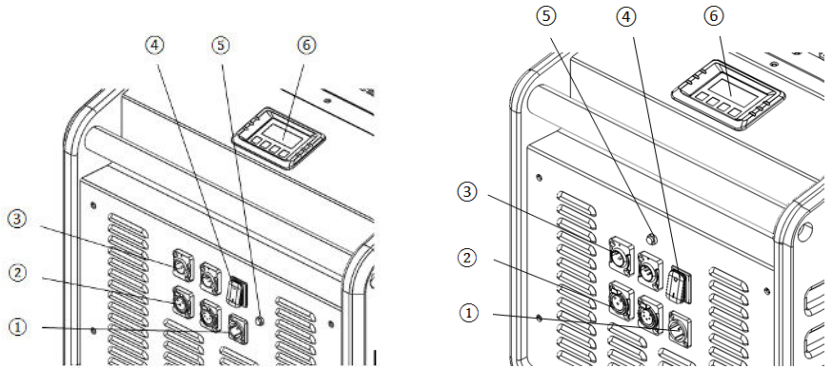
Δ Product Overview



Creeper AQ PLUS　　Creeper AQ

1. Drain　　2. Fog Output Head　　3. Water Tank
4. Fluid Tank　　5. Fan　　6. Control Panel

Δ Control Panel Overview

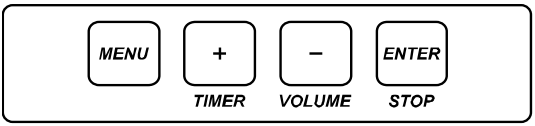


Creeper AQ PLUS　　Creeper AQ

1. Power Socket　　2. 5-Pin DMX IN/OUT　　3. 3-Pin DMX IN/OUT
4. Power ON/OFF　　5. Fuse　　6. LCD Control Panel

Δ Operation Panel

1. Control button area



MENU: switch through setup menu;

+: Parameter up; multiplex "TIMER" (smoke output time)

-: Parameters down; multiplex "VOLUME" (smoke output start)

ENTER: confirm and save parameters (screen will blink once when save successfully); multiplex "STOP".

NOTE: Screen will switch to main interface automatically if not press any button in a period time.

Δ Interface

1. Main interface:

First Line: DMX address and Fan Speed, ":" blinks when there is DMX in signal

Second Line: Shows machine core temperature and Fog Volume. The machine ready for operate when tempera ture value close to 100%

2. Error information:

Error information	Explanation
E2 Temp. Sensor	Temp. Sensor Malfunction
E3 Water Sensor I	Low water level of Inner Water Tank, system is pumping water to inner water tank or liquid level sensor malfunction
E4 Water Sensor O	Low water level of Outer Water Tank, need to feeding the water tank or liquid level sensor malfunction
E5 K Temp. Over	Circuit board malfunction
E6 Heat Fail	Heater broken or circuit board malfunction

3. Setting Menu:

Press "MENU" switch through setup menu.

Options	Range	Explanation
DMX Address	1~512	DMX address setup
Fog Output	1-100%	Fog output volume setup
Fan Speed	1-100%	Fan speed setup

Interval Set	1-600	Set fog output interval
Duration Set	1-600	Set fog output duration
Wireless Set	ON / OFF	Wireless function set
语言(Language)	中文/English	Language switch
Manual Drainage	ON / OFF	Drainage ON/OFF, when need to drain the water in outer water tank, please turn it on, water in outer tank will pump into inner tank, and drain

△ DMX Channel

There are two DMX channel mode for Creeper AQ series machine, 2 channel mode and 3 channel mode switchable. Default is 2 channel mode, if need to set to 3 channel mode please contact SHOWVEN®.

1. 2 channel mode

Channel	Function
First Channel(CH1)	**Fog output:** DMX VALUE 6-255, fog output from 1-100. As DMX value increase, the denser the fog, the longer for dissipate.
Second Channel(CH2)	**Fan speed**: DMX VALUE 6-255, fan speed from 1-100. As DMX value decrease, the better the fog stick to the ground but spread slower

2. 3 channel mode

Channel	Function
First Channel(CH1)	**Fog output**: DMX VALUE 6-255, fog output from 1-100
Second Channel(CH2)	**Fan speed**: DMX VALUE 6-255, fan speed from 1-100
Third Channel(CH3)	**Ultrasonic atomizer QTY**: (0~127)atomizer QTY is 3 (CREEPER AQ is 2) (128~255)atomizer QTY is 4 (CREEPER AQ is 3)

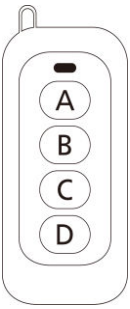
Δ Wireless Control

Wireless control is used to remote control the machine. Before use the wireless function please make sure machine was ready, wireless status was ON, and no DMX cable connection

Remote controller:

A. Fog output START

B. Fog output STOP



Remote control is optional configuration.

When wireless controller is not working properly, please switch to the Wireless Control menu, set it into ON status, and press ENTER key to save the change.

When machine on Wireless Control interface, operator can match the CREEPER AQ mini with remote controller by pressing any key on remote controller for 1s, the machine screen flash once means match was finished.

Δ Operation

1. Installation

Check the machine and accessories, ensure it is in good status. Place the machine on a flat surface, tilting may result in inaccurate water level alarm.

2. Fill the machine with FX-M fog fluid

Fill the liquid tank with FX-M Pro medium fog fluid. Please use original fog fluid from SHOWVEN®, Warranty will be void if any other type fog fluid is used.

3. Power ON Creeper AQ (PLUS)

① Connect the machine to suitable rated power supply. Please ensure power supply meets the requirement. Always connect the machine to a protected circuit and ensure it is properly grounded.

② Turn on the machine, it heat up automatically, and shows "WARMING UP" on LCD screen.

4. Fill the water tank

Fill the outer water tank with pure water until the alarm of water shortage on LCD screen (E3, E4) disappear. Operator can also connect the machine to water supply with G1/6 pipe connector, machine will refill it automatically.

5. Setting

Once the machine has reached operating temperature, temp., fog output and fan speed will show on the screen, please adjustable it accordingly.

If use a DMX to firing, please also set the DMX address and connect with a DMX cable.

6. Firing

Press "-"(VOLUME) to start generate low fog, press "ENTER"to stop.

If use DMX console control, please follow the previously introduced DMX channel information to firing the machine.

7. Power OFF and clean up

① To turn off the machine, please POWER OFF and unplug the power cable.

② Please empty the fluid tank and wash the pipe system with distilled water (put distilled water in fog fluid tank and firing for few minutes).

③ For transportation or not use for a long time, please drain the water inside machine.

Δ Maintenance

1. Use SHOWVEN® original fog fluid FX-M.
2. Check the filter in fluid tank before each show, clean or replace it when it is necessary.
3. Running the machine at least once per month.
4. Clean machine regularly avoid dust, liquid accumulate on the machine.
5. Whenever storage or not use the machine for a period of time, please use distilled water to wash the pipe system by filling the fluid bottle with distilled water and firing the machine several minutes.
6. Whenever storage or not use the machine for a period of time, please drain the machine and keep it dry.

Δ Warranty Instructions

- Sincere thanks for your choosing our products, you will receive quality service from us.
- The product warranty period is one year. If there are any quality problems within 7 days after shipping out from our factory, we can exchange a brand new same model machine for you.
- We will offer free of charge maintenance service for machines which with hardware malfunction (except for the instrument damage caused by human factors) in warranty period. Please don't repair machine without factory permission.

Below situations NOT included in warranty service:

- Damage caused by use other type of fog fluid which is not SHOWVEN® FX-M.
- Damage caused by improper transportation, usage, management, and maintenance, or damage caused by human factors;
- Disassemble, modify or repair products without permission;
- Damage caused by external reasons (lightning strike, power supply etc.)
- Damage caused by improper installation or use;

For product damage not included in warranty range, we can provide paid service.
Invoice is necessary when applying for maintenance service from SHOWVEN®.

SHOWVEN®

Showven Technologies Co., Ltd.

Tel: +86-731-83833068

Web: www.showven.cn E-mail: info@showven.cn

Add: No.1 Tengda Road, Liuyang Economic & Technical Development Zone, Changsha, Hunan, 410300, P.R.China