SMOKE STACK

by fogmasters

Dimensions:
Measures: 18.25"L x 9.125"W x 10.5"H
Weight: 15 Pounds
(Mild steel made in the USA)

Electrical Requirements:
650watt, 6.4amps
Requires Minimum: 15amp circuit.

Fogger operation:

Turn power switch on- Splash screen will display:

Snowmasters Fog machine	Status Ready..	DMX Address 1	SW Version: 1.0.0
Snowmasters	Status	DMX Address	Software Version

Press "enter" to reach the main menu

- Use "up" or "down" to scroll through the main menu

The main menu will display:

Auto Cycle	Prime	Info	Configure
Auto Cycle	Prime	Info	Configure

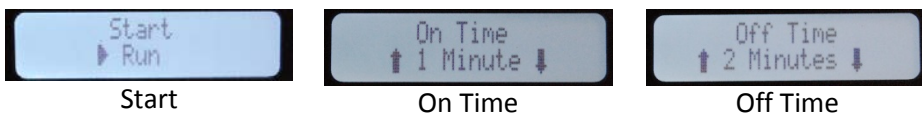|	
Enable Remote ▶ No	DMX Address ↑ 1 ↓
Enable Remote	DMX Address

Pressing enter on the "auto cycle option will open the auto cycle sub menu

- Use "up or "down" to scroll through the auto cycle sub menu

The auto cycle sub menu will display:

Start ▶ Run	On Time ↑ 1 Minute ↓	Off Time ↑ 2 Minutes ↓
Start	On Time	Off Time

- *On Time = (The amount of time the machine makes for)*
- *Off Time = (The amount of time between on times)*

Press "back" to reach main menu

Under the main menu scroll to "prime" (pressing enter will run the machines fluid pump to prime the system)
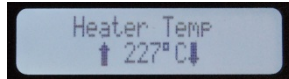
Prime Priming
Prime

Press "back" to reach main menu

Under the main menu scroll to "info"- press "enter" to reach the info sub menu
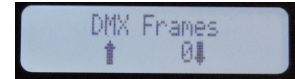
The info sub menu will display:

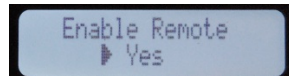| Ambient Temp	Heater Temp	DMX Errors	DMX Frames
↑ 28°C↓	↑ 227°C↓	↑ 0↓	↑ 0↓
Ambient Temp	Heater Temp	DMX Errors	DMX Frames

- *Ambient Temp: (Temperature outside of the unit)*
- *Heater Temp: (Temperature of the heater) Factory set to 210C*
  - **To change heater temp press "up" and "down" simultaneously while in the main menu**
- *DMX Errors: (The number of DMX Errors since the last power up or reset)*
- *DMX Frames: (The number of DMX Frames since the last power up or rest)*

Press "back" to reach main menu

Under the main menu scroll to "configure"

Fog Volume	Enable Remote
↑ 32 ↓	▶ Yes
Fog Volume	Enable Remote

- Press "enter"- screen will display "Fog Volume"
  - *Using "up or "down" you can adjust the pump speed from 1-32 (Factory set at 32)*

Press "back" to reach the main menu.

- *Scroll to "enable remote"*
  - *Press "enter" and scroll "up" or "down" to enable or disable the remote operation*

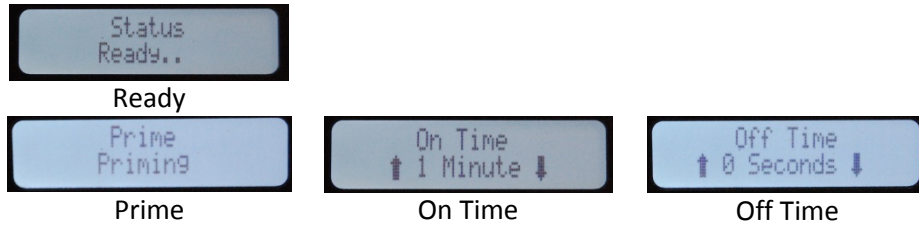Press "back" to reach the main menu.

Scroll to "DMX Address"

DMX Address
▶ 508
DMX Address

Press "enter" to change the DMX Address from 1-508

Operation in Auto Cycle mode

1. Put machines fluid line in GSE fluid container
2. Turn machines power switch on

When "status" changes from "warm up" to "ready" press "enter"

Ready

Prime

On Time

Off Time

Scroll to "prime" press "enter"- Machine will begin to pull fluid
Repeat until machine begins to emit fog

- Scroll to "Auto Cycle" press "enter"- Screen will display "Start"
- Scroll to "On Time"- Press "enter" to adjust the amount of time the machine makes fog
- Scroll to "Off Time"- Press "enter" to adjust the amount of time between on times

- For continuous fog set "Off Time" to zero
- To start fog scroll to "start" and press "enter"
- Scroll from "stop" to "run" and press "enter"
- To stop fog scroll from "Run" to Stop

DMX

The fog machine controller consists of one fan relay, a pump controller and control interface capable of receiving a DMX signal or a proprietary remote control signal. The DMX address is set via a three digit rotary switch located on the back of the device. The DMX address is set in a decimal fashion.

The DMX interface is compliant with DMX-512 standards and electrically isolated to 1000VAC. The starting address can be set from 1 to 509. The DMX protocol requires 4 dimmers defined as Mode, Cycle Time, Duration and Flake Size. The Mode dimmer defines the overall operation of the snow machine - Off, On, and Momentary. The Mode dimmer will correspond to the selected start address, with the Cycle Time, Duration, and Fog Output channel is in the following order:

Cycle Time			Fog Output
100	100	100	100
:	:	:	:
0	0	0	0

DMX Mode Channel Level	
100 : 75	Always on
74 : 51	15 Min cycle
50 : 25	5 Min cycle
24 : 0	Off

When the mode channel is set to one of the Momentary positions (either 5 or 15 min cycle), the Cycle time and Duration channels become active. The cycle time channel establishes the time it takes for the entire event. Duration channel is the length of time of snow output. The minimum time of one cycle is 18 seconds with a ten second ON time, a four second SNEEZE, and a four second WAIT.

Hardwire Remote Operation

Ready   Enable Remote

1. When splash screen displays Status "ready" press "enter" to go to the main menu
2. Scroll to "enable remote" and press enter
3. Scroll from "no" to "yes" and press enter

The machine can now be operated with hardwire remote.

Before storing this unit after any operation run de-ionized or distilled water through the unit for five minutes at full output

Errors/Troubleshooting

- **Check TC -** No change in temperature was found after turning the heater on. Reset Machine by turning off for 10seconds and turning back on.

- **OVERTEMP -** Heater temperature is too high and power has been shut off to the heater. Reset Machine by turning off for 10seconds and turning back on.

- **HEATER -** Heater did not heat up, or heated too slowly. This could be because the heater is a lower than correct wattage or is not fully functional. Reset Machine by turning off for 10seconds and turning back on.

- **Machine is not pulling fluid- More** than likely this is cause by the machine not being stored properly. Be sure that the machine is set to run fluid. If so and it still won't pull fluid try forcing de-ionized or distilled water while the machine is running. This may break the clog loose and prime the machine.

Limited Lifetime Warranty

The Smoke Stack is covered by a limited lifetime warranty for manufacturing defects related to the power cord, pump and fan when used in non-commercial application. Any misuse, abuse, or negligence automatically voids our warranty. The use of any liquids or materials other than water and approved Global Special Effects' solutions automatically voids this warranty. Global Special Effects' is not responsible for incidental or consequential damages and liability is limited to repair or replacement of the Snowman at Global Special Effects' sole discretion. Global Special Effects' is not responsible for physical damage, scratching, tube damage, after shipping from Global Special Effects' manufacturing facility. This warranty excludes all costs of shipping and related expenses.

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