MFJ - Mr. Fogger Jr.

by Götsch Airflow Equipment GmbH & Co. KG

www.mr-fogger.com

Table of contents:

Scope of delivery:

       1 x fogger
       1 x Power Cord
       1 x Remote Control
       1 x User Manual
       1 x hose 3m

Optional accessories:

- Hose 5m
- Additional remote control
- Further information at www.mr-fogger.com

General description

The MFJ is a fog generator for pure and highly pure environments. It evaporates WfI water into steam using ultrasonic nebulizers. Designed for use with airflow visualizations. Even mist production for up to 30 minutes.

Labeling of the operating instructions

Product: MFJ
Software-Version: V1.00.00

Manufacturer:

Götsch Airflow Equipment GmbH & Co. KG
Fists 38
88437 Maselheim
www.mr-fogger.com

Developer:

Eugene Zimmerman
David Zimmermann
Manuel Götsch
Christoph Götsch

Status of operating instructions: December 2023

Clear identification of the product

Technical data:

Product name: MFJ
Software-Version: V1.00.00
Dimensions: 245 mm x 244 mm x 257 mm
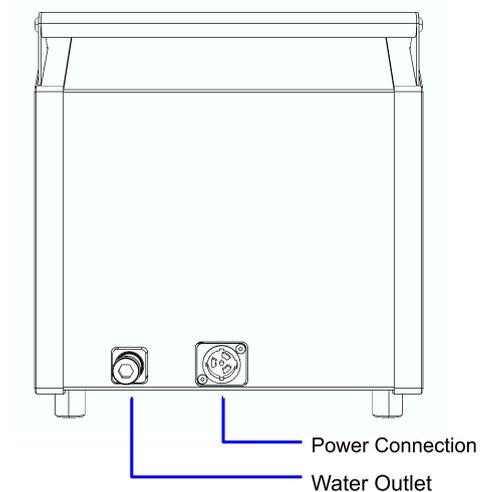**Mains voltage:** AC 110/230 V 50/60 Hz
Mains voltage fluctuations: ±10%
Power: Maximal 350 Watt
Protection class: 1
Country of origin: Germany
Country of Manufacture: Germany
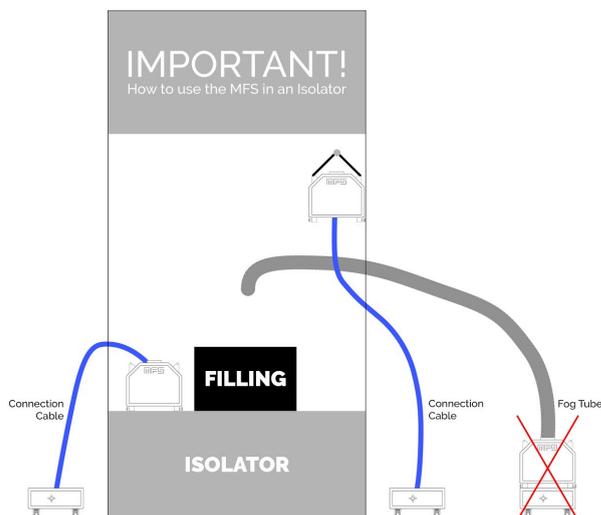
Power Connection

Water Outlet

Change of the product

Any modification of the product of any kind is strictly prohibited.

Use in an insulator

It is absolutely necessary that the fog unit is in the isolator!

IMPORTANT!
How to use the MFS in an Isolator

FILLING

Connection
Cable

Connection
Cable

Fog Tube

ISOLATOR

Safety instructions

The MFJ works with WFI water in conjunction with electrical power. Be sure to set up and transport the device flat! If water gets into the electronic units (plug/socket, electronics) of the device, switch it off immediately and check that it is completely dry before using it again.

If the device tips over while full of water, turn it off immediately and check that it is completely dry before turning it back on.

Attention! Heavy load. The device weighs 10.1 kg without water and 12.0 kg with water.

Attention: electrical voltage.
Do not reach into the water tank when the device is switched on.

Do not operate with a pacemaker.

Do not inhale the mist produced.

A connection to the protective conductor is absolutely necessary for operation.

Make sure the hose is straight during operation.

Storage of the instructions for use

IMPORTANT! READ CAREFULLY BEFORE USE
KEEP FOR FUTURE REFERENCE!

Use of the product

The protection supported by the device may be affected if used differently!

Transport:

The device must be emptied before transport and transported in the transport case provided.
Always ship the MFJ packed on a pallet!

Installation:

Always position the device so that the separating device can be easily reached and operated at any time. Before the device is powered, 1.9 liters of WFI (Water for Injection) must be filled into the tank. The water temperature must be less than 50℃.
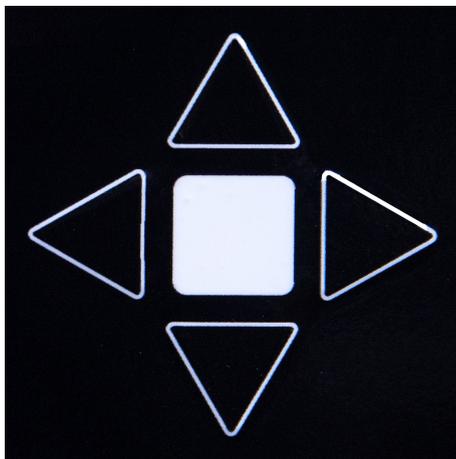
Behavior after use:

Switch off the device, disconnect the cable connections and empty the water completely.

Operation of the products

Remote control

1 = Off (saves last used setting)
2 = On
4 = 1 fog module less
5 = 1 more fog module
7 = Less fan power
8 = More fan power

Battery type: CR 2032

Keys

Fog is on:
Left: 1 fog module less
Right: 1 more fog module
Down: Less fan power
Up: More fan power
Enter: On/Off

Fog is out:
Left: back
Right: Enter Menu
Down: up, change value
Up: down, change value
Enter: Set

Status:

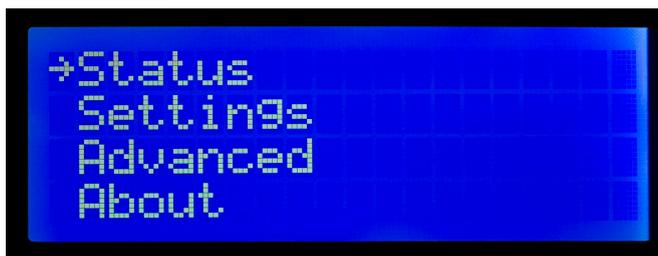**Temp above:** Water temperature
Temp below: Temperature of the electrical unit
Fan: Fan speed
Active: Number of active fog units

Main Menu:

Select using the up and down buttons on the display. Press the right button to enter the menu. Press the left button to exit the menu.
Status: Status display (temperature, fan, etc)
Settings: Settings
Advanced: Advanced settings
About: Firmware version, developer

Menü: Settings

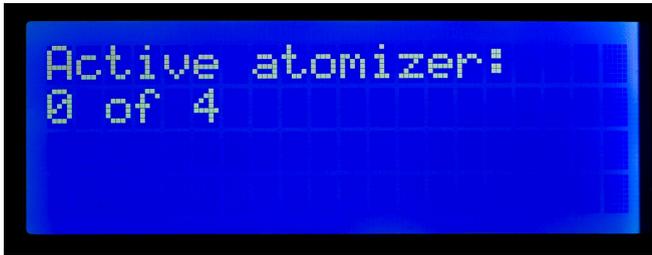**Power:** Set the number of active nebulizers
Flow: Fan speed
Min Flow: Fan speed (when nebulizers are off)
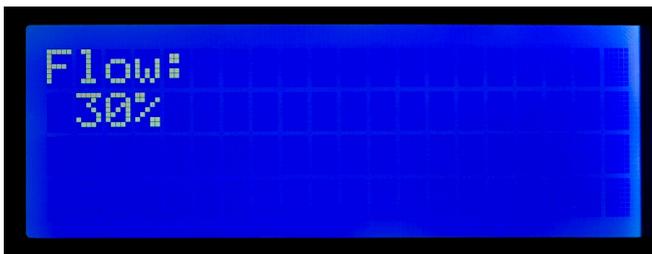**Pump:** Activate or deactivate water pump
Drying: Dry system after use

Menu: Power


```
Active atomizer:
0 of 4
```

Number of active nebulizers. To be changed using the Up and Down buttons on the display or using buttons 3 and 4 on the remote control.
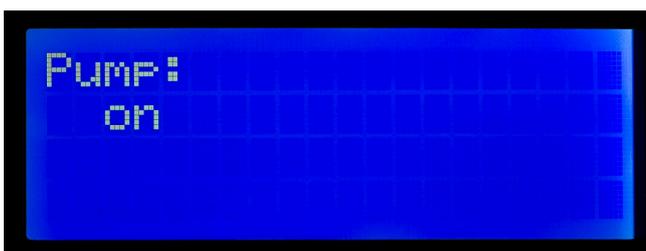
Menu: Flow


```
Flow:
 30%
```

Fan strength. To be changed using the Up and Down buttons on the display or using buttons 5 and 6 on the remote control.
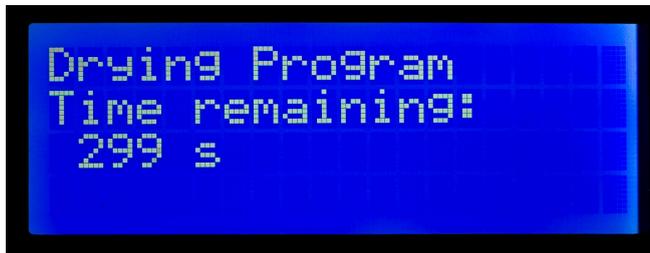
Menu: Min Flow


```
Min flow:
 30%
```

Min Flow is the speed of the fans when the MFJ is in standby mode. Don't go below 30% when working on an insulator line!

Menu: Pump


```
Pump:
   on
```

Activate or deactivate water pump.

Menü: Drying

Drying Program
Time remaining:
 299 s

After using the fog generator, a small amount of WFI remains in the top tank. Use the drying function (repeatedly) to dry out the water.

Menu: Advanced

→Set Min Level
 Set Max Level
 Set Warn Level
 Set Level Mode

Set Level Mode: Switching the display between percent and status
Set Remote: Configure the buttons on your remote control
Set My Fan: Set the minimum speed of the fan
Set Max Fan: Set the maximum speed of the fan
Pump Port: Configure the pump connection on the relay
Set Fan Temp: Set the starting temperature of the fan
Test System: Each nebulizer is briefly started individually
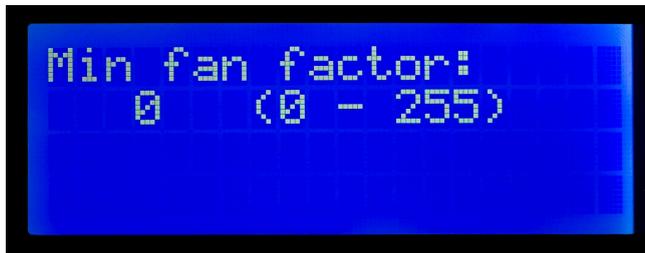**Runtime:** Show system operating hours counter
Logout: Log out of the advanced menu (88437)

Menü: Set Remote

Press enter to learn
back to cancel
1 - OFF:
Press remote button

Press keys 1-8 and click "Enter" to save.

Menu: Set Min Fan

```
Min fan factor:
    0   (0 - 255)
```

Sets the minimum fan factor.

Menu: Set Max Fan

```
Max fan factor:
  255    (0 - 255)
```

Set max. fan factor.

Menu: Set Fan Temperature

```
Act. temperature:
  30 °C
```
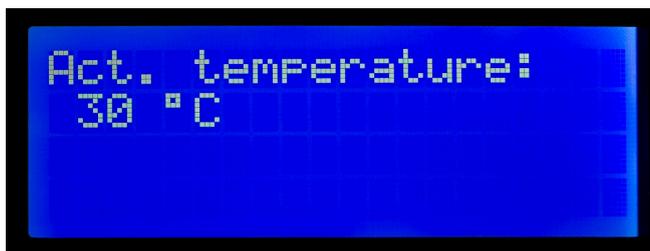
Sets the starting temperature for the cooling fan.

Menu: Test System:

```
Test Program
Time remaining:
3 s
```
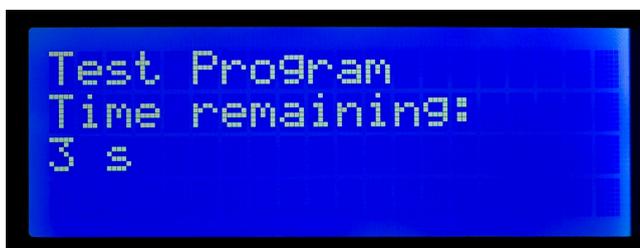
The test starts automatically when you select this menu item. Each nebulizer starts up briefly and can be visually checked for functionality.

Menu: Runtime

```
Runtime: Sys   Act
Hours:      3     1
Minutes:   22    25
Seconds:   39    51
```
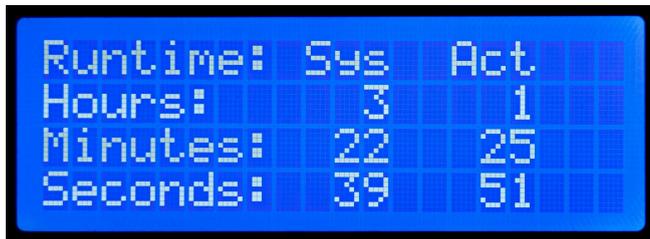
System runtime information.

Menü: About

```
MFJ V01.00.00
Goetsch Media
developed by
Eugen Zimmermann
```

System information, manufacturer name, developer name

Usage Information:

Amount of water: 1,1- 1,9 Liter
Ideal water temperature: 30 ° - 33 ° Celsius
Water drain: Carefully open the screw and drain the water

Care of the products

Cleaning:

To clean, disconnect from the power supply, disinfect with isopropanol, fill and leave overnight. Then empty it completely. Always work in accordance with applicable hygiene guidelines. No liability is accepted for contamination and particle formation.

Body mode:

To test the function of the individual nebulizers, select "Test system" in the "Settings" menu to check the nebulizers.

Accessories, consumables, spare parts

Further accessories can be found at www.mr-fogger.com
For example:

Multiple mist outlets

Information about repairs, replacement of parts

Contact dealer. The user is not permitted to use tools to gain access to parts or areas that could pose a danger when used as intended.

Information when the product is no longer needed

Dispose of remote control batteries properly!
Dispose of the device as electronic waste or send it back to Götsch Airflow Equipment after consultation.

Technical data:

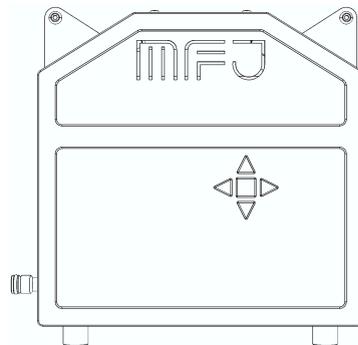**Mains voltage:** AC 110/230 V 50/60 Hz
Mains voltage fluctuations: ±10%
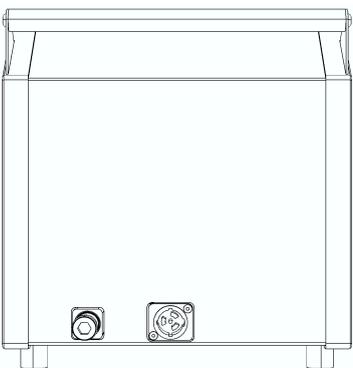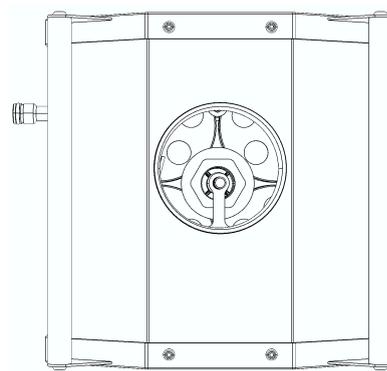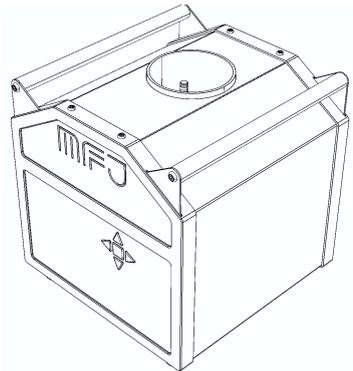**Power requirement:**maximal 350 Watt
Operating ambient temperature: 0 ° - 40 ° C
Ambient altitude: 0 - 2000 m ü. NN
Permissible humidity ranges: 20% to 80%
Weight: 11,1 kg
Dimensions:245 mm x 244 mm x 257 mm

Logos and certificates

BEST QUALITY

MADE IN GERMANY

EDELSTAHL ®
Rost
frei
INOX
STAINLESS STEEL