MoistMaster

MoistMaster® E35 BT
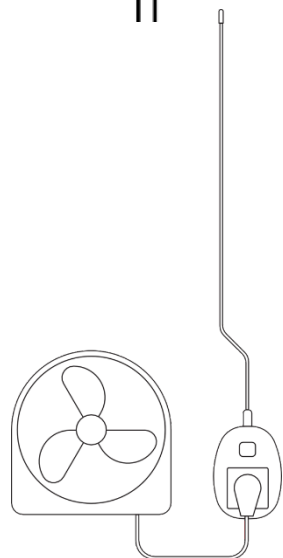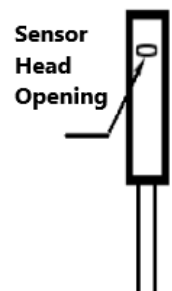
Quick Start Guides

The complete installation and operating instructions can be found at www.moistmaster.fi Read them and these Quick Start Guides carefully.

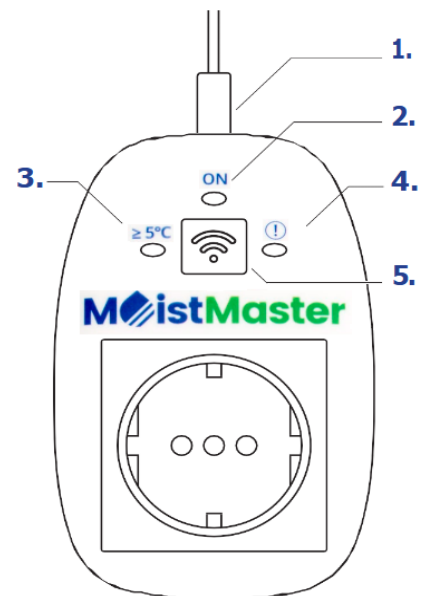**Commissioning of the Indoor Moisture Control Unit:**

- Connect the sensor cable to the controller.

- Place the controller in the wall socket so that the indicator lights flash. In this case, the automatic control starts.

- Attach the measuring sensor in the wall at height of about one meter in a way that the measuring head opening is facing the room

- Plug the heater into the socket on the controller.

- To test the function, briefly press the button on the controller, the "ON" light will come on and the heater will start operating when the button is pressed.

- A minimum temperature of 5 ^{o}C can be activated and deactivated from the controller. Other settings must be made with MoistMaster BlueTooth- application.

- When the minimum temperature of 5 ^{o}C is set, the "≥ 5 ^{o}C" indicator light on the controller lights up.

- If desired, follow the instructions in this manual to install MoistMaster BlueTooth -application. You can also use the controller without the application.

Sensor Head Opening

Moisture Control Unit User Interface Guide

1. Probe for Micro USB connector

2. Power indicator (green LED)

3. Minimum temperature selection indicator (yellow LED)

4. Sensor fault indicator (red LED)

5. Selection button:

- Power on test (while pushing the button down the green LED lights up and the electricity is connected to the heater)

- Minimum temperature ≥ 5 ^{o}C activation (push button for approx. 10 sec, the yellow LED flashes until it lights up continuously)

- Deactivation of the minimum temperature ≥ 5 ^{o}C (push button for approx. 10 sec, the yellow LED will flash until it goes out)

- Use the push button to reset the Bluetooth PIN to the default value of "0000" (> 20 sec push)

Bluetooth application installation

Android app called "MoistMaster" from app stores (Apple Store, Google play) is available for download on Android and Apple smartphones. The application can be used to monitor measured values, select a moisture protection level and change settings. Instructions for downloading and using the application can be found on the www.moistmaster.fi website.

⚠️ **General safety instructions**

To avoid the risk of electric shock, fire or other accidents, always follow the warnings below when using the humidity control.

- Make sure that the power supply corresponds to the values on the safety label and technical data of the humidity controller.
- The humidity controller may only be used for its primary purpose
- Keep the humidity controller dry and dust-free.
- Check the condition of the humidity controller control regularly. Do not use it if it shows damage
- Only authorized personnel may repair the humidity controller. Do not open the case.

Precautions

- Keep the humidity controller control visible and easy to disconnect.

- Follow carefully the instructions for using the heater to be connected to the humidity controller.

- The heater to be connected to the socket must be designed for continuous operation so that it can be switched off with an external switch. Some heaters with a fan may operate in such a way that after the heating element has been switched off, the fan will still run to cool the heater. This type of heater must not be used with MoistMaster® E35 BT -controller.

- The humidity controller only prevents damage and inconvenience caused by excessively humid indoor conditions. Separately, e.g. roof water leaks, capillary rise in moisture from the soil, leaks from water fixtures, rainwater damage and the like.

Technical data and restrictions

- Voltage 230VAC, 50Hz.

- Building supply fuse for the humidity controller max. 16 A

- The humidity controller does not include fuses or overcurrent protection devices

- Maximum heater power 3500 W (building supply fuse 16 A)

- Maximum heater power 2200 W (building supply fuse 10 A)

- Enclosure class IP20. For indoor use only.

- Permissible ambient temperature range -40 ^{o}C … + 40 ^{o}C .

MoistMaster

Model: MoistMaster®
Type: E35 BT
230 V ~ 50 Hz
3500 W
IP20

CE

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The humidity controller is disposed of with electronic waste.

MoistMaster® E35 BT is CE approved

MoistMaster® E35 BT **-** controller and sensor have a two (2) year warranty.

The humidity controller has been developed in Finland.