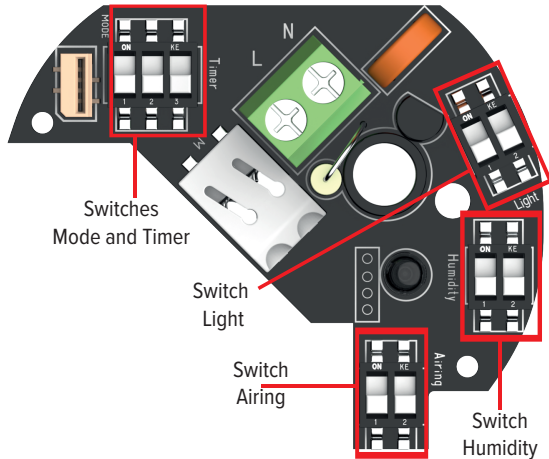


Connecting and configuring fan algorithms with option MRH

CONTROLS



*Board images and component locations may vary

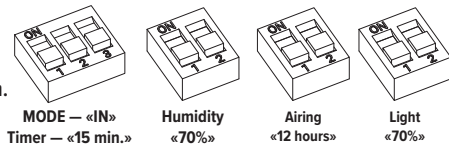
WIRING DIAGRAM

The fan is connected with two wires to terminals "N" and "L" (it is recommended to observe polarity, so the board will work more reliably), and the fan operates in automatic mode.

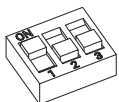


MODES OF OPERATION

! The default setting at the factory is the typical automatic mode of operation.



The fan will turn on when the built-in humidity sensor detects humidity above 70% (SECTION 1) and will run until the humidity sensor detects a decrease to 70% or below (SECTION 1). The fan will then run for 15 minutes (SECTION 2) and turn off. Every 12 hours (SECTION 3) the fan will turn on and then turn off after 30 minutes. If the fan is installed in a room with permanently low or permanently high humidity levels, it is recommended to disable the built-in humidity sensor (SECTION 1).



MODE - «OUT»
Timer - «15 min.»

For convenience, it is possible to set the fan to turn on only when there are no people in the room (determined by the absence of lighting). To do this, turn the MODE switch to the "OUT" position.

The fan will switch on when the humidity sensor detects that the humidity exceeds 70% (SECTION 1) but only if the built-in light sensor (SECTION 4) detects that there is no light in the room and will run until the humidity sensor detects that the humidity drops to 70% or below (SECTION 1). The fan will then run for 15 minutes (SECTION 2) and turn off. Every 12 hours (SECTION 3), the fan will turn on and then turn off after 30 minutes.

If a light comes on in the room while the fan is operating, it will stop operating immediately.

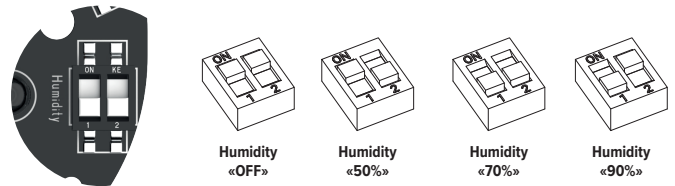
CONNECTION AND CONFIGURATION

IMPORTANT: All operations related to connection, adjustment, maintenance and repair of the product should be performed only when the mains voltage is removed. and repair of the product should be carried out only when the mains voltage is disconnected (circuit breaker S1 in OFF position).

! Regardless of the wiring diagram, the unit only operates when the circuit breaker S1 is closed. The fan can only be energized, i.e. the circuit breaker S1 can only be energized when the front panel of the fan is closed.
! To prevent the switches from malfunctioning, do not apply excessive force when setting.

SECTION 1. CONFIGURING THE BUILT-IN HUMIDITY SENSOR

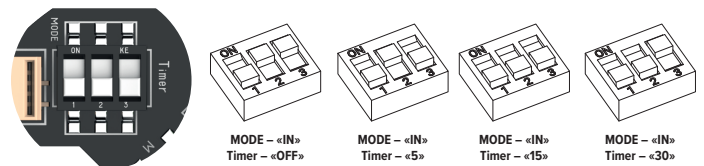
The factory default humidity at which the fan switches on automatically is set to 70%. If required, the following humidity values can be selected: 50, 70, 90%. Or you can disable the built-in humidity sensor altogether. To do this, set the Humidity switch to the required value.



If the humidity sensor is disabled, the fan in IN mode will turn on when the lights are turned on and will run until the lights are turned off and after they are turned off for the time set on the Timer switch. In OUT mode, the fan will turn on when the lights are turned off and will run for the time set on the Timer switch.

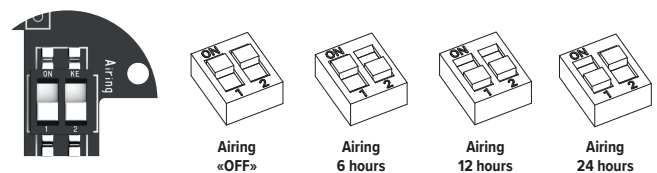
SECTION 2. SETTING THE SWITCH-OFF DELAY TIME

The factory default fan operation time after lights out is 15 min. If necessary, you can set the fan operation time after lights out to 5, 15, 30 min. Or disable the timer altogether. To do this, set the Timer switch to the required value.



SECTION 3. SETTING THE VENTILATION MODE

The factory default setting is 12 hours, after which the fan is switched on in ventilation mode and runs for 30 minutes, after which it is switched off. If necessary, it is possible to set the ventilation intervals: 6, 12, 24 hours. Or disable ventilation altogether. To do this, set the Airing switch to the required value.



SECTION 4. SETTING THE INTEGRATED LIGHT SENSOR

The factory default light sensor sensitivity is set to medium (default 70%). If necessary, you can select light values of 50, 70, 90%. Or disable the built-in light sensor altogether. It is recommended to reduce the sensitivity of the light sensor to 50% (e.g. for a room with a window) or increase its sensitivity to 90% (e.g. for a room with low light). To do this, set the Light switch to the desired value.

