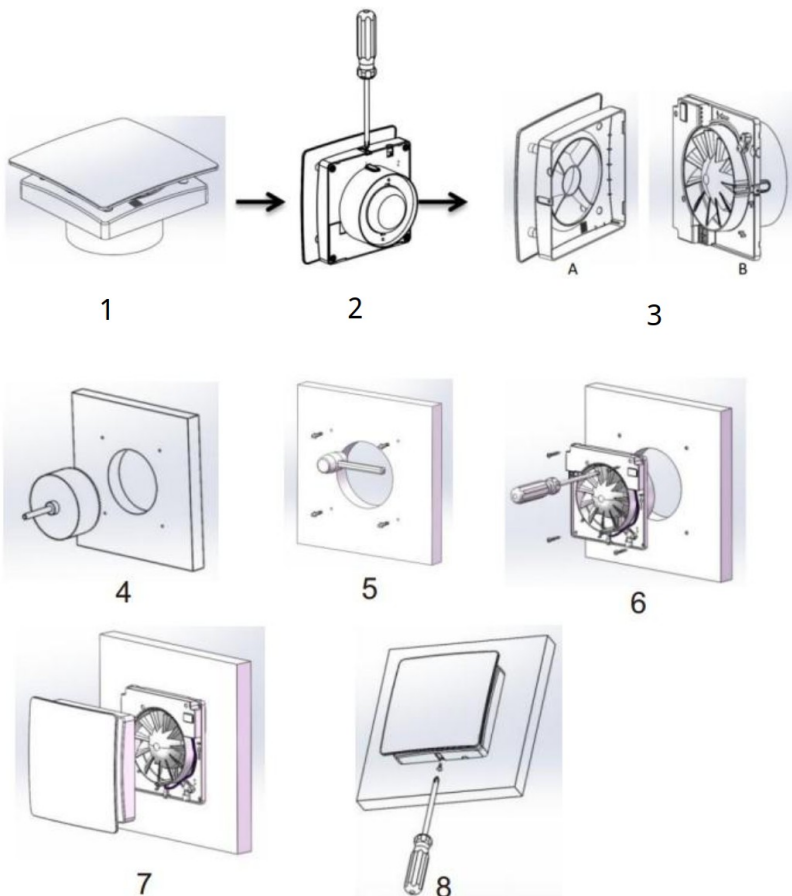
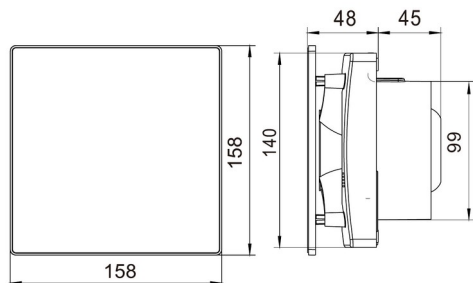


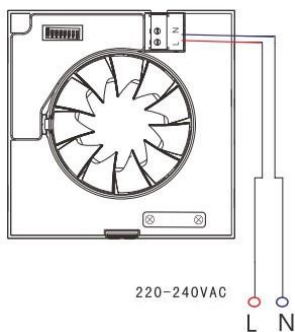
BSL





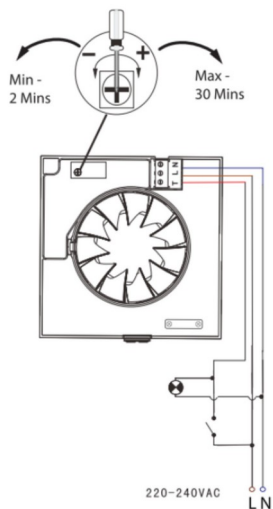
Diameter	100 mm / 4"
Air flow	95 m ³ /h
IP rate	IP44
Voltage	220-240 V~ 50Hz
Power	9 W

WIRING FOR BASIC MODELS



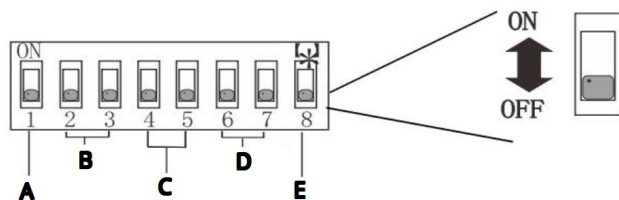
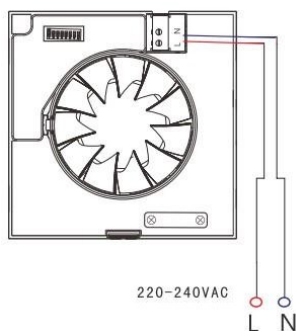
WIRING FOR MODELS WITH A TIMER

The fan starts when terminals T and L are powered simultaneously.



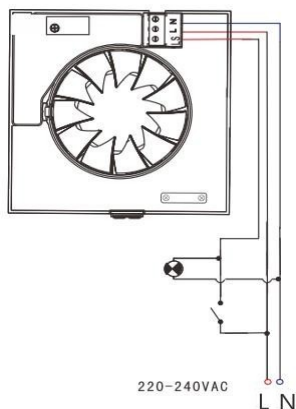
WIRING FOR MODELS WITH HUMIDITY SENSOR

Humidity-controlled models are equipped with an electronic humidistat, adjustable between 60% and 90% relative humidity (RH), and a timer that can be set to 1, 5, 15, or 30 minutes. The required humidity level and run-on time are set using eight DIP switches on the circuit board, which are easy to access. Each DIP switch has two positions — ON (1) and OFF (0) — and can be adjusted with a screwdriver:

**A - Interval Function****B - Interval Time****C - Humidity Level****D - Run-on Timer****E - Start-up Timer**

Automatic operation

The bathroom fan connects to the main power supply using two wires. The humidistat automatically switches the fan on when the humidity level rises above the set threshold. It then switches the fan off once the humidity falls approximately 3% below the threshold and the run-on timer has finished.



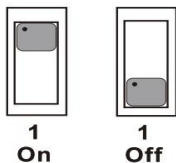
Automatic operation with external switch override

The bathroom fan is connected to the main power supply using three wires. It operates as described in the Automatic Operation mode, with the added ability to override the humidistat via a light switch — but only when the humidity level is below the selected threshold. In this case, the fan will continue running for the set duration (Run-on timer) after the light switch is turned off.

Note: If the humidity level exceeds the selected threshold, automatic operation takes priority. In this state, the unit cannot be turned off manually using the switch.

Set the DIP switches to the desired configuration

Interval function

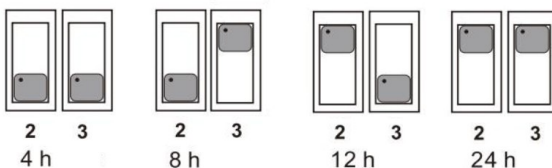


When the interval function is enabled, the fan operates regardless of humidity levels. This feature is useful in environments with consistently high humidity, such as coastal areas, to prevent the fan from running continuously. It is also beneficial in locations with consistently low humidity, such as near a heating appliance, to ensure regular ventilation.

The fan automatically turns on for one hour, then switches off for the set interval time, and continues this cycle — on for one hour, off for the interval — regardless of the humidity level.

Interval time

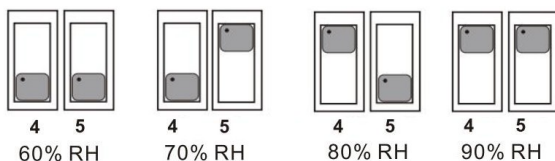
The interval time can be set as follows:



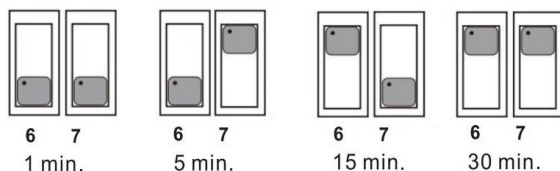
Humidity function

The humidistat activates the bathroom fan when the humidity reaches the set threshold. The fan switches off when the humidity drops approximately 3% below that threshold, and after the duration set on the run-on timer.

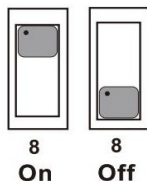
The humidity level can be set as follows:



The run-on time can be set as follows:



Start-up timer function



With the start-up timer function enabled, the bathroom fan will activate only after 50 seconds of continuous power from the external switch. If the switched live signal is interrupted before 50 seconds, the fan will remain off.

Factory settings

Interval function	Off
Interval time	4 hours
Humidistat	60% RH
Run-on timer	1 min
Start-up timer function	Off

NOTE: The manufacturer reserves the right to change specifications without notice. In accordance with European Directive 2002/96/EC and the Act on Waste Electrical and Electronic Equipment, this device must not be disposed of with household waste when decommissioned. It should be delivered to a collection centre for recycling of electrical and electronic equipment.

