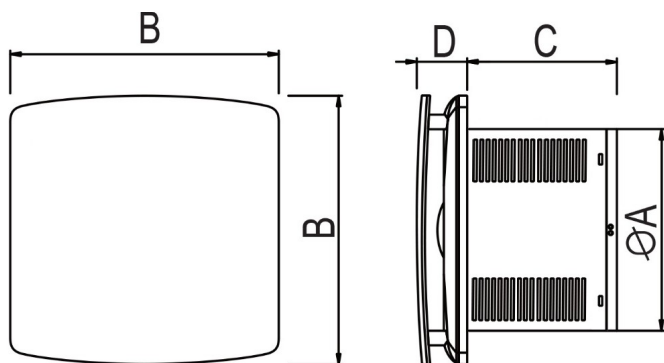


LFS



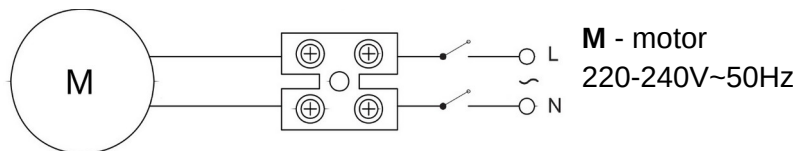
EN

Model	A [mm]	B [mm]	C [mm]	D [mm]
100 mm	99	151	102	35
120 mm	119	163	106	35
150 mm	149	193	112	35

TECHNICAL PARAMETERS

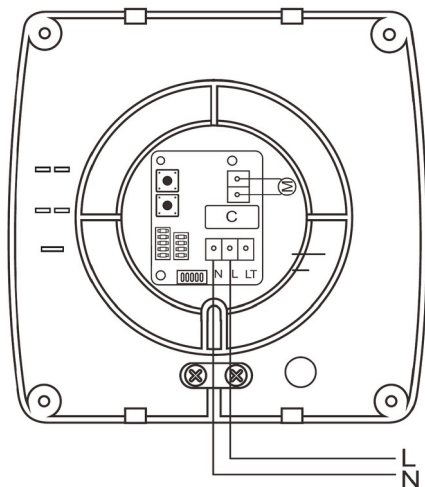
Model	V/Hz	Power	Air Volume	Noise	IP Rating
100 mm	220-240V~ 50Hz	12 W	95 m³/h	34 dB	IPX4
120 mm	220-240V~ 50Hz	16 W	160 m³/h	34 dB	IPX4
150 mm	220-240V~ 50Hz	18 W	240 m³/h	35 dB	IPX4

WIRING DIAGRAM

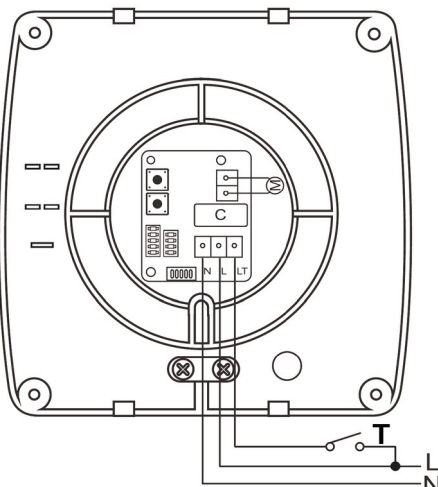


HUMIDITY SENSOR WIRING DIAGRAM AND INSTRUCTIONS

EN

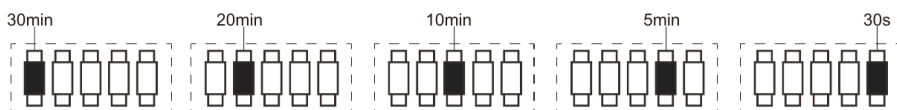


Without Light Switch Connection

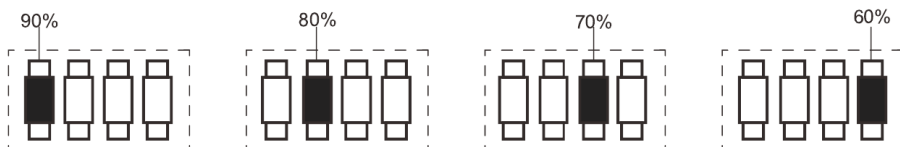


With Light Switch Connection

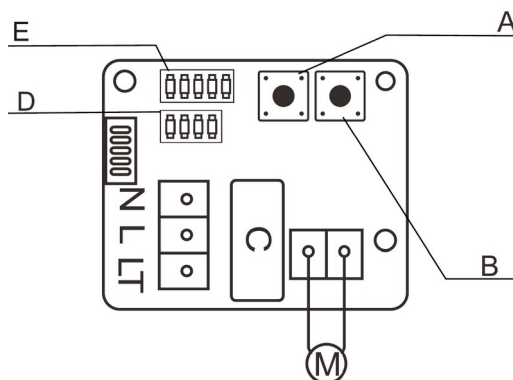
Humidity sensor adjustment diagram



Timer Delay Light Indicator



Humidity Level Light Indicator



E – Timer Delay Light Indicator
D – Humidity Level Light Indicator

A – Humidity Tact Switch
B – Timer Tact Switch

Settings

- **Timer delay:** 0.5-30min. Indicator: **E**
 - **Humidity level:** 60%, 70%, 80%, 90% (default: 60%). Indicator: **D**
 - Adjust by pressing the tact switch; each press moves to the next setting.
 - Fan indicator light: ON during operation
- Note:** Keep power on for 3 seconds after setting to save the configuration.
 Use an insulated tool for adjustments.

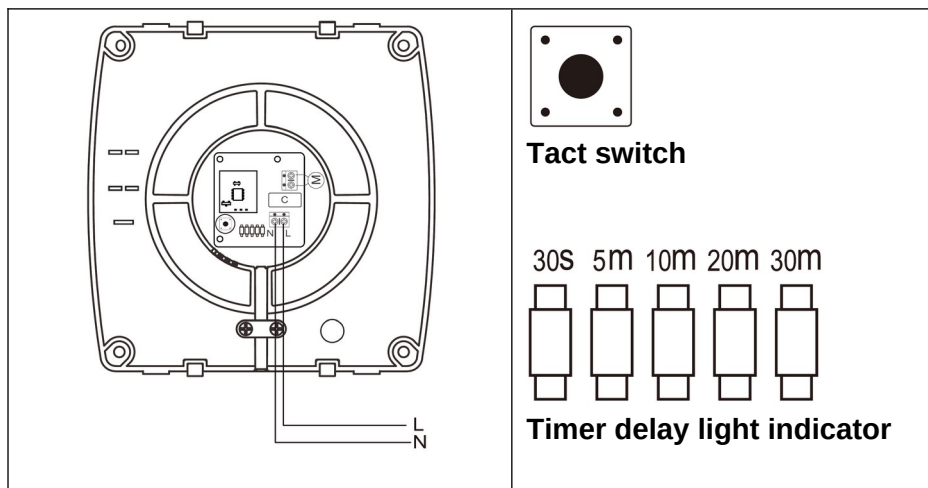
Without Light Switch Connection

- Fan turns on automatically when humidity exceeds the set level (60–90%).
- Runs until humidity drops, then continues for 0.5–30 min before shutting down.

With Light Switch Connection

- The fan can be switched on manually only if humidity is below the set level.
- After switch-off, it runs for 0.5–30 min before shutting down.
- If humidity exceeds the set level, the fan turns on automatically and follows the same cycle as above.

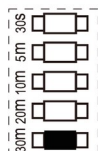
MOTION SENSOR WIRING DIAGRAM AND INSTRUCTIONS



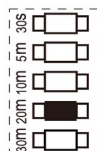
EN

Motion sensor system performance specification

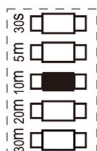
30min



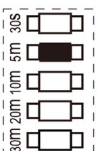
20min



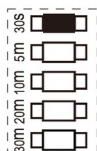
10min



5min



30s



Sensing Distance: ~5m

Angle: 180°

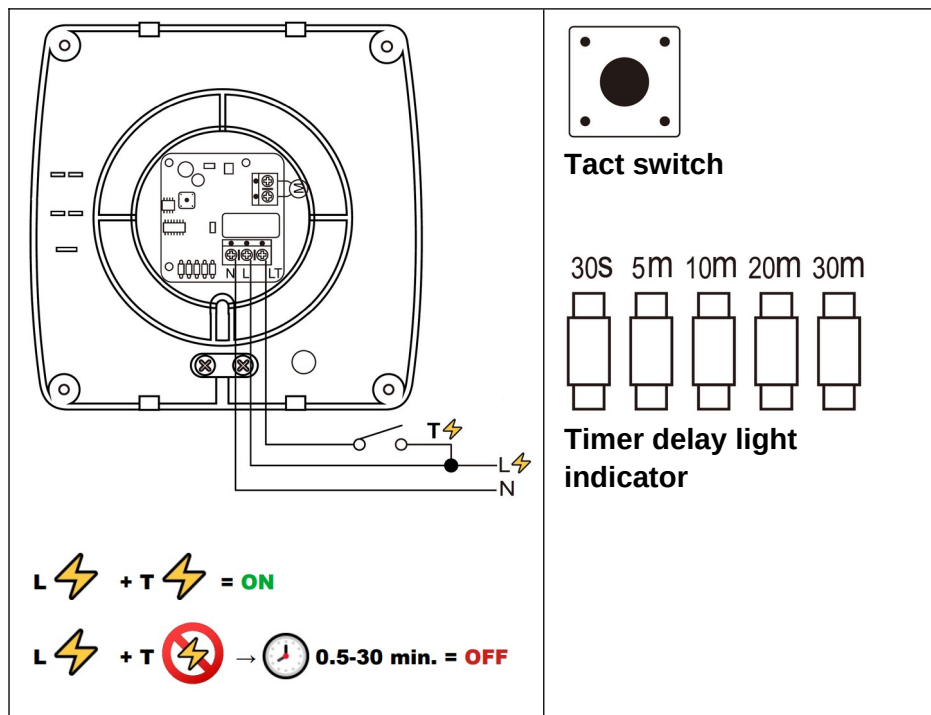
Delay Time: 0.5-30 min.

Working Temperature: -15°C – 40°C

The fan turns on automatically when it detects movement within **5 m (±1 m)** at the shown detection angle. It runs while motion is detected, then continues for **0.5–30 min** (adjustable by the control knob; default: **0.5 min**) before shutting down.

Note: Works with wooden or metal doors, not glass doors. Microwaves are blocked by wood, concrete, and metal but can partially pass through glass, allowing movement to be detected.

TIMER SYSTEM WIRING DIAGRAM AND INSTRUCTIONS



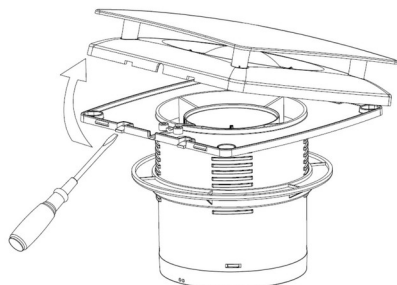
EN

Timer System Instructions

The fan turns on with power and keeps running for 30 s, 5, 10, 20, or 30 min after switch-off, depending on the selected setting. Each press of the tact switch cycles to the next delay.

Note: Use an insulated tool to press the tact switch.

How to open



Cleaning

- Always switch off power first.
- Remove parts (louver, cover, blade, etc.), clean with water/brush and mild detergent.
- Do not use >60 °C water or solvents. Keep water out of motor.
- Allow to air dry or dry with a soft cloth; reassemble in reverse order.

EN

Installation & Safety

- Install at least 2.3 m above the floor. Do not install in areas with water splashes, excessive vapor, heat, or flues with poisonous gases.
- Avoid frequent on/off switching; turn off if unused for long periods.
- Prevent backflow from flues or open-flame appliances.
- Damaged cords must be replaced by qualified personnel with original parts.
- Do not allow use by children without supervision or by persons with reduced physical, sensory, or mental capabilities.
- Use a **multi-pole switch** (≥ 3 mm gap). Fit a vent cover to block water and vermin.
- Switch off mains before removing the guard. For ceiling installations, remove the shutter.

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.

