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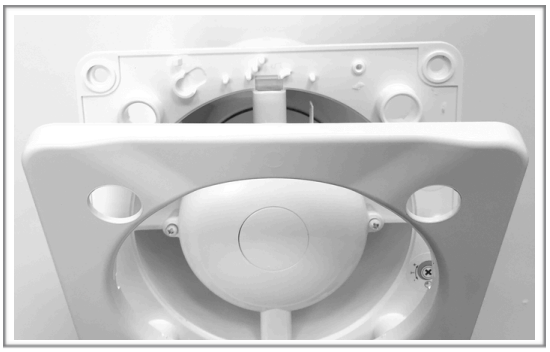
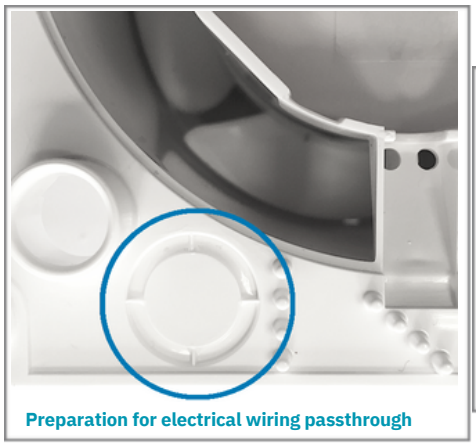
# Additional explanation Awenta Design bathroom/toilet fans

You have chosen a fan from the quality brand Awenta, a very good choice! Each fan comes with a comprehensive manual in the box. It is recommended to read this manual carefully before installing the fan. To help you with the installation, Ventilatieshop.com provides additional explanations with supporting images below. We hope you enjoy your purchase!

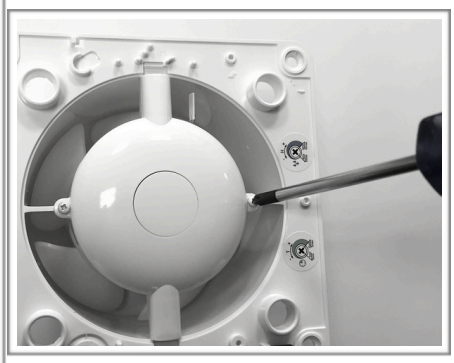


**Step 1 -** On the front of the fan is a square cover plate, pull this off.



Preparation for electrical wiring passthrough

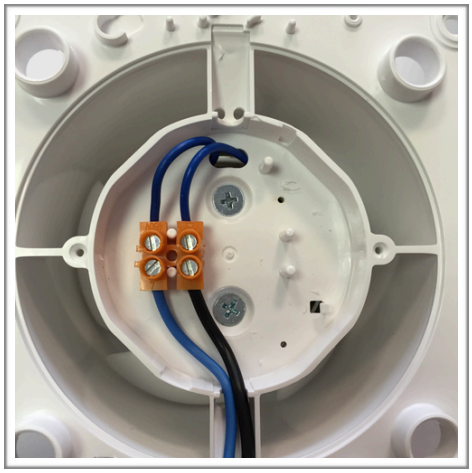
**Step 2 -** You can cut out the preparation for the electrical wiring with a sharp knife, but it is neater and easier to drill out the opening using a drill. (Make sure no sharp edges remain that could damage the wiring.)



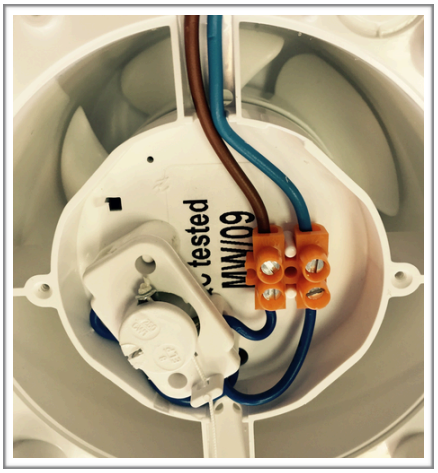
**Step 3 -** Using a (Phillips) screwdriver, unscrew the central cover plate so that you can connect the fan electrically.

## Electrically connecting your fan

Brown = live wire (L) - Blue = neutral wire (N) - Black = switch wire (T), which comes, for example, from your light switch (via the lamp).



**KW100/KW125: standard (on/off)**



**KW100W/KW125W: with pull cord**

**KW100T/KW125T: with timer & KW100H/KW125H: with timer and humidity sensor**

You can also connect the KW100H/KW125H model WITHOUT a switch wire (black), then the fan is automatically switched on/off by the humidity sensor

Once the fan is electrically connected, screw the central cover plate back on, mount the non-return valve on the back and install the fan on the wall or ceiling with the screws and plugs provided. Finally, click the square cover plate back onto the fan and press the design front with the four connections into the housing.

**Z.O.Z. explanation of humidity sensor**

# Setting the humidity sensor (KW100H & KW125H)

The humidity sensor overrules everything, so when the sensor sniffs moisture it will immediately switch on to get the humidity back below the set level (after the set level is reached the overrun timer will also do its job). When the humidity fluctuates (climate in NL and BE can contribute to this) it can happen that the fan runs longer than desired. You can then make the fan less sensitive, below more explanation about the settings:

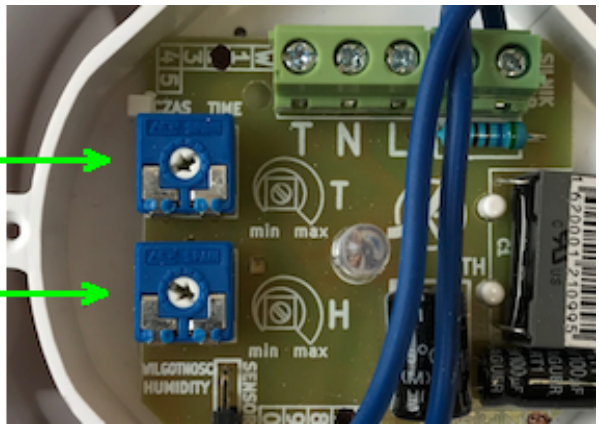
**Setting the overrun timer (T) is simple: the more it turns towards the plus (+) (i.e. clockwise), the**
the longer the fan continues to run.

**With the humidity sensor (H) we actually have to reason it the other way around: The more you turn it to the plus (+) (i.e. clockwise), the higher you set the humidity percentage at which**
the fan should respond, the LESS sensitive the fan becomes and therefore it will run for a shorter time as it will drop below the set humidity level more quickly.

The more you turn the adjustment screw towards minus (-) (i.e. counterclockwise), the lower you set the humidity to which the fan must respond, so the more sensitive the fan becomes to moisture and the longer it may run.

**The overrun timer is currently set to minimum, causing it to run briefly (turn the screw all the way to the left).**

**The humidity sensor (H) is currently set to 90% (turn the screw all the way to the right), which means the sensor is set to the least sensitive mode, and the fan will respond less quickly to humidity.**




## Some tips:

- The KW100H & KW125H can be set from 60% to 90% humidity, by our climate the humidity fluctuates throughout the year so there are many periods when the humidity outside is above 90%, if you draw outside air in close to the fan this can mean that the fan will continue to run for hours/days to get the humidity down. In humid weather outside it is advisable to close windows/window grilles close to the fan turn off the fan so that the fan mainly draws indoor air towards it, which is very is less humid.
- We would recommend a setting of around 80% or higher (turn the screw all the way to the right turn the screw clockwise and then a tiny bit back to the left). If the fan is still running too long for your liking, turn the screw all the way to the right.
- The run-on timer also starts when the humidity drops below the set level
  level has been reached. If you feel that the fan is running for too long, it is best to give the overrun timer (T) a good turn to the left so that it is set to the minimum.