

The step transformer controller have the special characteristic that the ventilators make no noise "hum" in the lower rotation. The step transformer control the fan speed from self 6-step up/down according the humidity and temperature. Temperature and hysteresis (sensitivity) can be set on two knob's as well humidity and humidity-hysteresis on the other two knobs. The intake fan runs 1step behind the exhaust fan to prevent odour from escaping.

Sample: Exhaust fan runs on step1, intake fan runs on step0 (stop), when the exhaust fan switch to step2 the intake fan switch to step1 etc... until the exhaust fan reach the max. step6 the intake fan will run on step5.

The controller comes as a finished part and is ready to use. This reliable fan controller comes complete with a sealed water resistant cover, plugs with flap-lids and a low voltage sensor making it perfect for humid rooms. The sensor comes with a 4meter long cable.

[Watch tutorial on youtube:](#)

Sizes and technical data's:

Case: WxHxD = 200x250x180mm

Controller: WxHxD = 265x300x205mm

Designed for: 8A (for 2fans)

Volts prim: 230V / 50HZ

Volts sec. 80V, 110V, 140V, 170V, 200V, 230V automatic-steps 50HZ

Digital sensor 5V Measures temperatures from -55°C to +125°C (-67°F to +257°F)

0.5°C accuracy from -10°C to +85°C

humidity accuracy ±4.5%rh

Protection class IP54

Settings range:

Temperature: 20C° - 30C°

Temperature hysteresis: 2-8C°

Humidity: 30% - 100%

Humidity hysteresis: 6%-30%