



SMS TWIN FAN CONTROLLER

USER MANUAL

The SMS Twin fan controller has:

- Designated sockets for air intake and exhaust
- 2 x 2.25 Amps (together 1000w)
- Software regulated
- No more temperature fluctuations
- Fan noise kept to a minimum
- Adjusts the speed of your fans smoothly and fluidly
- Keeps grow room within 1 degree of your set temperature

The SMS COM Twin Controller is software controlled and not mechanical like other fan controllers. Therefore, it reacts completely differently to the usual fan controllers. The SMS twin controller requires about 5 minutes to scan your grow room and make an evaluation for the gradual increase or decrease of your fans. In the course of the a cycle it will automatically find the appropriate constant capacity level of the fans to maintain programmed temperature

This new technique, used by the SMS COM twin fan controller, means no more temperature fluctuations and fan noise is kept to a minimum.

Fans of the same capacities

Even when using fans of the same capacities make sure the fans are plugged into the correct sockets for air intake or air exhaust. The SMS Twin fan controller is programmed in such a way that the "in" socket operates on a lower capacity than the "out" socket. Only when using an inlet and outlet fan of the same capacity i.e. 1000m³ and 1000m³, will the third knob be used. The normal setting for knob 3 would then be around 75% to 90%. In this way the outlet fan will work on a even higher capacity than the inlet fan, creating optimal pressure inside your room. With knob 3 the room pressure can be adjusted manually (only the exhaust fan will be turned up or down).

Fans of different capacities

When using fans of different capacities please make sure the smaller fan is plugged into the socket for the input fan. The bigger fan plugs into the exhaust (out) socket. When using fans of different capacity i.e. 1500m³ and 2250m³, there is normally no need to increase the speed of the outlet fan because there is already a difference in capacity. If necessary the exhaust fan can be turned up using knob 3.

PLEASE USE DESIGNATED SOCKETS FOR INPUT AND EXHAUST FANS!!!
INCORRECT USE CAN RESULT IN PRESSURE PROBLEMS WITH YOUR ROOM!!!

Technical Specifications
Adjustable Capacity: Max. 4,5Amp (2 x 2.25Amp)
Input: 230/240V phase
Frequency: 50HZ
Temperature: NTC temperature sensor of 2 metre 4K7 at 25°C

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