

Twin Speed Thermostatic Fan Speed Controller



Key Features

The Twin Fan Control High Power Twin Speed Thermostatic Fan Speed Controller will keep fan speeds as constant as possible once it has found its balance. Because of the way it functions, this is usually below the fans maximum operating speed, thus allowing the fan to be operating at maximum efficiency in reference to power vs performance. It also means that it will be using the minimum amount of electricity. By having a consistent fan speed, assists to increase the lifecycle of fan motors and reduce noise.

Sockets and Controls

On the unit, you will find all sockets and controls labeled accordingly for simplicity of use.

Exhaust Socket is the power supply for stale air extraction fans to be plugged into

Intake Socket is the power supply for fresh air intake fans to be plugged into.

Idle Speed Control Knob is adjustable between 20% and 60%. This knob sets the minimum speed that both fans will attain when the temperature is below the user pre-set setting.

Temperature Control Knob is used to set the correct grow room temperature between 5C - 45C.

Bala nee Control Knob adjusts the differential between the in take and exhaust fan. This is to obtain the correct balance when using similar sized/rated fans.

Numerical Display shows the target temperature.

LED Indicator is visible when the mechanism is correctly maintaining and controlling the temperature. temperature Sensor is the temperature sensor that monitors the environment.

Power In is the IEC socket

Reset is a simple circuit breaker that will protect the mechanism if it ever overloaded.

Set up and usage

Place the Twin Fan Control High Power Twin Speed Thermostatic Fan Speed Controller on to a stable surface and plug your extractor fan in to the exhaust socket and the intake fan into the intake socket. This is better suited outside the growing environment if possible

Place the temperature sensor within your growing environment where it is out of direct light and has good airflow. following that, plug the power lead into the controller and the main outlet, You can then switch on the power.

Set your desired temperature using the temperature control knob. The idle speed of both fans will also need to be selected using the speed knob. The idle speed knob controls the minimum speed that the fans will go down too when the temperature within the growing environments is under the user set figure. You can select this setting between 20% and 60%. Once this has been set, you will be able to set a differential between the intake and exhaust fans if necessary. When adjusting the balance control knob, you can sustain a negative pressure within your environment.

