

The **WFAN-1** EC Fan module allows you to control TWO separate EC type fans. EC fans have become more common due to their high efficiency and ability to operate at varying speeds. The WFAN-1 module can control ALL EC fans that utilize the standard PWM or 0-10v control signal. Cromptiva's **SEN-1, Sentry** and **GUARD-1, Guardian** can then control your fan(s) by providing separate Day and Night Temperature, Humidity and variable speed settings and much more.

Simple 2-wire, (PWM or 0-10VDC) low-voltage connections between your fans and the WFAN-1 module are quick and easy to connect. The WFAN-1 communicates with the Cromptiva main controller. The WFAN-1 then controls the fans based on the user's desired settings. The WFAN-1 module also features its own built-in digital display to make it easy to remotely check the current speed settings for both of the fan "channels".

When using the WFAN-1 module, you will have the option to select different temperature, humidity and speed settings for Day & Night, select Cromptiva's "Artificial Wind" mode, and be able to disable the fans due to low temps, low humidity or if smoke is detected within the area.

To connect the WFAN-1 module, simply connect it to the RJ12 Sensor / Device port on your Cromptiva controller using the provided RJ12 cable and Y-splitters. You can replace multiple RJ12 Y-splitters with the UNIVERSAL multi-port RJ12 "powered" hub (RJ-HUB) to provide a centralized wiring "hub" to connect multiple device modules (AND sensors) to your Cromptiva main controller. The RJ-HUB and Cromptiva's UNIVERSAL expansion ports provide a cleaner and more effective cable connection system. The two fans are connected to the WFAN-1 module using a 2-wire low-voltage cable. (See below)

*** The WFAN-1 module itself is NOT waterproof and must be positioned so that it is not exposed to mist or moisture directly.**

WFAN-1 / Specifications

EC Fan connections



Model	WFAN-1 / Dual EC Fan module
Protection Level	IP20
Product Dimensions	3.8x3.3x1.2" / 97x85x31mm
Operating Temperature	0-50°C / 32-122°F
Operating Humidity	≤90%, Non-Condensing
Operating Voltage	DC 24V
Power Consumption	≤60mA
LCD Screen	1.7" / *Shows current setting
Cable type / Connection	RJ12, 6P6C, 6-wire cable
EC Fan connections	4 hardwired screw terminals
Compatible fan types	PWM or 0-10v
Certifications	FCC