

FC Series Variable Fan Control

Model: FC-1T-1VAC

Simple and effective temperature control

The FC Series Variable Fan Control automatically controls variable speed fans according to the ambient temperature.

How it works

- When the temperature is at the temperature set point, the FC-1T-1VAC operates the fans at the idle speed setting.
- When the temperature exceeds the set point, it increases the speed.
- When the temperature increases 6°F above the set point, it increases the speed to maximum.
- When the temperature drops below the set point, it shuts off the fans (in shut-off mode), or operates the fans at the idle speed (idle mode).



Features

- Variable AC output
- Adjustable temperature set point, range: 40 to 90°F (4 to 32°C)
- Fixed 6°F temperature differential
- Automatic shut-off and idle modes
- Off set-back of 2°F for shut-off mode
- Adjustable idle speed for automatic mode
- 1-foot temperature sensor, extendable to 500 feet
- Overload protection fuse
- NEMA 4X enclosure (corrosion resistant, water resistant, and fire retardant)
- CSA approval
- 2-year limited warranty

Electrical ratings

- **Input**
120/230 VAC, 60 Hz
- **Variable stage**
10 A at 120/230 VAC, general-purpose (resistive)
7 FLA at 120/230 VAC, PSC motor
1/2 HP at 120 VAC, 1 HP at 230 VAC, PSC motor
- **Fuse**
15 A, 250 VAC ABC-type ceramic