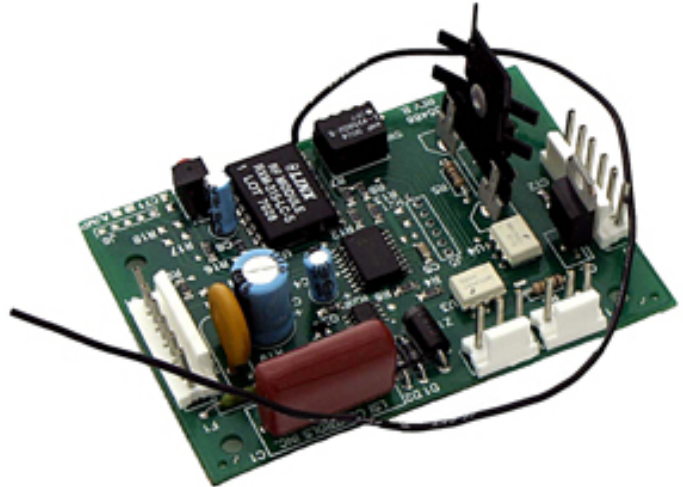




## ACUFAN™

- Connects directly to 115VAC Line
- DC version is available
- Manual or RF control input
- 2 Fan outputs up to 3A @ 115VAC
- AC line zero cross reference signal
- Analog inputs for sensors
- Digital inputs for switches
- Auxiliary 115VAC output for shutter, etc.
- LED indicator
- Hand held RF control available
- Microchip 16F818 processor w/ICSP
- FCC & UL ready



### FUNCTIONAL DESCRIPTION

The ACUFAN™ Control is designed for proportional control of AC powered equipment. Input from manual switches, pots, or RF remote controls can be converted into speed control for most fans. Speed is adjusted through phase control of the AC output in reference to a zero crossing signal.

An auxiliary on/off AC output is available to control items such as shutters.

Sensor inputs for temperature or humidity, with 10 bit analog resolution, are provided to support smart, energy wise applications.

Digital inputs support limit switches and other control inputs.

Typical applications are ventilation systems, such as whole house fans, where smart control algorithms are an advantage in improving performance and controlling operational costs.

The ACUFAN™ control is designed and manufactured in the USA. Support including customer service and customized software or hardware is readily available. Free software and custom design are available to qualified OEM customers. Code support is available at no charge to all developers.