

MIC-50 Fan Control Retrofit Kit

MIC-50 retrofit fan control improves Indoor Environmental Quality

Dial-In perfect air-flow for the highest satisfaction in room comfort

Studies show that noise, poor thermal comfort and poor Indoor Air Quality are the leading causes of unsatisfactory environmental conditions in schools, hospitals, and work places. Our fan control retrofit gives the occupant the ability to set the desired comfort level.

Productivity impact from excessive fan speeds

- Thermal discomfort from hot or cold rooms results in poor student attention, affected teacher performance, and reduced office productivity.
- Controlling amount of outside air for individual room requirements saves energy.
- Poor IAQ reduces concentration and ability to perform for students and workers.
- Fan noise and equipment rattling are leading complaints of occupants.
- Excessive fan speeds result in excessive energy consumption and increased expensive filter changes.



Schools

Absenteeism can cost millions

- Thermal discomfort can result in absenteeism due to real or imagined illness.
- Improper ventilation leads to poor IAQ, known to cause illness.



Hospitals

Dial-in the perfect fan speed can

- Increases room comfort.
- Set ventilation rates to desired level.
- Reduce air and equipment vibration noise.
- Reduce filter changes.
- Save energy.
- Improve humidity control with slower fan speed.
- Reduce cycling



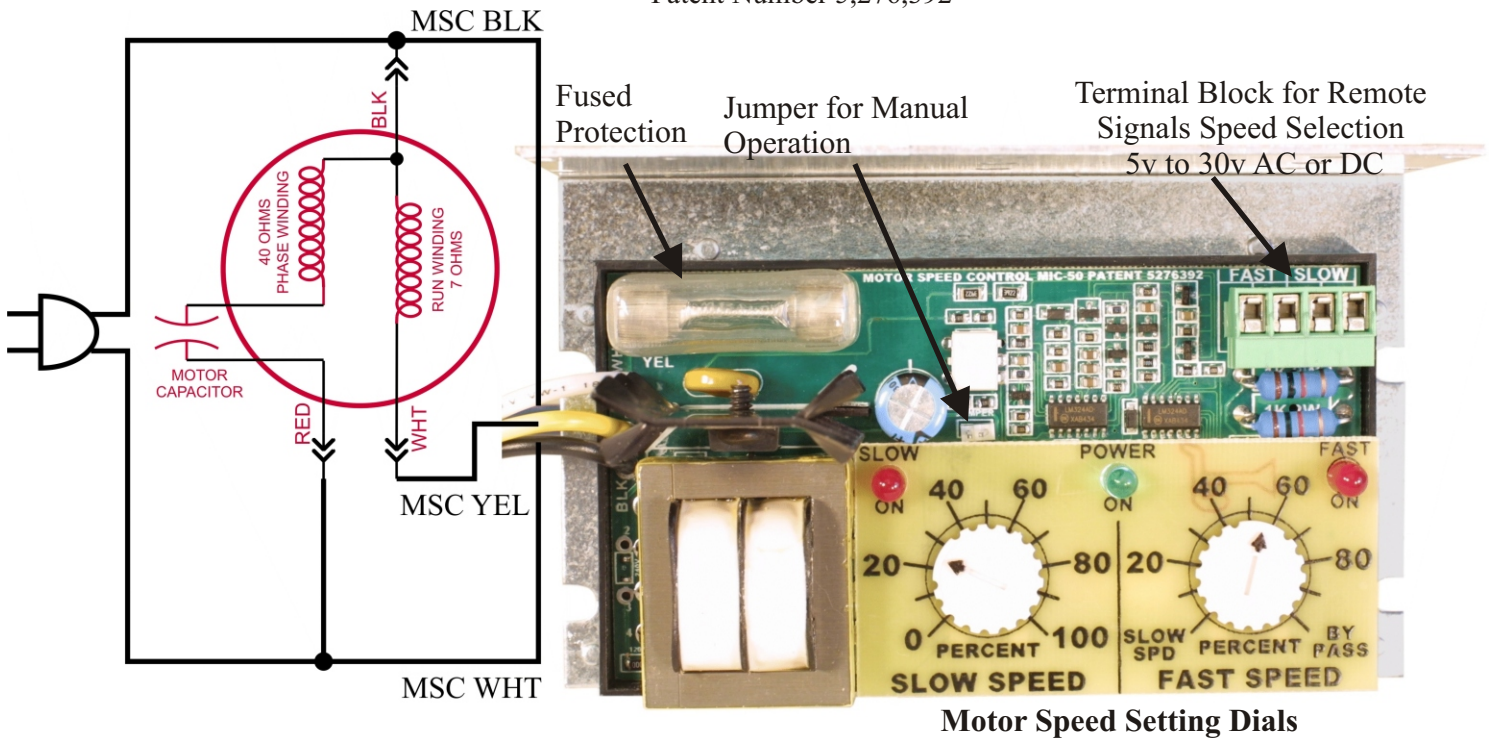
Office

Promote a healthier working environment through technology

MIC-50

Single Phase Motor Speed Control

Patent Number 5,276,392



Application

- All vertical markets including schools, hospitals, hospitality and office.
- Unit ventilators, fan coils, fan powered VAV, exhaust fans, and other equipment having single phase fans
- 115 vac, 240 vac, and 277 vac motors, ½ hp. maximum
- Single speed reset for standard analog and pneumatic temperature controls
- Works with any manufactures temperature control inputs

Installation

- Three power wire connection + Control
- 2" by 4" controller inside unit panel
- Re-balance outside air setting for lowered speed