



All FanHandler controls are ETL listed for the United States and Canada under UL Standard 508 and CSA C22.2, NO. 14-95. Listed products can be installed on new as well as existing equipment. The FanHandler circuit has been marketed since 1961. Through these many years of durable service, they have proven themselves to be trustworthy and effective.

Efficiency - With a FanHandler motor speed control installed, a typical fan motor will use only 15% of the power at 50% speed, as it would when running at full speed. Energy use will drop because the FanHandler control only delivers the power that the furnace, air conditioner or heat pump system requires to offset the moment-to-moment heating or cooling need.

Comfort - FanHandler's wide-range speed control delivers only the heating or cooling required to match weather conditions. The furnace, air conditioner or heat pump will no longer overshoot and undershoot the thermostat setting because the fan isn't forced to run part time at high speed for worst-case conditions. The FanHandler will seldom reach full speed because the system is working under very tight temperature control. Heat pumps will no longer blow cold air that seems to last forever when beginning the heating cycle. During the low speed periods, (*enough air to move tissue but not enough to blow-out a small candle*) the air is gently moved throughout the home or office. During this period, (when an old fashioned, part-time, on/off, high-speed fan would be off) heat from the sunny side of the home is gently returned to the central fan and mixed with the air returned from the cooler areas before being gently sent back out to keep the air throughout the home mixed, fresh, filtered and at steady, even temperatures.

Indoor air quality - Everything connected to, installed on or associated with a furnace, air conditioner or heat pump **stops working when the fan shuts off**. Because the FanHandler keeps the air gently moving at all times, everything keeps working at much higher efficiency. Electronic air cleaner efficiency is greatly increased. Germicidal (UV) lamps are constantly operating (which extends their life) and their "kill time" is vastly increased. Air conditioners remove greater quantities of water from the air. (lots of reports of 10 to 30% reduction in relative humidity)

Ratings Data:

All models of FanHandler controls come in two separate maximum voltages.
120 volt models are rated for up to 15 amps - **240** volt models are rated for up to 8 amps
For use on PSC or Shaded Pole motors commonly found in direct drive fans and blowers.
Enclosure: Aluminum - NEMA type 1- Speed regulation is by solid state phase modulation.

Models: (see the speed/temperature graphs for control action)
FAC For furnaces (oil - gas - electric) with air conditioning modulates fan speeds on both heating and cooling in response to output temperature.
HP For Heat Pumps air to air and water to air. Modulates fan speeds in response to delivered air temperatures.
LA For head pressure stabilization by modulating condenser fan speed. These controls are so good that you'll swear that your gauges are broken. **No "hunting"**. Super easy installation.
0 to 10 vdc The ZoneHandler for constant duct pressure in zone controlled systems. When zones shut down the blower's speed reduces to compensate. Eliminates the need for "dump zones or short circuit dampers. Modulates the fan motor from a 0 to 10 volt dc signal as produced by pressure transducers, and some solid state thermostats used with large building automation systems .

INDOOR ENVIRONMENTAL QUALITY BEGINS WITH THE FanHandler