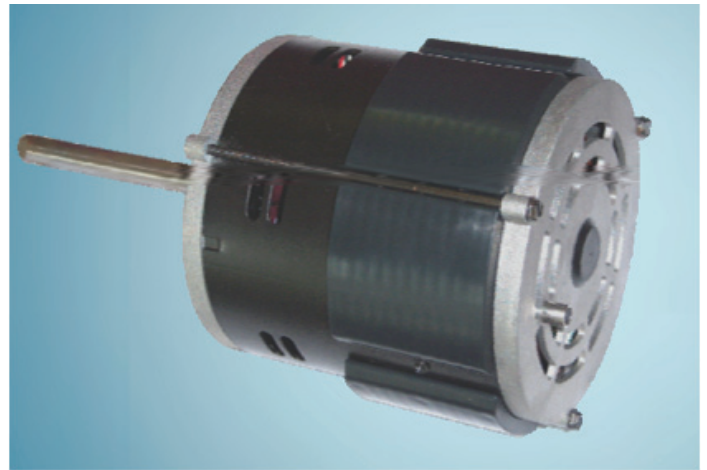




Fact Sheet: High Efficiency Fan Motor Upgrade

Odds are, you've never even thought about the fan that moves air through your central heating or cooling system. As long as hot or cold air comes out when you want it, you probably don't give a second thought to what's blowing the air or what it's costing you. It may be costing more than you realize.

Did you know that standard furnace fan motors can draw more electricity than six 100 watt light bulbs?



Studies have found that the fan in typical central air conditioning system in California homes draws over 600W on average. That's 600W every time your system is running, which can really add up on your heating and cooling bill.

High efficiency motors do the same job while using much less energy

The fan motors in most systems range from 34% to 67% efficient, which means that only about half of the energy they consume is actually used to turn the fan. The other half is wasted. A higher efficiency motor technology called Brushless Permanent Magnet, or BPM, is now available to consumers at affordable prices. BPM motors are up to 80% efficient which mean they use much less energy to move the same amount of air. And because they are brushless, BMP motors are less susceptible to mechanical wear, offering longer expected lifespans than conventional brushed motors.