

- **Smart Fan Controller (SFC)** works with smart thermostats to improve energy efficiency for air conditioners, gas furnaces, heat pumps, and hydronic heating based on Intertek laboratory tests
- www.greenfan.co/s/Intertek_DXGF.pdf
- www.greenfan.co/s/Intertek_DXHP.pdf
- **SWHC059-01 SFC** is approved by the California Public Utilities Commission www.caetrm.com/measure/SWHC059/01/
- **Made in USA**, is more reliable, uses 4 times less standby power (0.3 vs. 1.3W), and saves two times more energy than other fan-off delay controllers
- **UL listed** with 5-year warranty, lasts for life of HVAC equipment or longer
- **Connects** to low-voltage thermostat wires, installation takes 15 minutes, and more than 150,000 units have been installed since 2013
- **Monitors** AC, fan, and heat signals to work with smart thermostats and save 334 kWh/yr and 21.7 therms/yr compared to other fan controllers that only monitor fan signals and increase fan energy.
- **Research studies** indicate 9 to 31% of users select fan-on controls. Adding fan-off delays to hourly fan-on durations increases energy use by 17 to 50% or 183 to 730 kWh/yr (183 kWh/yr based on 2.5 minutes to 5-minute fan-on durations with 0.5 kW fan and 730 kWh/yr based on two 10-minute fan-on durations per hour).
- **US Patents** 11460208, 10047969, 10119719, 9797405, 9410713, 10281938, 10533768, 10712036, 9995493, 11187425

greenfan® Smart Fan Controller works with smart thermostats to increase comfort and save cooling and heating energy

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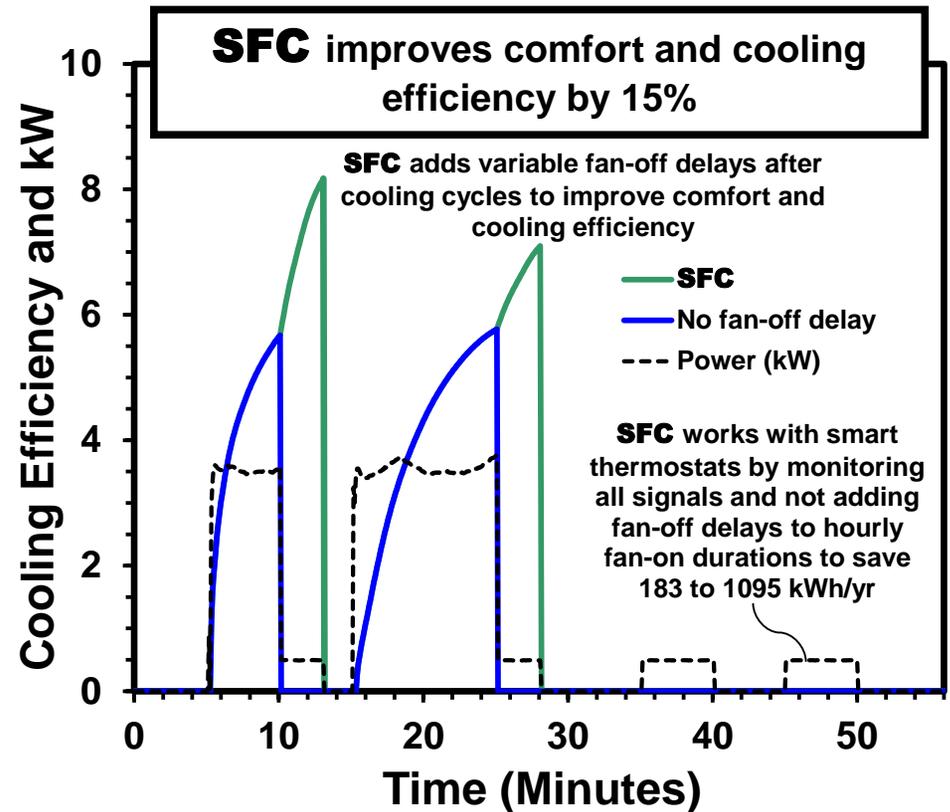
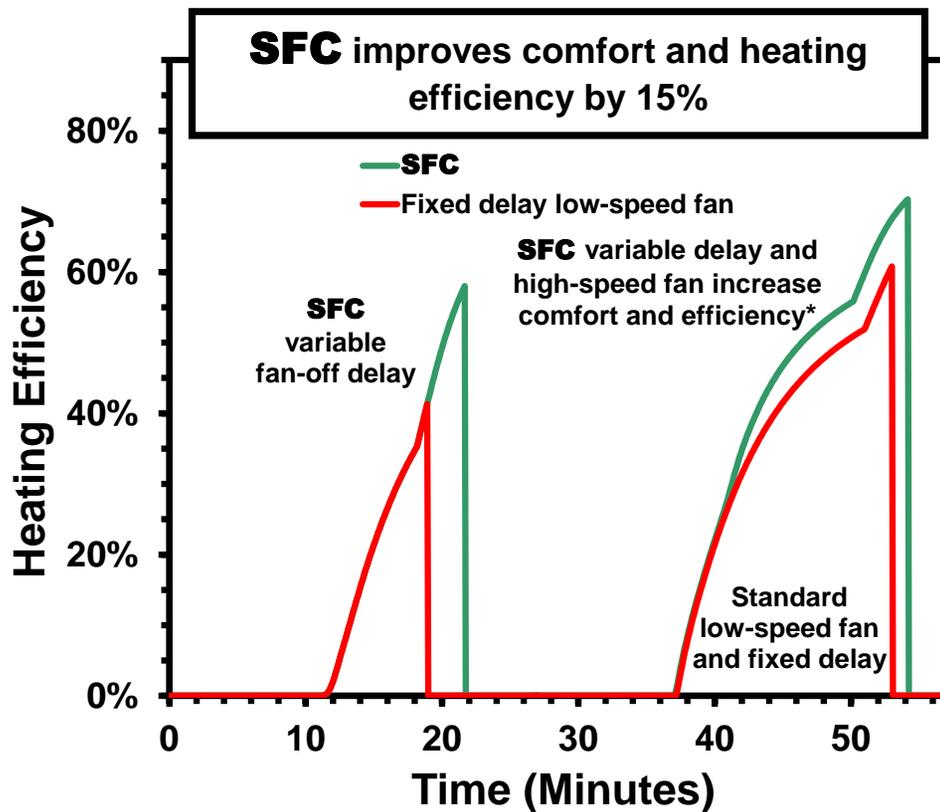
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Smart Fan Controller (SFC)

improves energy efficiency and indoor air quality

Intertek^{®†} laboratory tests and field tests show **SFC** variable fan-off delay saves 15% on heating by delivering more heating energy from gas, heat pump or hydronic heat exchangers that would otherwise be wasted. High-speed fan increases gas furnace efficiency for enabled systems.

Intertek[®] lab tests show **SFC** removes 0.5 to 0.8 pounds of water per AC cycle from evaporator coils to help prevent biofilm, maintain airflow, and saves 15% on cooling. **SFC** works with smart thermostats and does not add fan-off delays to hourly fan-on durations.



*SFC high-speed fan saves gas by satisfying thermostat call for heating (right green curve) before standard low-speed fan (red curve).

[†]Intertek[®] is an AHRI-Certified HVAC Testing Laboratory.