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GeoStar introduces variable capacity Sycamore Series geothermal comfort system

Fort Wayne, IN – [GeoStar](#) introduces the [Sycamore Series geothermal comfort system](#), which combines a variable capacity compressor with a variable speed blower motor and a variable speed loop pump to provide energy-efficient comfort, while protecting the environment. The use of variable technology allows the unit to scale output to exactly the level needed, rather than running at one or two speeds, like the majority of HVAC systems.

Available in 3- to 5-ton capacities, the Sycamore Series achieves an energy efficiency ratio (EER) of 41 and a 5.3 coefficient of performance (COP), which represents efficiencies more than twice that of ordinary heat pumps or air conditioners and a third higher than [current two-stage geothermal heat pumps](#). The Sycamore's variable capacity compressor offers soft start capabilities that eliminate light flicker and gently ramps up to speed for quiet operation.

The new Aurora control board offers true two-way communication between components, intelligent operating logic and powerful troubleshooting capabilities. The unit controls and monitors system conditions and can even determine when excess heat is available to route to the water heater. This option enables the Sycamore to generate supplemental hot water from energy that would otherwise be wasted.

A corrosion-resistant air coil increases equipment life, while the coil's large size improves efficiency and provides better dehumidification during cooling. The cabinet features a durable

powder-coat finish for long-lasting beauty and protection, and the system is fully insulated for quiet operation with cleanable foil-backed insulation.

The [ENERGY STAR®](#) rated Sycamore Series also features environmentally friendly R-410A refrigerant to meet the most stringent requirements of the U.S. Environmental Protection Agency. In addition, the Sycamore Series qualifies for a 30 percent federal [tax credit](#).

For additional information about the new Sycamore Series from GeoStar, visit www.geostar-geo.com or contact your local GeoStar distributor.

WFI Industries

WFI Industries is a leading manufacturer of residential, commercial, industrial and institutional geothermal and water source heat pumps. Products from WFI Industries include energy-efficient and environmentally friendly geothermal comfort systems, indoor air quality products and pool heaters. WFI Industries was founded in 1983, the company is headquartered in Fort Wayne, Ind.

For additional information, please visit www.geostar-geo.com.

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Sycamore Series: <http://www.geostar-geo.com/residential/sycamore/>

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