



Air Conditioning & Heating

News Release

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Ultra-Low NOx Gas Furnace Introduced by Goodman®

High-efficiency, multispeed ECM units
provide up to 96% AFUE

HOUSTON, February 15, 2018 – Goodman Manufacturing has introduced ultra-low NOx gas furnaces that not only reduce emissions but also reach up to 96 percent AFUE, high-efficiency heating performance.

Inside the **Goodman** brand GMES96-U gas furnace, a powerful tandem of a stainless-steel premix burner and **Goodman's** stainless-steel, primary heat exchanger with wrinkle bend technology creates an optimal blend of fuel and oxygen, reducing nitrous oxide emissions while improving heating efficiency.

In Goodman's two-step combustion process, first the fuel and air are premixed prior to combustion, then burned on a lower flame. The result is cleaner combustion with more efficient heating. With up to 96 percent AFUE ratings, nearly all of the fuel's energy is effectively used to heat the home.

The heart of the single-stage furnace features **Goodman's** heavy-duty stainless-steel tubular heat exchanger. Its distinctive steel construction is formed using patented wrinkle-bend technology to create an extremely durable heat exchanger designed to heighten heat transfer.

A quiet, multispeed ECM motor inside **Goodman's** ultra-low NOx gas furnaces automatically adjusts airflow to match comfort needs, reducing energy consumption and system noise, compared to single-stage motors. Also featured: a durable silicon nitride igniter and a self-diagnostic, pre-programmed control board that continuously monitors the system for consistent, reliable operation.

Sealed combustion enhances the unit's quiet, enhanced energy-efficient performance by adding heat to the indoor air, not by exchanging it with outdoor air. Thermally-insulated cabinets provide air leakage of less than two percent.

Available in upflow or horizontal, **Goodman's** new ultra-low NOx gas furnaces comply with California's low-NOx emissions regulations Certified at 3.8 ng/J.

All **Goodman** brand heating and cooling systems are designed, engineered and assembled in the United States.

For more about Goodman, visit www.goodmanmfg.com.

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PHOTO CAPTION

Goodman's heavy duty, primary stainless-steel tubular heat exchanger featuring wrinkle-bend technology.





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About Goodman

A member of the DAIKIN group, Houston-based Goodman Manufacturing Company, L.P. is a leading manufacturer of heating, ventilation and air conditioning products for residential and light commercial use. **Goodman** brand products are predominantly sold through company-operated and independent distribution networks. For more information, visit www.goodmanmfg.com.