



## Breaking News

# Rheem Government Affairs

October 2, 2023

## DOE Finalizes Furnace Efficiency Rule

### *First major increase in minimum efficiency since 2015*

On September 29<sup>th</sup>, the U.S. Department of Energy (DOE) pre-published a final rule for energy conservation standards of non-weatherized gas furnaces (NWGFs) and mobile home gas furnaces (MHGFs). The rule sets the new minimum annual fuel utilization efficiency (AFUE) to 95% for both product classes.

Product Class	Current AFUE Minimum	2028 AFUE Minimum
Non-Weatherized Gas Furnaces	80%	95%
Mobile Home Gas Furnaces	80%	95%

An AFUE level of 95% requires the use of condensing technology. Thus, the new rule effectively eliminates new non-condensing residential furnaces. DOE is *not* adopting standby mode or off mode power consumption standards for NWGFs and MHGFs in this final rule.

Compliance with the amended standards is required on and after 5 years after the notice has been published in the Federal Register. **We expect publication by the end of the year, resulting in a compliance date in late 2028.**

DOE expects these standards to cumulatively save consumers \$24.8 billion on their energy bills over 30 years.

## Key Takeaways

DOE raises the minimum efficiency for residential furnaces for the first time since 2015.

The new minimum efficiency level of 95% AFUE requires the use of condensing technology.

The compliance date will be announced by DOE and is expected to be late 2028.

For more information, visit the DOE [Rulemaking page for Consumer Furnaces](#)

