



## The NAECA Guidelines

The U.S. Department of Energy (DOE) regulates minimum energy efficiency requirements for water heaters.

The first set of regulations—known as the National Appliance Energy Conservation Act (NAECA)—were created in 1990 and later updated in 2004 to the current standards. A new update to the rules for increasing minimum energy efficiency standards was enacted in 2010 and goes into effect on April 16, 2015.

### 2015 NAECA Tankless Energy Factor Regulations

Tankless NAECA Minimum Efficiency Standards will remain at the previous rating of .82 EF for all gas tankless units under 200,000 BTUs of input.



Scan the QR Code for more information or visit [takagi.com/NAECA](http://takagi.com/NAECA).



What you need to know

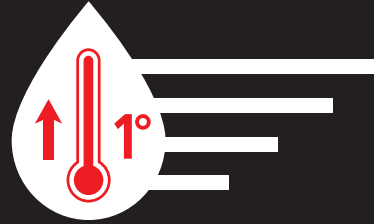
# ABOUT THE NEW NAECA GUIDELINES.

The simple answer about the complex new standards.

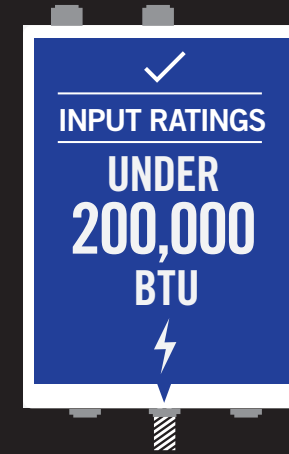


## NAECA 2015 & Gas Tankless Units

Under the new NAECA regulations, tankless water heaters with inputs below 200,000 BTU with an EF rating of at least .82 are NAECA compliant.



A BTU, or British Thermal Unit, is the amount of energy needed to heat one pound of water by one degree Fahrenheit.



Gas tankless water heaters with storage volumes of less than 2 gallons and input ratings under 200,000 BTU are NAECA compliant and covered by the EF rating.

### What does it mean to you?

Takagi is always working hard to provide our customers with the best tankless water heaters possible. So you don't have to worry about the technology and engineering involved with the NAECA 2015 standards—our products already meet or exceed those standards today.

### Product substitutions.

In order to meet NAECA 2015 efficiency standards, some tank-style water heaters will no longer be manufactured. In some of these situations, Takagi tankless models may not only make sense but be more cost-effective options.

### Sell-thru timelines vs. manufacturing.

The NAECA regulation effective date of April 16, 2015, applies only to the manufacture of water heaters.

Manufacturers, distributors and contractors may continue to sell products manufactured prior to this date for an indefinite period of time.

### Applications to watch for.

If you already use Takagi tankless water heaters, you won't have to worry about the new NAECA efficiency requirements.

To meet the new NAECA standards, tank-style water heaters will likely grow in physical size, thus making some replacement installations difficult due to space constraints. Takagi tankless models could provide the ideal fit for many of these installations. Not only are Takagi units already NAECA compliant, but also they will take up less space than an existing tank-style unit while producing continuous hot water.

When talking to homeowners about their water heating options, be sure to help them compare replacement expense versus unit efficiency and hot water delivery performance. Because of the new efficiency standards and their impact on tank-style water heaters, certain replacement options that weren't ideal before the NAECA 2015 change may now be more attractive based on newer units.



For more information, visit [takagi.com/NAECA](http://takagi.com/NAECA)



## WHAT YOU SHOULD DO.

We want our customers to be confident that Takagi is ready for the upcoming 2015 NAECA regulations. In fact, all our high efficiency tankless water heaters are already compliant with the upcoming rules. To learn more about our readiness and to view a list of our compliant units, visit [takagi.com/NAECA](http://takagi.com/NAECA).

If you have further questions about NAECA and how Takagi is addressing the new efficiency requirements, please contact your regional sales manager or sales rep agency.