



Tankless Water Heater Guide



Complete Noritz Brand Guide

Tankless water heaters are touted as bill-lowering appliances that provide you with endless hot water, but are they all created equal? The short answer is no, but why is that? Well, like any other household appliance, some brands put in a bit more effort than others to ensure you and your home receive the best experience possible.

Monkey Wrench Plumbing, Heating & Air has spent over 15 years working with the top tankless water heater brands on the market, and Noritz sits at the top of the list, along with a few others. But what does that mean? Are Noritz tankless water heaters really that good? How do they stack up against the competition? These are just a few topics we'll discuss over the course of this guide.

We've included several key topics frequently brought up by our customers, including:

- [A Noritz brand review](#)
- [The cost of a Noritz tankless water heater](#)
- [Qualifying rebates and tax credits](#)
- [Popular brand comparisons](#)
- [Common Noritz error codes in Los Angeles County](#)

If you're ready to dive in, let's start by getting to know Noritz as a brand. Or, if you know which topic you'd like to explore, just click the link in the above list. Now, let's get moving!

Noritz Brand Review: Unrivaled Warranty Coverage Meets Versatile Variety

Before going all in on upgrading to a Noritz tankless water heater, it's always a good idea to get as much information about the brand as possible. This is where our Noritz brand review comes in to paint a clear picture of what you can expect out of Noritz as a company.

In this review, we'll cover the main talking points surrounding all tankless water heaters, including:

- [Brand History](#)
- [Cost](#)
- [Warranty](#)
- [Efficiency](#)
- [Availability](#)
- [Variety](#)
- [Additional Features](#)

By touching on these topics, we'll give you enough information to help you make an informed decision when it comes to your tankless water heater upgrade.

Let's jump in by getting to know the history behind the name Noritz before getting into the nitty gritty.

Noritz Brand History

- Founded in 1951
- Introduced the first electronic tankless water heater in 1981
- Invests in contractors with training and other media

Noritz is a Japanese company that was **founded in 1951**. The company arrived on the scene by launching a new type of bathwater heater. From there, Noritz continued to evolve its water heating technology, and **in 1981 it created the first electric tankless water heater**.

With **over 60 years of tankless water heater experience**, Noritz has built a reputation for **industry-leading innovation** and is **trusted by many reliable contractors**. In fact, Noritz takes pride in the contractors it works with and **offers them training** and even has a podcast to keep interested contractors and customers up to speed.

While all of this sounds nice, we have to address the elephant in the room: cost.

How Much Do Noritz Tankless Water Heaters Cost?

- Higher cost than competitors like Takagi
- \$1,200 to \$3,200 without installation

As you might expect, with such a strong reputation, **Noritz isn't the cheapest option** on the market. Tankless water heaters are already more expensive than tank-style water heaters, and that price only increases with brand recognition.

A Noritz water heater on its own will run you about \$1,200 to \$2,300. Installation can increase the total cost of a Noritz water heater to between **\$4,700 and \$8,300**, depending on which contractor you choose and the available installation packages.

But with an investment like this, you'll need to ensure you're covered in case issues arise. Luckily, **Noritz provides some of the strongest warranty coverage around.**

What to Expect from a Noritz Tankless Water Heater Warranty

- Up to 25-year warranty
- Unrivalled warranty term

A typical tankless water heater warranty is around 12 years. **Noritz crushes the norm by offering up to 25 years of coverage on select models.** Considering tankless water heaters last from 12 to 25 years, depending on if the heat exchanger is copper or stainless steel, this is especially strong coverage.

The second-best warranty on the market comes from Navien, which led the pack for some time in the warranty department. **Navien's warranty hits the 15-year mark.**

Noritz's top-tier coverage adds an additional layer of security when it comes to protecting your investment and is unrivalled in the space as of this article. Speaking of making the most out of your investment, what can a Noritz really do for you aside from providing hot water?

Noritz Tankless Water Heater Efficiency

- Up to 98% efficiency
- High-efficiency models qualify for maximum California rebates and federal tax credits

Tankless water heaters are synonymous with efficiency, but some models are built differently than others. Noritz is one of a few manufacturers that makes high-efficiency tankless water heaters. The brand touts up to 98% efficiency, meaning your home will be more eco-friendly and waste less energy.

Noritz's high-efficiency models also net the additional benefit of the maximum California rebate of \$1,000 and the maximum federal tax credit of up to \$600. Putting money back in your pocket is seldom seen as a negative, so if you choose a high-efficiency model, you'll get a little extra in return.

Are Noritz Tankless Water Heaters Readily Available?

- Readily available
- Easy Los Angeles County access to parts

Despite being a popular option for many contractors, Noritz tankless water heaters aren't in short supply. The company makes it easy to get your hands on just about any model in its inventory. If you're in Southern California, you also have the added benefit of being close to Noritz's headquarters, making replacement parts that much more accessible to local residents.

What Kind of Variety Can You Expect from Noritz?

- Copper and stainless steel heat exchangers
- EZ line makes converting from tank-style to tankless easy
- Variety of models for different sizes of home
- Indoor and outdoor models

Noritz provides a wide range of options, from single-fixture tankless water heaters to residential options that can service homes with up to four bathrooms. Along with this flexibility, the company offers innovative designs like its EZ models.

The EZ line is ideal for homeowners transitioning from a tank-style water heater to a tankless one. Noritz's design allows for easy hookup to existing gas and water lines thanks to an inverted design.

The stainless steel heat exchanger is a relatively new breakthrough in tankless water heater technology. While Navien offers only stainless steel options, Noritz stocks copper and stainless heat exchangers. This variety adds a little wiggle room to pricing on the less-expensive copper models. Copper models are expected to last from 12 to 30 years with maintenance, while stainless steel versions will run from 15 to 25 years with maintenance.

You'll also find both indoor and outdoor tankless water heaters in Noritz's lineup. Providing both options to customers gives more flexibility in where you can install your tankless water heater.

Additional Features

- Wi-Fi controllers
- App-based support and reminders
- Remote Starts

In terms of extra bells and whistles, Noritz is up there with Navien when it comes to providing a well-rounded set of expected and experimental features. Most recently, Noritz has implemented Wi-Fi controllers, app-based support and reminders, remote starts, and other features.

While a standard tankless water heater will serve you just fine without the added bells and whistles, Noritz is constantly striving to make the tankless water heater experience more convenient and integrated.

Pros

- Reputation
- High-efficiency
- Qualifies for maximum rebates and credits
- Widely available
- Strong variety
- Best warranty in the industry
- Additional features on offer

Cons

- Brand recognition informs higher price

Now that we've got a broad sense of Noritz as a brand let's get a bit more granular and take a closer look at cost.

Cost of a Noritz Tankless Water Heater

Since there is no one set price for a tankless water heater installation, we typically refer to the price scale in ranges. While we mentioned those ranges in the above brand review, we can also break them down a bit more to see what exactly might raise the price of a Noritz tankless water heater installation.

To reiterate, you're typically looking at **\$1,200 to \$2,300 for a residential Noritz tankless water heater alone.**

Depending on your home **size, demand, and the number of bathrooms**, the cost of a Noritz tankless water heater will scale. To get a clear idea of what you might need, take these [3 steps to determine which size of tankless water heater is right for you.](#)

While you can get a great idea of what to expect in terms of price by determining the size of the tankless water heater you'll need, there are still several factors that can increase the overall cost, mainly installation.

Factors That Impact Cost

So, you're committed to going all-in on a tankless water heater but aren't sure what surprises might be in store for you. Well, there can be a few, including installation. **Beyond installation, some of these modifications can cost between \$395 to \$3,900.**

Factors that impact cost include:

- [Installation](#)
- [Venting](#)
- [Water Lines](#)
- [Gas Lines](#)

Installation

Installation is an inevitable expense when choosing a major home upgrade, and Noritz tankless water heaters are no exception.

While the tankless unit itself may come in at the top end of \$2,300, **adding installation can carry the final cost to between \$4,700 and \$8,300**. That's quite the range, but some companies offer both [base and premium installation](#), which extends the possible cost quite a bit.

While a **basic installation** will get you all the water connections, gas connections, [new isolation valves](#), and the unit, a **premium installation** adds a bit more value. Some installers include an [expansion tank](#), a [neutralizer](#), and [water treatment](#) for your tankless water heater.

But aside from the installation cost, you may run into a couple of other expenses during the process.

Venting

[Venting](#) is one of those installation pitfalls that can cost you a little or a lot, depending on the depth of modifications. On the low end, [adjusting venting](#) can cost about **\$395**.

But venting can get complicated depending on the state of the existing system. In this case, the math is pretty simple. Some homes may require less venting than others. **The longer the venting, the higher the cost.**

Where your water heater is located can also have a bearing on the cost of venting. In some cases, the type of venting needed to complete the installation may be different than a more standard installation.

Water Lines

If your water lines are on the older side, a technician will likely need to replace them to ensure everything is above board. Additionally, if you choose to **relocate your water heater**, you'll likely have to run more water lines, which will bump the cost up further.

Fixing up or running new water lines to be in working order can run from about the \$395 mark to around \$995. While this isn't the steepest issue to remedy, the

state of your water lines is something to factor into your budget if you want to play things safe.

Gas Lines

Tankless water heaters require ¾-inch gas lines, but many homes have hookups with ½ lines. This means that these gas lines may have to be replaced, adding an unexpected cost to the initial installation.

Some gas lines may be old and in need of replacing, even if they fit correctly. You're looking at a similar additional cost in this case as well.

On the high end, revamped gas lines could cost up to \$3,900.

2023 Noritz Tankless Water Heater Rebates for Los Angeles

Upgrading to a Noritz tankless water heater can net you plenty of benefits, like lower gas bills and endless hot water. But for some, recouping some of their initial investment is still a top priority. Luckily, rebates and federal tax credits are in place to help new Noritz tankless water heater owners do just that.

Let's look at how to file a rebate for Noritz tankless water heaters and how to apply for federal tax credits, as well as what Noritz models qualify for rebates and credits. With this information, you'll be able to file for a rebate and/or tax credit with ease, saving you time and money in the long run.

What Tankless Water Heater Qualifies for a Tax Credit?

Checking to see if your tankless water heater qualifies for a tax credit on a government site can get confusing. Let's focus in on the key information provided by the IRS regarding residential energy-efficient property credit.

Tankless water heaters qualify for a tax credit, according to [the IRS](#), because they fall under “any item of energy-efficient building property.”

The federal tax credit in 2022 was \$300. In 2023, the [Energy Efficient Home Improvement Tax Credit](#), under the [Inflation Reduction Act of 2022](#), dictates that

certain high-efficiency models qualify for a tax credit of up to 30% of the cost of the tankless water heater and installation up to \$600. This extension effectively doubles the potential savings [compared](#) to the previous year.

How Do Tankless Water Heaters Qualify for Rebate Tiers?

The [Department of Energy](#) tests tankless water heaters in real-life conditions to determine efficiency. From here, **the tankless water heater or heaters are given a rating called a Uniform Energy Factor (UEF) rating.**

A tankless water heater with a **UEF rating of 0.95 or higher** will net you the **maximum rebate** amount of **\$1,000**. A UEF rating of **0.87 to 0.94 qualifies for \$800**, while a UEF rating of **0.82 to 0.86 nets an \$80 rebate.**

On April 1, 2023, the rebate for tankless water heaters rated between 0.82 and 0.86 UEF will drop to \$80 from \$600 for units purchased after April 1.

Noritz Tankless Water Heaters Qualifying for Rebate

Not every tankless water heater is created equal, and that also goes for Noritz's products. There are three rebate tiers for high-efficiency tankless water heaters.

The most efficient tier will garner the maximum \$1,000 rebate. There aren't as many models in this tier as in the mid-tier, but these models are some of the more popular options. Looking at the **mid-tier** options, these Noritz tankless water heaters will earn you **\$800** back in rebates. Rounding out the list is the **lower tier**, which earns homeowners **\$80** back.

Let's break things down tier by tier, model by model, per [SoCal Gas's criteria](#). **This list may change over time due to alterations in rebate policies.**

\$1,000 Noritz Tankless Water Heater Models

- EZ98
- EZ111
- EZTR50
- EZTR75
- NRCR92
- NRCR111

\$800 Noritz Tankless Water Heater Models

- EZTR40
- NRC71
- NRC98
- NRC111
- NRC66
- NRCP98
- NRCP111

\$80 Noritz Tankless Water Heater Models

- NR98
- NR83
- NR66
- NR50
- NC199

How to Apply for Los Angeles Tankless Water Heater Rebates

Applying for a Noritz tankless water heater rebate is simpler than it sounds. In just a few steps, you can be on your way to netting yourself up to \$1,000 in rebates and up to \$600 in federal tax credits. Just follow the below process to secure a return on your investment.

How to secure your Noritz tankless water heater rebate:

- 1. Upgrade to a high-efficiency Noritz tankless water heater.**
 - These rebates are only available for those upgrading to a tankless water heater for the first time.
- 2. Be sure you purchase your Noritz tankless water heater by December 31, 2023.**
 - Be sure to keep all of your receipts and invoices with dates so you can have the required documentation.
- 3. Apply for a rebate on the SoCal Gas website [here](#).**
 - Long Beach residents must follow a slightly different process and apply [here](#). **The form has not been updated yet but is expected to be.**
- 4. Submit your tankless water heater information and [tax credit form](#) while filing your taxes to apply for the maximum tax credit.**

After filing for the rebate, you should **expect a check in about four to eight weeks**. If your application is denied due to incorrect information, you'll have to resubmit and wait for another four to eight weeks.

Following the above process could net you up to \$1,600 in rebates and tax credits, meaning more money back in your pocket.

Popular Brand Comparisons

Now that you've got a lay of the land as far as price and rebates are concerned, the next step is to take a look at how Noritz stacks up against other top names in the industry. We've put together some brand comparisons for you that include popular names like Navien and Rheem.

These comparisons will help give you a better understanding of what Noritz does well and where the brand might need improvement compared to other brands.

There are plenty of tankless water heater brands on the market, but few are as renowned as Noritz and Navien. But if both brands are top choices for going tankless, are they really any different? That's what we're here to walk you through!

Let's jump into comparing the two brands by categorically breaking down where they're alike and where they diverge.

Noritz vs. Navien: What's the Difference?

To understand each brand, you'll need a broad overview of certain factors. In the following comparison, we'll take a look at:

- [Technology](#)
- [Efficiency](#)
- [Price](#)
- [Warranty](#)
- [Parts Availability](#)
- [Rebates](#)

Check out how Noritz and Navien stack up in terms of technology.

Technology

When you hear the word technology, you're probably thinking about complicated electronics. While both brands feature models with onboard computer boards, technology, in this instance, refers specifically to heat exchangers and the strides both companies have made.

Both Navien and Noritz feature the latest and greatest heat exchanger technology in the form of stainless steel heat exchangers. The kicker here is that **Navien is credited with revolutionizing the field with the world's first stainless steel heat exchanger** for tankless water heaters, giving them an added layer of trustworthiness.

Navien also pioneered the first built-in recirculation pumps, which were previously added onto tankless water heaters during installation. Noritz has since adopted the technology, but Navien gets the benefit of being first on the scene with new, more convenient technology yet again.

Noritz gives itself an edge in the technology department, though. **The company's EZ series is designed to make switching from a tank-style water heater to a tankless water heater a relative breeze.** Thanks to some creative placement of the water inlet and outlet, the EZ series ensures that you won't have to run new water lines when making the switch, **saving you hundreds in the process.**

All of these strides are great and all, but what about efficiency? What good is top-of-the-line technology if it costs you an arm and a leg in bills every month?

Efficiency

When you look at anything that impacts the environment and your monthly bills, efficiency is top of mind. Luckily, tankless water heaters are highly efficient, and the case is no different for Noritz and Navien.

Being two of the industry's top earners, Navien and Noritz both offer homeowners high efficiency across their many respective models. **Looking at Navien specifically, you can expect up to 98% efficiency.**

On the Noritz side, high-efficiency models can reach up to 96% efficiency. While this is 2% beneath Navien, Noritz is still right at the top. Navien has the slightest edge here, but **the difference isn't enough to sway an opinion in either direction when you're comparing the two brands.**

High-efficiency models are great, but what about the cost? What can you expect from each brand?

Price

Price is another area where both brands are neck in neck. To keep it brief, you can expect to pay between **\$1,200-\$2,300 for a tankless water heater alone. With installation, you're looking at anywhere between \$4,700 and \$8,300**, depending on if your installer offers premium installation services with multiple add-on components like water treatment.

Luckily, both brands offer warranty coverage to help protect your upfront investment.

Warranty

Ok, you get it by now. Both Navien and Noritz are top-end brands with little to differentiate them. But when it comes to warranty, one company stands a bit taller than the other.

For years, **Navien led the way regarding warranties with a blanket 15-year warranty** on all of its heat exchangers. But, Noritz has since surpassed Navien as the industry leader in terms of warranties. **Noritz now offers a 25-year warranty on select models, like the EZ series.** This warranty term is far and away from the company's previous 12-year standard.

Both Navien and Noritz stand by their respective warranties and honor many first-time replacements in a show of good faith. There's no runaround here, just a warranty that its issuer steadily backs.

So, you've got a great warranty, but what about parts? Are they difficult to get? Do I need to go through a contractor? The answer is a mixed bag.

Parts Availability

While Navien and Noritz sport solid warranty coverage, they don't handle getting ahold of parts similarly. One offers more convenient access, while the other can make it quite difficult for some homeowners.

Both companies allow homeowners to buy parts directly from their stock, but Navien draws a line past a certain point on who can purchase directly. **If your tankless water heater is out of warranty, you won't have direct access to Navien's parts stock. Instead, you'll need to get a contractor involved to buy from Navien directly.**

Granted, this won't be an issue for 15 years or so in most cases, but it is still something to think about if you fancy yourself to be a do-it-yourself type.

Rebates

If you live in California, you can net rebates and tax credits for purchasing a tankless water heater. **Going with either a Navien or Noritz will earn you about \$1,000 in SoCal Gas rebates on most models and up to a \$600 tax credit.**

These are the maximum rebates and credits available right now. Considering how close both brands have been thus far, their even-keel rebate and tax credit value bring them even closer together in terms of similarity.

Neck-and-Neck Tankless Water Heater Performance

We touched on all the ways Noritz and Navien are similar and different. Now, you've got a better idea of why these two brands are at the top of the industry and that you can't go wrong with either of them if your budget allows.

Noritz vs. Rheem: What's the Difference?

It's time to move on to another popular brand. This time around, we'll be taking a look at how Rheem stands up to Noritz. Unlike other brands in the space, Rheem is available at popular hardware stores like Home Depot.

But to understand each brand further, you'll once again need a broad overview of certain factors. In the comparison, we'll take a look at the following:

- [Technology](#)
- [Efficiency](#)
- [Price](#)
- [Warranty](#)
- [Parts Availability](#)
- [Rebates](#)

Check out how Noritz and Rheem stack up in terms of technology.

Technology

Just like the above brands, technology means something a little different than most consumer electronics. Once again, technology, in this instance, refers specifically to heat exchangers and the strides both companies have made.

Both Rheem and Noritz feature the latest and greatest heat exchanger technology in the form of stainless steel heat exchangers. Stainless steel heat exchangers

boast greater durability and reliability, making them the go-to choice for many of the leading tankless water heater manufacturers.

While Navien pioneered the first built-in recirculation pumps, which were previously added onto tankless water heaters during installation, other companies have adopted them since. **Both Rheem and Noritz have implemented the recirculation technology, giving homeowners both endless and instant hot water.**

Still, Noritz maintains its edge in the technology department. **The company's EZ series is designed to make switching from a tank-style water heater to a tankless water heater a relative breeze.** Thanks to some creative placement of the water inlet and outlet, the EZ series ensures that you won't have to run new water lines when making the switch, **saving you hundreds in the process.**

While Rheem also offers an easier way to switch from a tank-style to a tankless, the placement of the water lines isn't as convenient as Noritz's.

Now that you're filled in on the tech side of things let's take a look at efficiency.

Efficiency

Efficiency is key in the tankless water heater race. Top brands are expected to lead the way in terms of efficiency and saving homeowners on their monthly bills.

Both Rheem and Noritz boast high-efficiency models that are ideal for those looking for a more environmentally friendly option. **With Rheem, you can expect up to 96% efficiency.**

Noritz high-efficiency models also reach up to 96% efficiency. This puts both brands neck and neck, which is great for consumer choice.

All of that efficiency is great, but what about the cost?

Price

Price is where Rheem and Noritz diverge slightly. To keep it brief, you can expect to pay between **\$1,200-\$2,300 for a Noritz tankless water heater alone. With installation, you're looking at anywhere between \$4,700 and \$8,300,** depending on if your

installer offers premium installation services with multiple add-on components like water treatment.

Rheem's price range is much wider since the brand offers electric point-of-use options for fixtures like showers and bathtubs. You can expect Rheem tankless water heaters to run anywhere **from a couple of hundred dollars to \$2,500 for a Rheem.**

As expected, both brands offer warranty coverage to help protect your upfront investment.

Warranty

While Rheem and Noritz do enough similarly when it comes to warranty, one company outshines the other.

A blanket 15-year warranty on heat exchangers was the gold standard for years, thanks to Navien. But, Noritz trounces that mile mark by quite a lot. **Noritz provides a 25-year warranty on models like the EZ series.** This warranty term is far and away from the company's previous **12-year standard, which Rheem provides on some of its models.**

Rheem's maximum warranty on offer is a boilerplate 15-year term.

So, you know you're covered, but what about parts? How hard are they to get ahold of? Is a contractor required? The answer for both brands is fairly simple.

Parts Availability

Rheem and Noritz have somewhat solid warranty coverage and handle getting ahold of parts similarly. Both offer fairly convenient access to parts.

Noritz and Rheem allow homeowners to buy parts directly from their stock, even after the warranty term. **If your tankless water heater is out of warranty, you'll still have access to both companies' parts stock. Parts may be shipped to you or a licensed contractor.**

This process is different than some other brands in the space. Even an industry leader like Navien has a few more strings attached regarding their parts purchasing process.

As an aside, Rheem is one of the easiest brands of tankless water heaters to get a hold of since it is partnered with Home Depot. That being said, the installers that handle Rheem tankless water heaters when bought from Home Depot aren't always licensed or specialized, so this is something to take into account.

Rebates

If you live in Southern California, you can apply for rebates and tax credits after purchasing a tankless water heater. **Buying either a Rheem or Noritz could earn you about \$1,000 in SoCal Gas rebates on some models and up to a \$600 tax credit.**

Team Rheem or Team Noritz?

We filled you in on how Noritz and Rheem are alike and how they differ. Now that you've got a sense of why these brands are some of the most common names in the space, you can carry out your research while easily avoiding lesser brands.

Most Common Noritz Tankless Water Heater Error Codes

While it's probably clear by now that Noritz is a top brand in the tankless water heater industry that isn't to say these products are invulnerable. There are plenty of issues that can crop up over time with Noritz tankless water heaters. In Los Angeles County, there are specific error codes that are more common than in some areas, thanks to hard water and a few other factors.

We'll fill you in on the most common Noritz error codes and what to do when you encounter them. While most of the following error codes are preventable with yearly

maintenance, they're still good to keep an eye out for and understand in case of an emergency.

Error Code 51

Starting off with error code 51, this code signals gas manifold issues or outright failure. This error code can also trigger if there's water dripping onto the manifold. Error code 51 will likely result in gas pressure issues.

Next Steps

If you see this error code, you'll need to call a technician out to pinpoint the issue properly. There are typically two ways these types of error code calls go.

The first possibility is that you just have a gas pressure issue. In this case, your technician will check with Noritz to get the correct gas pressure and adjust your Noritz tankless water heater accordingly via the keypad or circuit board.

On the other hand, if water is found on the manifold itself, it will require more drastic measures. **If your technician finds water dripping on the manifold, they'll have to replace it.**

Error Code 11

This error code means your Noritz tankless water heater is experiencing ignition failure. There are multiple components that may play a role in this error code popping up. For instance, it could be a clog or blockage, a bad igniter or ignition rods, or the igniter box.

Next Steps

As it goes with many of these error codes, you'll need to call out a technician to properly diagnose the issue. There are a couple of options a technician has based on the root of the problem.

Sometimes, ignition rods can become corroded, preventing the unit from igniting and producing a flame to heat water. If this ends up being the case for your tankless water heater, then your technician may choose to sand down the ignition rods.

Typically, if your technician finds a clog or blockage in the exhaust, the issue is easily resolved by removing the debris. On the other hand, if the unit just isn't sparking, then they may need to replace the ignition box.

Error Code 12

Error code 12 is essentially the same as error code 11, meaning there's a weak flame or none at all. The issue could be any number of things, much like with error code 11. Basically, your tankless water heater is suffering from a lack of gas or airflow due to a component issue or exhaust blockage.

Next Steps

After calling out a technician, they'll diagnose the issue and walk you through the next steps. **These next steps may include much of what was outlined in error code 12.** So, your tankless water heater may be up and running in no time, or it might require a little more TLC than is ideal.

Error Code 90

While it may not be common in every region, error code 90 is one we run into frequently in Los Angeles County. This error code signals the need for [maintenance](#) and is broad in scope. If you see this error code, it could be that it received improper maintenance or is just overdue for regular maintenance.

Next Steps

This error code is a big sign that it's time to change the way you maintain your tankless water heater. Yearly maintenance gets away from everyone, but in areas with hard water, like Los Angeles County, proper maintenance can make or break your tankless water heater's lifespan.

The best course of action is to call a technician out for a maintenance call and get your tankless water heater back on track so it can keep up for years to come.

Error Code 16

If error code 16 builds up, it means your tankless water heater is experiencing an uptick in outlet water temperature. But this is only half of the diagnosis since this may indicate scale buildup.

Scale buildup tanks heat transfer, which means your tankless water heater will have to work that much harder to get your water up to temperature. Because of this issue, your tankless water heater will run hotter to combat the issue, resulting in error code 16.

Next Steps

Once a technician arrives at your home, they'll likely recommend a descale right away. Technicians perform descales using a vinegar collusion that cleans out excess buildup in the tankless water heater's system.

Additionally, your technician may recommend a water softener to prevent further issues in the future. Installing a water softener isn't the cheapest endeavor, but [proper water treatment](#) can save you a lot of hassle in the future and prolong the life of your tankless water heater significantly.

Up to Speed on Noritz Tankless Water Heater Error Codes

We've run through five of the most common Noritz error codes we've come across in Los Angeles County. Now, you know what you might run into as a Noritz tankless water heater owner and what to do when you encounter any of these errors, so you can be confident in picking up the phone and getting the help you need.

After over 15 years of working with tankless water heaters, we can confidently tell you that you'll likely run into an error code or two within your tankless water heater's lifespan. It's important to know what they mean, but equally as important is knowing who to call. It's always wise to call a professional when an error code pops up on your tankless water heater.

Closing Out Noritz Tankless Water Heaters

We've covered a lot of ground over the course of this guide. From pricing to brand comparisons, you now have a better idea of where Noritz stands within the tankless water heater industry. While every homeowner's needs are different, Noritz is often a top option and comes highly recommended by many independent contractors.

If you're ready to start a discussion about whether a Noritz tankless water heater is right for you, give us a call at 310-853-8690 or visit our [online scheduler](#).