



## 2022 Product Catalog

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# THERMALUX®

Tankless Water Heaters



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# A History of Excellence

Thermalux is no stranger to world-renowned Japanese engineering and manufacturing. Using the same principles as many of its counterparts, Thermalux prides itself on the careful craftsmanship. With roots dating back to post World War II, Thermalux grew from a lowly bath heating company to a dominant player in the marketplace.

Developed & Manufactured in Kobe, Japan since 1950.

Now proudly sold in the United States.







# The Tech Behind Tankless

Thermalux offers homeowners an endless list of features and benefits, making your upgrade to tankless the smart choice.



## 1. More Efficient

Heat your water only when you need it. Tankless heaters flash-heat water when you need it, and turn off as soon as you turn off the faucet. Tankless heaters are designed to save energy.



## 2. An Endless Supply of Hot Water

With a tankless water heater, you get to enjoy an endless stream of hot water; but that's not all. Once the demand for hot water no longer exists, the tankless water heater automatically shuts down and stops using energy.



## 3. Space Savings

Usually about the size of a carry-on luggage bag, tankless water heaters can help you reclaim your space compared to large tank-type heaters.



## 4. Cleaner Water

Tank-type heaters build rust and sediment inside the tank after years of use that you end up bathing in. Since tankless stores no water you get fresh, clean water every time.







# Eco Conscious Comfort

Thermalux is proud to contribute to the realization of a sustainable low-carbon society. Thermalux tankless on average help minimize up to 118,000 tons of CO2 emissions a year.



## **Reduced Carbon Emissions**

The US averaged 17 metric tons of CO2 emissions between 2011 and 2015. Having a Thermalux Tankless Water Heater in your home helps minimize these carbon emissions, helping to conserve our environment and protect our future.

## **Minimize Waste**

Tankless water heaters have double the lifespan of their storage tank counterparts. This not only brings homeowners savings, but also helps reduce unnecessary waste in landfills.

## **Energy Conservation**

Hot water on demand means no unnecessary energy use, unlike tank heaters which operate 24/7. Homeowners also see this reduced energy use reflected in their monthly energy bill.



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# Tankless and Tank Compared

While American households are more familiar to the standard storage tank, tankless technology has been a popular method of water heating across Europe and Asia for over 50 years. In addition to faster hot water, tankless water heaters also come with a variety of other features that make it preferable over a larger standard tank.





## THERMALUX



## Standard Tank Heaters



### Operation



Thermalux tankless water heaters run only when needed - flash heating water only when demand arises, saving hundreds in energy and limiting water waste.

Storage tank heaters operate continuously while constantly heating water stored inside at a designated temperature.

### Liability



Many errors in a Thermalux tankless can be resolved easily by troubleshooting.

A failure can lead to gallons of water being dumped in your home, causing irreparable damage if not detected.

### Lifespan



On average, a Thermalux tankless water heater can operate for 15 to 20 years if properly maintained annually.

The average lifespan of a standard tank is 6 - 10 years.

### Price

While a tankless costs more upfront, the savings over several years of operation cover this upcharge. In addition, local and federal rebates are available depending on where you live.

Upfront price is usually less due to dated heating technology, including less powerful burners that heat up water slower than a tankless.



# Thermalux Products

Explore the lineup of Thermalux products and discover which of our units is the right fit for your home application. All Thermalux units come with a 12 year warranty and are built for both indoor and outdoor installations.



Outdoor Tankless Water Heater

# NER660D

The NER66 outdoor series is perfect for apartments, condominiums and townhouses with 1-2 showers. When properly sized, these tankless units provide an endless supply of hot water and are designed to be more efficient than traditional tank-type water heaters. These compact heaters will save space without compromising power. Built-in features include safety lock-out, freeze protection, and high elevation adjustment.



## Features

- NER66 is equipped with a safety lock out and has a default maximum temperature of 120°F
- THERMALUX unit is for outdoor residential installations only
- NER66 features a resin coated PC board, which increases durability and protection from elements
- THERMALUX provides 12-year warranty on heat exchanger, 5-year warranty on service parts\
- Fully modulating burner automatically adjusts burner level accordingly
- Tankless water heater has an automatic air regulator that monitors internal temperature and maximizes burner efficiency
- Unit is made of durable stainless steel
- Compact size is ideal for homes with 1-2 showers
- NER66 features 83% thermal efficiency
- Features turbo flow - up to 6.6 GPM at 35° temperature rise

## Technical Specifications

Freeze Prevention Rating (Indoor Temp)	-4°F
Uniform Energy Factor	0.81
Power Supply	120 VAC (60 Hz)
Cold Water Connection Size (in)	3/4
Hot Water Connection Size (in)	3/4
Height (in)	20.5
Width (in)	13.8
Depth (in)	6.7
Weight (lbs)	35
Temp Range	100°F - 140°F



## Tankless Water Heater

# NERC11

This unit has a maximum capacity of 11.1 gallons per minute. The direct vent system allows 3 in. or 4 in. PVC or CPVC to be installed. This residential water heater heats water up to 140 degrees Fahrenheit and meets federal and state air quality standards which are below 20 PPM.

## Features

- 11.1 GPM tankless water heater provides enough hot water to run 3 to 4 hot water appliances simultaneously
- Tankless gas water heaters cost less to operate than electric models
- THERMALUX tankless units can significantly help reduce carbon dioxide emissions
- ENERGY STAR qualified tankless water heater is highly efficient and uses up to 40% less energy than storage water heater models
- THERMALUX is proud to feature a unit with 93% thermal efficiency
- Unit is equipped with a superior grade heat exchanger
- NERC11 features high-efficiency condensing technology
- THERMALUX provides 12-year warranty on the heat exchanger and 5-year warranty on parts
- Residential unit heats water up to 140°F and meets federal and state air quality standards which are below 20 PPM
- NERC11 allows for direct vent termination and vents with PVC, CPVC and PP

## Technical Specifications

<b>Freeze Prevention Rating (Indoor Temp)</b>	-30°F
<b>Uniform Energy Factor</b>	0.94
<b>Power Supply</b>	120 VAC (60 Hz)
<b>Cold Water</b>	3/4
<b>Connection Size (in)</b>	
<b>Height (in)</b>	24.2
<b>Width (in)</b>	18.3
<b>Depth (in)</b>	9.4
<b>Weight (lbs)</b>	74
<b>Temp Range</b>	100°F - 180°F





Tankless Water Heater

# NERC98

The NERC98 tankless water heater has a maximum of 9.8 gallons per minute. The direct vent system allows 3 or 4 in. PVC or CPVC to be installed.



## Features

- 9.8 GPM tankless water heater provides enough hot water to run 2 to 3 hot water appliances at 1-time
- Tankless gas water heaters are more cost efficient than their electric model counterparts
- THERMALUX tankless units can significantly help reduce carbon dioxide emissions
- ENERGY STAR qualified THERMALUX tankless water heaters are highly efficient and use up to 40% less energy than storage water heater models
- THERMALUX is proud to feature a unit with 93% thermal efficiency
- NERC98 features high-efficiency condensing technology
- Residential water heater heats water up to 140°F and meets federal and state air quality standards which are below 20 PPM
- Unit is equipped with a superior grade heat exchanger
- THERMALUX provides a 12-year warranty on the heat exchanger, 5-years on service parts
- Package contents include: remote controller, remote controller cord, anchoring screws, owner's guide, installation manual

## Technical Specifications

Freeze Prevention Rating (Indoor Temp)	-30°F
Uniform Energy Factor	0.94
Power Supply	120 VAC (60 Hz)
Cold Water Connection Size (in)	3/4
Hot Water Connection Size (in)	3/4
Height (in)	24.2
Width (in)	18.3
Depth (in)	9.4
Weight (lbs)	74
Temp Range	100°F - 180°F



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## THERMALUX®

Thermalux tankless water heating appliances prides itself in excellent Japanese craftsmanship and performance. Due to Japan's limited space as an island country tankless water heating was adapted since the 1950s to provide a more space conscious and effective means of water heating. We carry on this model while bringing our customers the elegance and comfort of endless hot water.