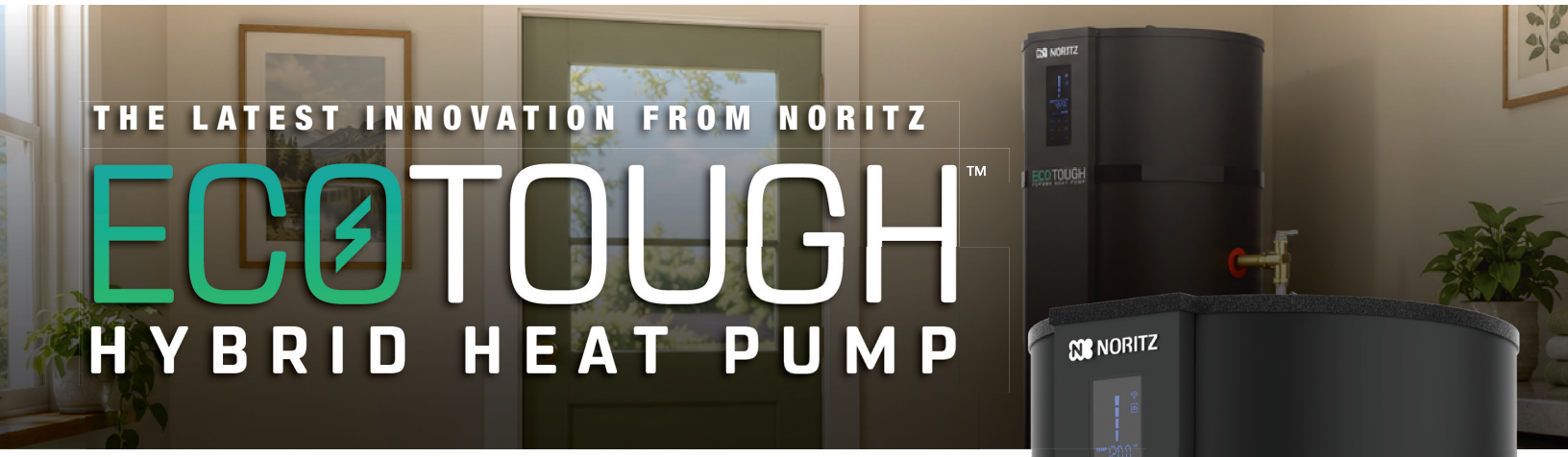
NORITZ®



THE LATEST INNOVATION FROM NORITZ

ECOTOUGH™
HYBRID HEAT PUMP



A SMARTER WAY TO HEAT YOUR WATER

Designed for delivering efficient, dependable hot water, our new EcoTough Hybrid Heat Pump brings heat pump technology to the Noritz residential lineup. This includes one of the highest UEF ratings in the industry, multiple operation modes, flexible installation options, and competitive pricing — making EcoTough the first choice for homeowners looking to replace a standard electric tank without giving up hot water performance.

FEATURES & BENEFITS

Ultra-High Efficiency

The EcoTough delivers one of the highest UEF ratings available in a residential heat pump water heater. It achieves this by pulling heat from the surrounding air instead of generating it, cutting water heating energy use well below a standard electric tank.

Microchannel Heat Exchanger for Increased Efficiency

Our microchannel design packs more surface area into the same footprint, moving heat into the tank faster and more completely. More transfer per cycle means higher efficiency and less run time.

Available in 50 and 80-Gallon Options

EcoTough comes in a 50-gallon and an 80-gallon option, so you can match the unit to household size and the space you have.

10 Year Tank + Parts Warranty

Every EcoTough is backed by 10 years on the tank and parts. It is the kind of coverage that turns a heat pump from an unfamiliar purchase into a confident one.

Quiet Operation

Rated at 48 dB, the EcoTough runs quietly enough for a finished basement, a utility closet, or anywhere else living space sits close by. No relocating the water heater to keep the noise down.

ENERGY STAR and NEEA AWHS 8.1 Compliant

Thanks to its ultra-high efficiency, the EcoTough is ENERGY STAR® certified and also meets Tier 3 (50 gal.) and Tier 4 (80 gal.) NEEA compliance. That is the specification most utility rebate programs write their requirements against, so homeowners stay eligible for available incentives.

ENERGY STAR

SCAN HERE TO LEARN MORE ABOUT OUR HYBRID HEAT PUMP

PRODUCT NUMBERS

NHP-50-240 (50 Gallon)
NHP-80-240 (80 Gallon)

Noritz America™ Corporation • 11160 Grace Ave., Fountain Valley, CA 92708 • Phone: (866) 766-7489 • www.noritz.com

WHAT'S INSIDE OUR ECOTOUGH HYBRID HEAT PUMP

Quiet Operation at 48 dB
Runs at 48 dB - comparable to sound generated by a refrigerator.

Easy to Clean Removable Filter

Hot Water Outlet

Magnesium Anode Rod
Protects from corrosion.

Water Tank
50 & 80 gallon available.

Microchannel Condensing Coil
Achieves maximum efficiency thanks to an increase in surface area.

Cold Water Inlet



Enhanced Touch Interface
Smart control of heat pump modes and improved status visibility.

Integrated Overheat Protection
Prevents excessive water temperatures.

Easy Maintenance
Quick disassembly for heater element servicing.

TAKE CONTROL OF YOUR ECOTOUGH

FEATURED MODES DESIGNED TO FIT YOUR HOME'S NEEDS

Get your water your way with our Noritz EcoTough Hybrid Heat Pump. Whether you're looking to minimize energy use or require a higher demand, the EcoTough has a variety of modes for any home's needs.

HYBRID MODE
Utilizes both the heat pump and heating element found in the unit, depending on usage.

ECO MODE
Maximizes energy efficiency and savings by only using the integrated heat pump to heat water.

INTELLIGENT MODE
Detects ambient temperature and selects either Hybrid or Eco mode accordingly.

HIGH DEMAND MODE
Designed for increased hot water capacities, our high demand mode uses both the heating element and heat pump to meet greater demands.

VACATION MODE
Our vacation mode allows for maximum energy savings by switching to sleep mode until it is turned back on by the homeowner.

TECHNICAL SPECIFICATIONS

		Model	
		NHP-50	NHP-80
Product Number		NHP-50-240	NHP-80-240
Uniform Energy Factor (UEF)		3.85	4.24
First Hour Rating (FHR)		68 gal	82 gal
Nominal Gallon Capacity		50 gal	80 gal
Rated Gallon Capacity		45 gal	71 gal
Minimum Electric Breaker Size (A)		30	
Rated Compressor Heating Capacity (kW)		1.4	
Rated Element Heating Capacity (kW)		4.5	
Dimensions	Height	61.4"	72.1"
	Diameter	22.1"	25.2"
	Weight	209 lbs.	255 lbs.

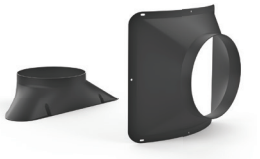
ADDITIONAL FEATURES AND ACCESSORIES



WI-FI COMPATIBLE

Control your EcoTough's settings and performance from anywhere with our optional Wi-fi Module.

(Accessory# **HPWH-WF-1**)



8" VENTING KIT

Optimize air flow with our venting kit accessory. It includes both intake and exhaust, maintaining proper air circulation in tight spaces.

(Accessory# **HPWH-DK-1**)