



# RESIDENTIAL PRODUCT CATALOG





Headquartered in Ashland City, Tennessee, American Water Heaters is one of the nation's largest manufacturers of water heaters. American is proud to offer a full line of residential and commercial, gas and electric water heaters to meet the needs of the plumbing professional.

American is committed to being a reliable partner by providing well-built products and superior customer service. American's dedication to research, development, and sound engineering principles contribute to the consistent performance of the water heating products. Similarly, customer service remains a top priority at American, offering customers unmatched product support.

For more information about our products, please visit us online at [americanwaterheater.com](http://americanwaterheater.com).

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# Features & Benefits

## Blue Diamond® Glass Coating



Provides superior corrosion resistance compared to industry-standard glasslining.

## Enhanced-Flow Brass Drain Valve



- Our residential water heaters have a solid brass, tamper resistant, enhanced-flow, ball type, drain valve.
- Uses a standard female hose fitting that allows for fast and easy draining during maintenance.
- Designed for easy operation, this valve includes an integral screwdriver slot that features a 1/4 turn (open/close) radius, which not only permits full straight-through water flow but also a quick and positive shut off.

## Self-Cleaning Dip Tubes



Helps reduce lime and sediment buildup and maximizes hot water output. Made from long-lasting PEX cross-linked polymer.

## T&P Relief Valve

CSA Certified and ASME Rated.



## Coregard™ Anode Rod



Our anode rods have a stainless steel core that extends the life of the anode rod allowing superior tank protection far longer than standard anode rods.

## Self-Powered Electronic Gas Valve



American gas water heaters are equipped with a self-powered electronic gas valve with intelligent control logic. The gas valve has an internal microprocessor that provides enhanced operating parameters and tighter differentials for precise sensing and faster heating response to optimize performance. The self-powered electronic gas valve uses a thermopile to generate the power needed to operate the electronic gas control without requiring an external power source. It also incorporates an LED Status Indicator that monitors system operation and service diagnostics.

## Heat Trap Nipples



Helps mitigate standby heat loss. Factory-installed for faster installation.

## ENERGY STAR®



American offers a variety of models that are ENERGY STAR® qualified. Learn more at [www.energystar.gov](http://www.energystar.gov).

## Green Choice® Burner



Patented eco-friendly burner design reduces NOx emissions up to 33% and complies with low NOx emissions of less than 40 ng/J.

Enhanced Ultra-Low NOx burner complies with SCAQMD Rule 1121 and other air quality management districts with requirements for NOx emissions of less than 10 ng/J.

## NAECA III Compliant



Complies with the Federal Energy Conservation Standards effective April 16, 2015, in accordance with the Energy Policy and Conservation Act (EPCA), as amended.

# Residential Water Heater Selection Guide

## TANK TYPE SIZING

To select the right American water heater for your home, you need to consider the size of your family and other factors that contribute to your First Hour Rating (FHR) Requirement. The charts below provides suggested American residential water heater selection guidelines for several family sizes.

FAMILY SIZE	FIRST HOUR RATING REUIREMENTS
2 PEOPLE	45-55 GALLONS
3 PEOPLE	55-65 GALLONS
4 PEOPLE	65-75 GALLONS
5 PEOPLE	75-85 GALLONS
6 PEOPLE	85-100 GALLONS
7 OR MORE PEOPLE	100 OR MORE GALLONS

**1. Determine whether your family is low demand or high demand. You should consider your family to be high demand if...**

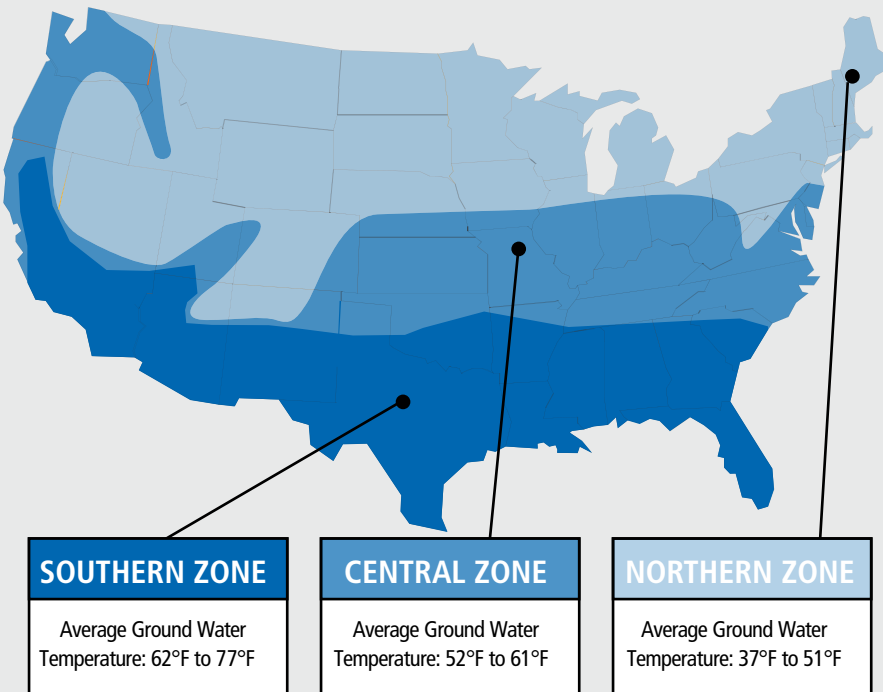
- There are more than two full baths in the home.
- There are (or will be) teenagers living in the home. It's a fact: teenagers use more hot water for showering and washing clothes.
- You have an oversize whirlpool bath or other large tub. As a rule of thumb, the water heater tank capacity should be 100% of the bathtub capacity (example: 75-gallon tub / 75-gallon water heater).

**2. Locate your family size and determine the first hour rating requirement for your family. If you decide your family is high demand, consider moving up to the next first hour rating level.**

**3. Consult the heater options on the following pages for an American residential water heater with a first hour rating that meets your requirements.**

## Tankless Sizing

### Average Ground Water Temperature



### TANKLESS MODELS GROUND WATER TEMPERATURE FACTOR

The temperature of incoming ground water (cold water inlet temperature) varies greatly throughout the U.S. and also fluctuates with the changing of the seasons. The temperature of water as it enters the water heater will determine the amount of "temperature rise" required to achieve the desired hot water outlet temperature (120°F is recommended).

The best way to measure your incoming ground water temperature is to use a thermometer to measure cold water temperature during the coldest season of the year. To simplify the process, use this map to determine whether your installation location is in the Southern Zone, Central Zone or Northern Zone.

### PEAK HOT WATER DEMAND

The next step is to determine how many gallons per minute of hot water will be required during the busiest usage period ("peak demand"). Consider all appliances and fixtures that use hot water, including lavatory faucets, kitchen faucets, washing machines, dishwashers, showers and bathtubs. Be sure to determine how many appliances and fixtures will be used at the same time ("peak demand").

Remember, these are general recommendations. Your American Heater Specialist can review your family's needs in even greater detail to make sure the model you choose will always provide enough hot water to meet the demand.

# GUIDING YOU THROUGH THE NAECA III TRANSITION



The U.S. Department of Energy (DOE) regulates minimum energy efficiency requirements for **all brands** of water heaters. A new update to the rules for increasing minimum energy efficiency **is in effect** as of April 16, 2015.

**AT AMERICAN, WE'VE PREPARED OUR LINE OF RESIDENTIAL WATER HEATERS TO MEET THE STANDARDS. BUT AS SOMEONE IN THE BUILDING COMMUNITY, YOU NEED TO UNDERSTAND HOW THESE CHANGES IMPACT YOU AS WELL.**

These design changes require that most residential water heaters under 55 gallons of capacity produced after April 16, 2015 be larger in size. Therefore, they will require more installation space in both single-family and multi-family housing. Most water heaters under 55 gallons are 2" larger in height and diameter. Units over 55 gallons will require even more significant technology changes.

## WATER HEATER REPLACEMENT ISSUES? WE HAVE SOLUTIONS.

GAS



**LESS THAN 55 GALLON**

**WILL THE NEW LARGER DESIGN FIT? IF NOT, YOU HAVE TWO OPTIONS.**

**OPTION 1:** Use a smaller heater to match the current footprint of your existing heater. You might consider adding a mixing valve on the water heater to increase delivery capacity..

**OPTION 2:** Upgrade to a smaller more efficient tankless unit.

**MORE THAN 55 GALLON**

**THE TECHNOLOGY FOR UNITS OVER 55 GALLONS HAS CHANGED.**

**OPTION 1:** Upgrade to one of American's High Efficiency options such as tankless or High Efficiency Gas.

**OPTION 2:** Replace your obsolete model with 2 smaller gas heaters.  
(Example: two 40-gallon gas units in the place of one 75-gallon gas unit).

ELECTRIC



**LESS THAN 55 GALLON**

**WILL THE NEW LARGER DESIGN FIT? IF NOT, SEE BELOW.**

**OPTION 1:** Use a smaller heater to match the current footprint of your existing heater. You might consider adding a mixing valve on the water heater to increase delivery capacity.

**MORE THAN 55 GALLON**

**THE TECHNOLOGY FOR UNITS OVER 55 GALLONS HAS CHANGED.**

**OPTION 1:** Upgrade to one of American's Hybrid Electric Heat Pump water heaters which is 2.5 times more efficient as a standard electric.

**OPTION 2:** Replace your obsolete model with 2 smaller electric heaters  
(Example: Two 40-gallon electrics in the place of one 80-gallon electric)

**TO LEARN MORE, VISIT [AMERICANWATERHEATER.COM/NAECA](http://AMERICANWATERHEATER.COM/NAECA)**



# WHY PROFESSIONALS CHOOSE AMERICAN WATER HEATERS



**CONTRACTOR  
REWARDS.COM**  
Your Business. Your Choices. Your Rewards.

## EARN POINTS BY PURCHASING AMERICAN WATER HEATERS

It's free and easy to participate. Enroll online at [contractorrewards.com](http://contractorrewards.com). Eligible products will have a yellow reward code label worth valuable points. Two ways to enter the codes:

1. **Download the smart phone app and scan the code.**
2. **Enter the code at [contractorrewards.com](http://contractorrewards.com). Redeem your points on thousands of reward items.**

**With over 1,000,000 merchandise items, your reward choices are endless.**

## AMERICAN PROVIDES 4 KEY THINGS TO HELP GROW YOUR BUSINESS AND BECOME MORE PROFITABLE.

### 1. Contractor Rewards™ Program

Our program rewards our loyal contractors for buying our products. Buy more and get rewarded with prizes.

### 2. Contractor Advertising Tools

Our Advertising Resource Center allows contractors to develop an easy, affordable and custom advertising campaign to promote their business. Go to [www.americanwaterheater.com/ads](http://www.americanwaterheater.com/ads).

### 3. Breadth of Product Line

Residential or commercial, we have the most complete line from standard models to the most innovative high efficiency water heaters available.

### 4. Product Sales Tools

We provide contractors access to the sales tools needed to close more sales.

**Visit [americanwaterheater.com/contractor](http://americanwaterheater.com/contractor) to learn more.**

# AMERICAN WATER HEATERS

PREMIUM FEATURES. NAECA III READY.



**FREEDOM BRONZE**  
—GOOD—



**FREEDOM SILVER**  
—BETTER—



**FREEDOM GOLD**  
—BEST—

**OPERATING COST**

\$\$\$

\$\$

\$

**INSTALLATION SPACE REQUIRED** ■ ■

■ to ■ ■

■ to ■ ■ ■ ■

**HOT WATER OUTPUT**



**PREMIUM FEATURES:**

Blue Diamond® Glass Coating**	●	●	●
DynaClean™ Automatic Sediment-Cleaning System**	●	●	●
Self-Powered Electronic Gas Valve*	●	●	●
Heat Trap Nipples**	●	●	●
Enhanced Flow Brass Drain Valve**	●	●	●
CoreGard™ Advanced Anode Rod Protection**	●	●	●
Energy Saving	Meets NAECA minimums	●	●
Electronic User Interface		◐	●
Condensing Combustion*		◐	●
Continuous Flow*		◐	●
Cutting Edge Technology			●
Industry Leading Efficiency			●

\*These features apply to gas products only    ◐ Applies to some products only  
\*\*These features apply to tank-type products only

Hot Water Output, Cost of Operation, & Installation Space Required estimated based on typical applications/installations. For a more custom analysis of unique installations, visit [www.americanwaterheater.com](http://www.americanwaterheater.com) and use our product selector tool.



[www.americanwaterheater.com](http://www.americanwaterheater.com)



## Polaris® High-Efficiency



### Sealed Combustion with Woven Fiber Premix Burner

- Metal fiber burner is designed for clean combustion in high-intensity blue flame mode. Manufactured of refractory steel that resists corrosion. Excellent resistance to thermal and mechanical shock, even at extreme temperatures. Uniform combustion provides excellent heat transfer. Meets Low NOx requirements for Texas and California.

### Whisper Quiet Operation

- Ultra quiet blower and burner which minimizes noise.
- Requires 120 volt 60Hz power supply.
- Draws less than 5 Amps.

### Power/Direct Vent Using 2" or 3" Plastic Pipe

- Direct vents up to 120' using PVC, CPVC or ABS pipe either thru-the-wall or thru-the-roof.
- Optional concentric vent kit available for use Thru-the-Roof or Wall.

### "Plug and Play" Technology

- No special adjustments are required at initial start up.
- Connect air inlet, exhaust outlet, water, electricity and gas, set the temperature and the system functions properly.

Model Number	Gallon Capacity	BTU/h Input Gallon Per Hour	Thermal Efficiency	Recovery at 90°F Rise Gallon Per Hour	Dimensions in Inches							Approx. Shipping Weight (lbs)
					Height to Top of Heater	Diameter	Gas Inlet	Gas Outlet	T&P	Vent Connection	Gas Supply*	
PG10 34-100-2NV	34	100,000	96%	129	48-1/2	22	15-3/4	40-1/2	41	2 OR 3	6-1/8	150
PG10 34-130-2NV	34	130,000	96%	168	48-1/2	22	15-3/4	40-1/2	41	2 OR 3	6-1/8	150
PG10 34-150-2NV	34	150,000	95%	192	48-1/2	22	15-3/4	40-1/2	41	2 OR 3	6-1/8	150
PG10 50-130-2NV	50	130,000	95%	166	62-1/2	22	15-3/4	54-1/2	55	2 OR 3	6-1/8	176
PG10 50-150-2NV	50	150,000	95%	192	62-1/2	22	15-3/4	54-1/2	55	2 OR 3	6-1/8	176
PG10 50-175-3NV	50	175,000	96%	226	63-3/4	22	15-3/4	55-3/4	56-1/4	3	6-1/8	180
PG10 50-199-3NV	50	199,000	96%	257	63-3/4	22	15-3/4	55-3/4	56-1/4	3	6-1/8	180

For propane (LP) gas change "N" suffix to "P" suffix in the model number.  
The warranty is void for Residential Polaris® models installed in commercial applications.



**FREEDOM SILVER**  
— BETTER —



## Nautilus™ Power Vent

### Power Vent Design for Installation Versatility

- Modular blower, with 120 volt, 60Hz electrical system (5 amps or less), 6-foot cord with standard 3-prong connector.
- Combined horizontal and vertical vent runs terminating through an outside wall, using Schedule 40 PVC pipe as follows:
  - 2" pipe allows vent runs up to 45 equivalent feet.
  - 3" pipe allows vent runs up to 65 equivalent feet.
  - 4" pipe allows vent runs up to 128 equivalent feet.

### Side-Mounted Taps for Recirculating Systems

- Hot and cold "side taps" allows the Nautilus Power Vent to be used for "combination" systems for water heating plus space heating, radiant floor heating or other applications requiring a recirculating hot water loop.

### Intelli-vent™ Gas Control with Silicon Nitride Hot Surface Ignitor

- Premium-grade hot surface ignitor eliminates standing pilot.
- Electronic circuitry provides superior system diagnostics capabilities plus extremely precise temperature controls.

### Blue Diamond® Glass Coating with Two Heavy Duty Anode Rods

- Provides superior corrosion resistance compared to industry-standard glasslining.

### Green Choice® Gas Burner

- Patented eco-friendly burner design reduces NOx emissions by up to 33% and complies with Low-NOx emission requirements of less than 40 ng/J.

### Self-Cleaning Dip Tube

### CSA Certified and ASME Rated T&P Relief Valve

### Maximum Hydrostatic Working Pressure: 150 PSI

### Code Compliance

- Meets UBC, CEC and ICC National Codes.
- Meets the thermal efficiency and standby loss requirements of the U.S. Department of Energy and current edition of ASHRAE/IESNA 90.1.

### 6-Year Limited Tank and Parts Warranty

- For complete information, consult written warranty or [americanwaterheater.com](http://americanwaterheater.com).

\*\*Intelli-Vent™ is a registered trademark of Emerson Electric Company



Model Number	Gallon Capacity	Recovery @ 90°F Rise Gallon Per Hour	BTU Input Per Hour	First Hour Delivery Gallons	Dimensions in Inches			Approx. Shipping Weight (lbs)
					Height to Top of Heater	Height to Top of Blower Outlet	Diameter	
VG6250T76NV	50	92	76,000	127	70-5/8	71	21	210

Available in natural gas only.  
Standard model certified for sea level to 5,300 ft. elevation.  
Optional Condensate Neutralizer Kit available (part number 9007059005).

**FREEDOM GOLD**  
— BEST —



## Nautilus™ Power Direct Vent

### Helical Internal Heat Exchanger

- Spiral heat exchanger keeps hot combustion gases in the tank longer to lengthen the heat transfer cycle.
- Operates at 96% thermal efficiency which saves money on operating costs compared to standard 80% efficient gas water heater.

### Power Direct Vent Design

- Combined vertical and horizontal runs terminating through an outside wall. Vents using PVC, CPVC or ABS pipe.
  - 2" pipe, vents up to 45 equivalent feet.
  - 3" pipe, vents up to 128 equivalent feet.

### Condensing Design

- 96% efficient condensing design.
- Equipped with condensate design.

### Side-Mounted Hot and Cold Recirculating Taps

- Allows the Nautilus to be installed as part of a combination space heating/water heating application.

### Advanced Electronic Control

- Large LCD Display.
- Precise temperature control.
- Advanced diagnostics.
- iCOMM™ Compatible and can be monitored from remote locations.
- Call 1.888.WATER02 for more information.

### Code Compliance

- Complies with SCAQMD Rule 1146.2 and other air quality management districts with similar requirements for Ultra-Low NOx emissions requirements of 14 ng/J or 20 ppm.
- Meets UBC, CEC and ICC National Codes.
- Meets the thermal efficiency and standby loss requirements of the U.S. Department of Energy and current edition of ASHRAE/IESNA 90.1.

### 6-Year Limited Tank and Parts Warranty

- For complete information, consult written warranty or go to [americanwaterheater.com](http://americanwaterheater.com).



Model Number	Gallon Capacity	Recovery @ 90°F Rise Gallon Per Hour	BTU Input Per Hour	Vent Size	Dimensions in Inches			Approx. Shipping Weight (lbs)
					Height to Top of Heater	Height to T&P	Diameter	
VG6250T100NV	50	129	100,000	2 OR 3	66-3/4	49-1/4	22	255
VG6275T100NV	75	129	100,000	2 OR 3	65-1/4	45-5/8	27-3/4	382

Available in propane (LP) gas. Specify when ordering propane (LP) gas.  
Models certified for sea level to 10,100 ft. elevation.  
Optional Condensate Neutralizer Kit available (part number 9007959005).

**FREEDOM SILVER**  
— BETTER —



## Powerflex® Power Vent

### Versatile Power Vent Design

- All models feature an exclusive 3-position rotatable blower outlet which adds flexibility.
- Combined horizontal and vertical runs up to 180 equivalent feet with 4" diameter venting (ABS, PVC, CPVC and polypropylene).
- All models are equipped with a protected sensor that detects the presence of flammable vapors and automatically disables the burner to prevent ignition.
- Air intake snorkel elevates the inlet location of combustion air to prevent flammable vapors from entering the sealed combustion chamber.

### ENERGY STAR® Qualified

- All models (except PVG62-75T76-NVS) meet the ENERGY STAR(R) EF requirement and may also qualify for local utility and rebate programs.
- Built-in heat traps on the water inlet and outlet reduce the amount of heat lost through piping.
- 2-inch, thick, "Environmentally-Friendly" foam insulation reduces the amount of heat loss and contributes to overall energy efficiency

### Hot Surface Ignitor

- More robust and reliable than standing pilot, and reduces energy consumption.

### User-Friendly

- State-of-the-art electronic gas control provides more precise temperature control.
- LED control light displays operation status and diagnostics information.

### Enhanced-Flow Brass Drain Valve

### Available in Natural Gas and Propane

### Design-Listed by CSA International

- Certified at 300 PSI test pressure and 150 PSI working pressure.
- Listed according to ANSI Z21. 10.3-CSA 4.3 standards governing storage tank-type water heaters. Complies with the Federal Energy Conservation Standards effective April 16, 2015, in accordance with the Energy Policy and Conservation Act (EPCA) as amended.

### 6-Year Limited Tank and Parts Warranty

- For complete information, consult written warranty or go to [americanwaterheater.com](http://americanwaterheater.com).



Model Number	Gallon Capacity	Energy Factor (EF)	Recovery @ 90°F Rise Gallon Per Hour	BTU Input Gallon Per Hour	First Hour Rating	Dimensions in Inches			Approx. Shipping Weight (lbs)
						Height to Top of Blower	Height to Top of Tank	Diameter	
PVG62-40S40-NVS	40	0.70	44.7	40,000	73	59	49-5/8	22	174
PVG62-40T50-NVS	40	0.70	55.9	50,000	90	68-1/2	59-1/4	20	176
PVG62-50S40-NVS	50	0.70	44.7	40,000	90	60-1/8	50-3/4	24	198
PVG62-50T50-NVS	50	0.70	55.9	50,000	96	68-1/8	58-3/4	22	192
PVG62-50S62-NVS	50	0.70	69.3	62,000	110	61-1/8	52	24	212
†PVG62-75T76-NVS	75	N/A	80.4	76,000	N/A	70-5/8	61-1/4	26	277

Available in propane (LP) gas. Specify when ordering propane (LP) gas.  
Side connections are standard on PVG62-50S62-NVS and PVG62-75T75-NVS.  
All models certified from sea level to 10,100 ft. elevation.  
+PVG62-75T76-NVS is not ENERGY STAR® Qualified.

**FREEDOM SILVER**  
— BETTER —



## Powerflex® Power Direct Vent

### Power Direct Vent Design

- Combined horizontal and vertical runs up to 180 equivalent feet with 4' diameter venting (ABS, PVC, CPVC and polypropylene).
- Two-pipe sealed combustion system uses outside air, eliminating problems caused by insufficient indoor ventilation.
- Reduced NOx emissions comply with air quality management district regulation.

### ENERGY STAR® Qualified

- All models (except PVG62-75T76-NVS) meet the ENERGY STAR(R) EF requirement and may also qualify for local utility and rebate programs.
- Built-in heat traps on the water inlet and outlet reduce the amount of heat lost through piping. 2-inch, thick, "Environmentally-Friendly" foam insulation reduces the amount of heat loss and contributes to overall energy efficiency

### Hot Surface Ignitor

- More robust and reliable than standing pilot, and reduces energy consumption.

### Self-Cleaning Dip Tube

### User-Friendly

- State-of-the-art electronic gas control provides more precise temperature control.
- LED control light displays operation status and diagnostics information.

### Enhanced-Flow Brass Drain Valve

### CSA Certified and ASME Rated T&P Relief Valve

### Design-Listed by CSA International

- Certified at 300 PSI test pressure and 150 PSI working pressure.
- Listed according to ANSI Z21. 10.3-CSA 4.3 standards governing storage tank-type water heaters. Complies with the Federal Energy Conservation Standards effective April 16, 2015, in accordance with the Energy Policy and Conservation Act (EPCA) as amended.

### Available in Natural Gas and Propane

### 6-Year Limited Tank and Parts Warranty

- For complete information, consult written warranty or go to [americanwaterheater.com](http://americanwaterheater.com).

Model Number	Gallon Capacity	NG Input Per Hour Propane	Energy Factor	First Hour Rating Gallon	Recovery @ 90°F Rise Gallon Per Hour	Dimensions in Inches			Approx. Shipping Weight (lbs)
						Height to Top of Blower	Height to Top of Tank	Diameter	
PDVG62-40S40-NV	40	40,000	0.71	71	45.2	58-1/4	49-1/2	22	174
PDVG62-50T45-NV	50	45,000	0.70	93	50.3	67-1/2	58-3/4	22	192
PDVG62-50T62-NV	50	62,000**	0.71	115	72.6	69	60-1/4	22	200
PDVG62-75T76-NV†	75	76,000	N/A	N/A	82.4	70-5/8	60-1/2	26	277

\*\*Propane model has input of 58,000 BTU/hr.  
Available in propane (LP) gas. Specify when ordering propane (LP) gas.  
Side connections standard on 50T62 and 75T76 models.  
Side connections available on 40S40 and 50T45 models.  
† PDVG62-75T76-NV is not ENERGY STAR® Qualified.  
All models are certified from sea level to 10,100 ft. elevation.

**FREEDOM BRONZE**  
— GOOD —



## Direct Vent



### Direct Vent Design

- One-pipe, dual-channel closed system draws all make-up air from outside the home, eliminating problems caused by insufficient indoor ventilation and is FVIR compliant.
- Horizontal air intake and venting on all models up to 80 inches from outside wall with no electrical power needed.

### Intelligent Control Logic

### Green Choice® Gas Burner

- Patented eco-friendly burner design reduces NOx emissions up to 33% and complies with low NOx emissions of less than 40 ng/J.

### Self Cleaning Dip Tip

### Coregard™ Andode Rod

### Push Button Piezo Ignitor

### Heat Trap Nipples

### Code Compliance

- Meets UBC, CEC and HUD National Codes.
- Meets the thermal efficiency and standby loss requirements of the U.S. Department of Energy and current edition of ASHRAE/IESNA 90.1
- Complies with the Federal Energy Conservation Standards effective April 16, 2015, in accordance with the Energy Policy and Conservation Act (EPCA), as amended.

### Design-Certified by CSA International

- Certified at 300 PSI test pressure and 150 PSI working pressure.
- Listed according to ANSI Z21.10.1-CSA 4.1 standards governing storage tank-type gas water heaters.

### 6-Year Limited Tank and Parts Warranty

- For complete information, consult written warranty or go to [americanwaterheater.com](http://americanwaterheater.com).



Model Number	Gallon Capacity	First Hour Rating Gallon	Energy Factor	Input BTU Per Hour	Recovery 90°F Rise Gallon Per Hour	Dimensions in Inches				Approx. Shipping Weight (lbs)
						Height to Top of Draft Hood	Height to Top of Tank	Diameter	Vent Outlet	
DVG62-40S38-NOV	40	72	0.63	38,000	41	64	49-3/4	22	CO-AXIAL	178
DVG62-50T40-NOV	50	91	0.62	40,000	43	73	59	22	CO-AXIAL	200
DVG62-50T47-NOV	50	92	0.61	47,000	51	74	60	22	CO-AXIAL	215

\*Allow 29-1/2" for front to back dimension for air intake at rear of heater. No option for Top T&P.

All models certified from sea level to 7,700 ft. elevation.

All models are available with side loop sittings. Add "L" to suffix of model (Example: 40S38-NOLV).

Dual-channel system has 3" vent pipe inside 6" air intake pipe, for the 40 and 50-gallon models.

All models have 2" foam cavity.

Water connection is 3/4" male on all models.

**FREEDOM SILVER**  
— BETTER —



## High Efficiency

### Pressurized Combustion System

#### Installation Friendly

- Allows for easy replacement of standard atmospheric vent heaters.
- Easily connects to existing B-vent

#### Fan-Assisted, Category 1 Appliance

- Plugs into standard 110/120V outlet (10 foot power cord included)

#### 24V Electronic Control

#### LCD User Interface

- Easy-to-read, eye level display
- Simple temperature settings and adjustments
- Service diagnostics are in plain text

#### Powered Anode Rod

#### Enhanced-Flow Brass Drain Valve

#### Self-Cleaning Diffuser Dip Tube

#### Green Choice® Gas Burner

- Patented eco-friendly gas burner design reduces NOx emissions by up to 33% and complies with Low-NOx emission requirements of less than 40 ng/J

#### Code Compliance

- Meets UBC, CEC and HUD National Codes
- Meets the thermal efficiency and standby loss requirements of the U.S. Department of Energy and current edition of ASHRAE/IESNA 90.1
- Complies with the Federal Energy Conservation Standards effective April 16, 2015, in accordance with the Energy Policy and Conservation Act (EPCA) as amended

#### Design-Certified by CSA International

- Certified at 300 PSI test pressure and 150 PSI working pressure.
- Listed according to ANSI Z21.10.1-CSA 4.1 standards governing storage tank-type gas water heaters.

#### 6-Year Limited Tank and Parts Warranty

- For complete information, consult written warranty or go to [americanwaterheater.com](http://americanwaterheater.com)



Model Number	Gallon Capacity	First Hour Rating Gallons	Energy Factor (EF)	BTU Input Gallon Per Hour	Recovery @ 90°F Rise Gallon Per Hour	Dimensions in Inches					Approx. Shipping Weight (lbs)
						Foam Thickness	Height to Top of Draft Hood	Height to Top of Tank	Diameter	Draft Hood	
PCG6240T403NOV	40	70	0.70	40,000	43	2	61-3/4	58	20	3 OR 4	157
PCG6250T403NOV	50	81	0.70	40,000	43	2	60-5/8	57-1/8	22	3 OR 4	171

Available in natural gas only.  
Water connection is 3/4" on all models.  
All models are certified from sea level to 10,100 ft. elevation.  
Requires 120 VAC power supply.

**FREEDOM SILVER**

**— BETTER —**



## High Efficiency Flue Damper

### Automatic Flue Damper

- Increases efficiency as it automatically opens and closes to reduce heat loss in the standby mode.

### Electronic Gas Control

### Diagnostics

### Electronic Ignition

### Self-Cleaning Diffuser Dip Tube

### Green Choice® Gas Burner

- Patented eco-friendly gas burner design reduces NOx emissions by up to 33% and complies with Low-NOx emission requirements of less than 40 ng/J.

### Coregard™ Anode Rod

### Enhanced-Flow Brass Drain Valve

### Blue Diamond® Glass Coating

### CSA Certified and ASME Rated T&P Relief Valve

### Code Compliance

- Meets UBC, CEC and HUD National Codes.
- Meets the thermal efficiency and standby loss requirements of the U.S. Department of Energy and current edition of ASHRAE/IESNA 90.1
- Complies with the Federal Energy Conservation Standards effective April 16, 2015, in accordance with the Energy Policy and Conservation Act (EPCA) as amended.

### Design-Certified by CSA International

- Certified at 300 PSI test pressure and 150 PSI working pressure.
- Listed according to ANSI Z21. 10.1- CSA 4.1 standards governing storage tank-type water heaters.

### 6-Year Limited Tank and Parts Warranty

- For complete information, consult written warranty or go to [americanwaterheater.com](http://americanwaterheater.com).



Model Number	Gallon Capacity	First Hour Rating Gallons	Energy Factor (EF)	Recovery @ 90°F Rise Gallon Per Hour	BTU Input Gallon Per Hour Natural*	Dimensions in Inches					Approx. Shipping Weight (lbs)
						Foam Thickness	Height to Top of Draft Hood	Height to Top of Tank	Diameter	Draft Hood Outlet	
<b>Tall Models</b>											
FDG62 40T40 3NOV	40	67	0.67	42	40,000	2	64-1/4	58-1/4	20	3 OR 4	152
FDG62 50T40 3NOV	50	81	0.67	42	40,000	2	63-1/2	57-1/4	22	3 OR 4	167
<b>Short Models</b>											
FDG62 40S40 3NOV	40	67	0.67	42	40,000	2	54	47-3/4	22	3 OR 4	149
*FDG62 50S40 3NOV	50	88	0.67	42	40,000	2	55-3/4	49-1/2	24	3 OR 4	175

Requires 120 VAC power supply.

Water connection is 3/4" on all models.

When ordering top-mounted T&P, change suffix to NO (example: FDG62-50S40-3NO).

\*FDG62-50-40-3NOV available in natural gas only.

All models are certified to 10,100 ft. elevation.

Available in propane (LP) gas. Specify when ordering propane (LP) gas.

**FREEDOM BRONZE**  
—GOOD—



## Atmospheric Vent

### Intelligent Control Logic

- \*Not available on 60,000 BTU input models (G62-50T60 and G62-55T60).

### Green Choice® Gas Burner

### Self-Cleaning Dip Tube

- Reduces lime and sediment buildup and maximizes hot water output. Made from long-lasting PEX cross-linked polymer.

### Coregard™ Anode Rod

### Push-Button Peizo Ignitor

- Makes lighting the pilot fast and easy with one-hand push-button spark ignition.

### Heat Trap Nipples

### Blue Diamond® Glass Coating

### Enhanced-Flow Brass Drain Valve

### Code Compliance

- Meets UBC, CEC and HUD National Codes.
- Meets the thermal efficiency and standby loss requirements of the U. S. Department of Energy and current edition of ASHRAE/IESNA 90.1.
- Complies with the Federal Energy Conservation Standards effective April 16, 2015, in accordance with the Energy Policy and Conservation Act (EPCA), as amended.

### 6-Year Limited Tank And Parts Warranty

- For complete information, consult written warranty or go to [americanwaterheater.com](http://americanwaterheater.com).

Model Number	Gallon Capacity	First Hour Rating Gallon	Energy Factor	BTU Input Natural Gas	BTU Input Propane Gas	Recovery 90° Rise Gallon Per Hour	Dimensions in Inches				Approx. Shipping Weight (lbs)	
							Height to Top of Draft Hood	Height to Top of Tank	Diameter	Draft Hood		
<b>Tall Models</b>												
†GB61-30T35	30	64	0.63	35,500	32,000	36	61-3/4	58	16	3 TO 4	132	
G62-30T30	30	55	0.63	30,000	29,000	31	60	56-1/2	17-3/4	3 OR 4	108	
G62-40T34	40	56	0.62	34,000	33,000	35	61	57-1/2	19-3/4	3 OR 4	125	
†GB61-40T40	40	70	0.62	40,000	36,000	41	62	58-1/4	18	3 OR 4	158	
G62-40T40	40	70	0.62	40,000	36,000	41	62	58-1/2	19-3/4	3 OR 4	132	
G61-50T40	50	82	0.61	40,000	36,000	41	61	57-1/2	21	3 OR 4	161	
G62-50T40	50	82	0.62	40,000	36,000	51	61	57-1/2	22	3 OR 4	161	
G62-50T50*	50	92	0.60	50,000	45,000	58	60-3/4	59-1/4	22	4	165	
†G62-50T60*	50	98	0.60	60,000	54,000	61	65-1/2	61	22	4	190	
<b>Short Models</b>												
†GB61-30S35	30	56	0.63	35,500	32,000	36	50	46-1/4	18	3 OR 4	110	
G62-30S30	30	50	0.63	30,000	29,000	31	49-1/4	45-3/4	19-3/4	3 OR 4	116	
†GB61-40S40	40	67	0.62	40,000	36,000	41	51-1/2	49-3/4	22	3 OR 4	134	
G62-40S40	40	67	0.62	40,000	36,000	41	52-1/2	49	22	3 OR 4	146	
G62-50S40	50	93	0.60	40,000	40,000	41	53	49-1/4	24	3 OR 4	177	

Water connection is 3/4" on all models. All models available in propane (LP) gas.

†Models ship with supplied insulation blanket.

For 10-year tank & 6-year parts limited warranty, change "6" to "10" in the model number. Example: G102-40T40.

\*Optional side-mounted recirculating taps.

All models approved for installation from sea level to 10,100 ft. elevation.





## High Recovery Atmospheric Vent 75 & 100 Gallon



### Highest Recoveries

- Capacity/input combinations up to 98 gallons/75,000 BTU's to produce recoveries of up to 81 gallons per hour.

### Fully Automatic Controls with Safety Shutoff

- Accurate, dependable control system requires no electrical connections.
- Fixed automatic gas shutoff device for added safety.

### Green Choice® Gas Burner

- Patented eco-friendly gas burner design reduces NOx emissions by up to 33% and complies with Low-NOx emission requirements of less than 40 ng/J.

### Self-Cleaning Diffuser Dip Tube

### Coregard™ Anode Rod

### Push-Button Piezo Ignitor

### Blue Diamond® Glass Coating

### Enhanced-Flow Brass Drain Valve

### Code Compliance

- Meets UBC, CEC and ICC National Codes.
- Meets the thermal efficiency and standby loss requirements of the U.S. Department of Energy and current edition of ASHRAE/IESNA 90.1.

### Design-Certified by CSA International

- Certified at 300 PSI test pressure and 150 PSI working pressure.
- Listed according to ANSI Z21.10.1-CSA 4.1 standards governing storage tank-type gas water heaters.

### CSA Certified and ASME Rated T&P Relief Valve

### Maximum Hydrostatic Working Pressure 150 PSI

### 6-Year Limited Tank and Parts Warranty

- For complete information, consult written warranty or go to [americanwaterheater.com](http://americanwaterheater.com).



Model Number	Gallon Capacity	BTU Input Natural Gas	Recovery @ 90°F Rise Gallon Per Hour	Dimensions in Inches				Approx. Shipping Weight (lbs)
				Height to Top of Draft Hood	Height to Top of Tank	Diameter	Draft Hood	
G62-75T75-4NOV	74	75,100	81	61	57	26-1/2	4	275
G62-100T77-4NOV	98	75,100	81	68-1/2	62	27-3/4	4	350

Water connection is 1" male NPT on the G62-100T77-4NOV and 1-1/4" on the G62-75T75-4NOV.  
 For 10-year tank & 6-year parts limited warranty, change "6" to "10" in the model number (example: G102-75T75-4NOV).  
 All models certified from sea level to 7,700 ft. elevation.  
 All models available in propane (LP) gas. Specify when ordering.



## Mobile Home Atmospheric Vent



### Complies with HUD Standards for Manufactured Housing Installation

### Gas Control Convertible for Natural and Propane Gas

- For flexibility to meet the varying needs of manufactured housing installations.

### Green Choice® Gas Burner

- Patented eco-friendly burner design reduces NOx emissions by up to 33% and complies with Low-NOx emission requirements of less than 40 ng/J.

### Coregard™ Anode Rod

- Our anode rods have a stainless steel core that extends the life of the anode rod allowing superior tank protection far longer than standard anode rods.

### Blue® Glass Coating

- Provides superior corrosion resistance compared to industry standard glass lining.

### Enhanced-Flow Brass Drain Valve

### Code Compliance

- Meets UBC, CEC and HUD National Codes.
- Meets the thermal efficiency and standby loss requirements of the U. S. Department of Energy and current edition of ASHRAE/IESNA 90.1.
- Complies with the Federal Energy Conservation Standards effective April 16, 2015, in accordance with the Energy Policy and Conservation Act (EPCA), as amended.

### Design-Certified by CSA International

- Certified at 300 PSI test pressure and 150 PSI working pressure.
- Listed according to ANSI Z21.10.1-CSA 4.1 standards governing storage tank-type gas water heaters.

### CSA Certified and ASME Rated T&P Relief Valve

### Maximum Hydrostatic Working Pressure 150 PSI

### 6-Year Limited Tank and 2-Year Limited Parts Warranty

- For complete information, consult written warranty or go to [americanwaterheater.com](http://americanwaterheater.com).



Model Number	Gallon Capacity	First Hour Rating Gallon	Energy Factor	BTU Input Per Hour Natural Gas	BTU Input Per Hour Propane Gas	Recovery @ 90°F Rise Gallon Per Hour	Dimensions in Inches					Approx. Shipping Weight (lbs)
							Insulation	Height to Top of Draft Hood	Height to Top of Tank	Diameter	Draft Hood Outlet	
MHG62-30T30	30	55	0.63	35,500	32,000	36	2	61-1/2	58	18	3 OR 4	129
MHG62-40T40	40	62	0.62	35,500	32,000	36	2	61-3/4	58-1/4	20	3 OR 4	153

All models ship from the factory for use with natural gas, a complete propane burner is supplied for converting to propane gas. All models are certified from sea level to 10,100 ft. elevation. No option available for top T&P.

**FREEDOM BRONZE**  
— GOOD —



## Mobile Home Direct Vent

### Complies With HUD Standards for Manufactured Housing Installation

### Gas Control Convertible for Natural and Propane Gas

- For flexibility to meet the varying needs of manufactured housing installations.

### Direct Vent Models Package with Bottom Intake Air Vent

- To draw all combustion make-up air from outside the structure.

### Optional Ducted Air Inlet Kit for Direct Vent Models

- For use when water heater is installed over a basement.
- Provision for horizontal air inlet ducting. See instruction manual for approved venting distance by model.

### Side-Mounted 3/4" Cold Water Inlet

### Green Choice® Gas Burner

- Patented eco-friendly burner design reduces NOx emissions up to 33% and complies with low NOx emissions of less than 40 ng/J.

### Blue Diamond® Glass Coating

### Self-Cleaning Dip Tube

### Coregard™ Anode Rod

### Enhanced-Flow Brass Drain Valve

### Code Compliance

- Meets UBC, CEC and HUD National Codes.
- Meets the thermal efficiency and standby loss requirements of the U. S Department of Energy and current edition of ASHRAE/IESNA 90.1.
- Complies with the Federal Energy Conservation Standards effective April 16, 2015, in accordance with the Energy Policy and Conservation Act (EPCA), as amended.

### Design-Certified by CSA International

- Certified at 300 PSI test pressure and 150 PSI working pressure.
- Listed according to ANSI Z21.10-1 CSA 4.1 standards governing storage tank-type gas water heaters.

### 6-Year Limited Tank and 2-Year Parts Warranty

- For complete information, consult written warranty or American Water Heaters.

Model Number	Gallon Capacity	First Hour Rating Gallon	Energy Factor	Btu Input Per Hour Natural Gas	Btu Input Per Hour Propane	Recovery @ 90°F Rise Gallon Per Hour	Dimensions in Inches					Approx. Shipping Weight (lbs)
							Insulation	Height to Top of Draft Hood	Height to Top of Tank	Diameter	Vent Outlet	
MHDV-62-30T30-3NV	30	49	0.63	30,000	29,000	31	2	61	58	18	3	129
MHDV-62-40T32-3NV	40	61	0.62	32,000	29,000	33	2	61-3/4	58-3/4	20	3	153
MHDV-62-50T40-3NV	50	77	0.60	40,000	37,000	39	2	60	57	22	3	168

Water connection-3/4" on all models. No option available for top T&P.

No option available for top T&P.

All models are certified for installation from sea level to 5,400 ft. elevation.

All models ship from the factory for use with natural gas, a complete propane burner is supplied for converting to propane gas.

**FREEDOM BRONZE**  
— GOOD —



## Ultra-Low NOx

### Intelligent Control Logic

### High Energy Factors

- Eco-friendly non-CFC foam insulation, external heat traps and specially designed combustion chamber combine to produce a high energy factor for maximum savings on operating costs.

### Green Choice® Gas Burner

- Enhanced Ultra-Low NOx burner complies with SCAQMD Rule 1121 and other air quality management districts with similar requirements for NOx emissions of less than 10 ng/J.

### Self-Cleaning Dip Tube

### Coregard™ Anode Rod

### Push-Button Piezo Ignitor

### Heat Trap Nipples

### Blue Diamond® Glass Coating

### Enhanced-Flow Brass Drain Valve

### Code Compliance

- Meets UBC, CEC and HUD National Codes.
- Meets the thermal efficiency and standby loss requirements of the U.S. Department of Energy and current edition of ASHRAE/IESNA 90.1.
- Complies with the Federal Energy Conservation Standards effective April 16, 2015, in accordance with the Energy Policy Conservation Act (EPCA), as amended.

### Design-Certified by CSA International

- Certified at 300 PSI test pressure and 150 PSI working pressure.
- Listed according to ANSI Z21.10-1 CSA 4.1 standards governing storage tank-type gas water heaters.

### 6-Year Limited Tank and Parts Warranty

- For complete information, consult written warranty or go to [americanwaterheater.com](http://americanwaterheater.com).

Model Number	Gallon Capacity	First Hour Rating Gallon	Energy Factor	BTU Input Natural Gas	Recovery @ 90° Rise Gallon Per Hour	Dimensions in Inches				Approx. Shipping Weight (lbs)
						Height to Top of Draft Hood	Height to Top of Tank	Diameter	Draft Hood	
<b>Tall Models</b>										
GU61-30T30	30	55	0.63	33,000	34	61-3/4	58	16	3 TO 4 COMBO	108
GU62-30T30	30	52	0.63	30,000	31	60	56-1/2	17-3/4	3 TO 4 COMBO	126
GU61-40T40	40	74	0.62	40,000	41	62	58-1/2	17-3/4	3 TO 4 COMBO	132
GU62-40T40	40	70	0.62	40,000	41	62	58-1/2	19-3/4	3 TO 4 COMBO	132
GU61-50T40	50	91	0.60	40,000	41	61	57-1/2	19-3/4	3 TO 4 COMBO	161
GU62-50T40	50	85	0.62	40,000	41	61	57-1/2	22	3 TO 4 COMBO	161
GU62-50T50*	50	98	0.60	50,000	51	61	57-1/2	22	4	177
<b>Short Models</b>										
GU62-40S40	40	69	0.62	40,000	41	51-1/2	47-3/4	22	3 TO 4 COMBO	138

All models may be ordered from the factory with top T&P valve as an option.

\*Side loop connections are standard on model GU62-50T50.

Models with a ring base (GU62-40S40 and GU61-30T30) are certified from sea level to 7,700 ft. elevation.

Models with a leg base (GU61-40T40, GU61-50T40, GU62-30T30, GU62-40T40, GU62-50T40 and GU62-50T50) are certified from sea level to 5,400 ft. elevation.

**FREEDOM SILVER**  
— BETTER —



## Ultra-Low NOx Power Vent

### Power Venting Made Simple

- Thru-the-wall or thru-the-roof power venting using either 2" or 3" PVC, ABS or CPVC vent pipe.

### Intelli-Vent™ Gas Control

- Advanced electronics for more precise control of water temperature and easy to understand system diagnostics.

### Combination Thermostat/ECO

- Utilizes an intermittent ignition gas valve (no standing pilot) with thermistor temperature sensor and built-in high temperature cut off

### Quiet and Efficient Blower

- Factory-installed 6-foot power cord with standard 3-prong male connector provided. Electrical requirements; 110/120 VAC power source, less than 5 amp draw.

### Self-Cleaning Dip Tube

- Reduces lime sediment buildup and maximizes hot water output. Made from long-lasting PEX cross-linked polymer.

### Coregard™ Anode Rod

### Durable, Ultra-Low NOx Burner Construction

### Enhanced-Flow Brass Drain Valve

### Code Compliance

- Meets UBC, CEC and HUD National Codes.
- Meets the thermal efficiency and standby loss requirements of the U.S. Department of Energy and current edition of ASHRAE/IESNA 90.1.
- Complies with the Federal Energy Conservation Standards effective April 16, 2015, in accordance with the Energy Policy and Conservation Act (EPCA) as amended.

### Design-Certified by CSA-International

- Certified at 300 PSI test pressure and 150 PSI working pressure.
- Listed according to ANSI Z21. 10.1-CSA 4.1 standards governing storage tank-type gas water heaters.

### 6-Year Limited Tank and Parts Warranty

- For complete information, consult written warranty or go to [americanwaterheater.com](http://americanwaterheater.com).



Model Number	Gallon Capacity	First Hour Rating Gallon Per Hour	Energy Factor	Recovery @ 90°F Rise Gallon Per Hour	BTU Input Gallon Per Hour	Dimensions in Inches				Approx. Shipping Weight (lbs)
						Height to Top of Blower	Height to Top of Tank	Diameter	Draft Hood	
PVUG62-40T42-NV	40	69	0.68	42.6	42,000	20	66-7/8	58-5/8	2 OR 3	170
PVUG62-50T42-NV	50	81	0.68	42.6	42,000	22	66-8/8	57-7/16	2 OR 3	207

No option for top T&P valve.



## Ultra-Low NOx Direct Vent



**Flammable Vapor Resistant/Direct Vent Sealed Combustion System**

**Durable, Ultra-Low NOx Burner Construction**

**Non-CFC Foam Insulation**

- The tank is surrounded by a thick coat of non-CFC polyurethane foam to trap heat inside the tank, saving energy.

**3/4" Top Water Connections and Side Space Heating Connections**

**1/2" Gas Connection**

**Combination Thermostat/ECO**

**Coregard™ Anode Rod**

**Blue Diamond® Glass Coating**

**Green Choice® Gas Burner**

- Complies with SCAQMD Rule 1121 and other air quality management district with similar requirements for NOx emissions of less than 10ng/J.

**Code Compliance**

- Meets UBC, CEC and HUD National Codes.
- Meets the thermal efficiency and standby loss requirements of the U.S. Department of Energy and current edition of ASHRAE/IESNA 90.1.
- Complies with the Federal Energy Conservation Standards effective April 16, 2015, in accordance with the Energy Policy and Conservation Act (EPCA), as amended.

**Design-Certified by CSA-International**

- Certified at 300 PSI test pressure and 150 PSI working pressure.
- Listed according to ANSI Z21. 10.1-CSA 4.1 standards governing storage tank-type gas water heaters.

**CSA Certified and ASME Rated T&P Relief Valve**

**6-Year Limited Tank and Parts Warranty**

- For complete information, consult written warranty or go to [americanwaterheater.com](http://americanwaterheater.com).



Model Number	Gallon Capacity	First Hour Rating Gallon	Energy Factor	Recovery 90°F Rise Gallon Per Hour	BTU Input Per Hour	Dimensions in Inches				Approx. Shipping Weight (lbs)
						Concentric Vent Connection	Height to Top of Draft Hood	Height to Top of Tank	Diameter	
DVUG62-40S36-NV	40	59	0.62	39	36,000	3 AND 5	65-1/4	50-1/2	22	179
DVUG62-50T38-NV	50	81	0.62	41	38,000	3 AND 5	73-1/2	58-1/2	22	193

No option available for top T&P valve.  
 All models have 3/4" top water connections and come standard with side loop fittings.  
 All models are certified from sea level to 7,700 ft.elevation.

**FREEDOM BRONZE**  
—GOOD—



## Ultra-Low NOx High Recovery



### Fully Automatic Controls with Safety Shutoff

### Heavy Gauge Steel Jacket

### Blue Diamond® Glass Coating

- Provides superior corrosion resistance compared to industry-standard glasslining.
- Maximizes tank life.

### Foam Insulation

### Ultra-Low NOx Emissions

- Complies with SCAQMD Rule 1146.2 and other Air Quality Management Districts with similar requirements of 14 ng/j or 20 ppm.

### Easy-to-Install

- Completely factory-assembled. Only gas, water and vent connections need to be made. All connections are located in front and top of heaters for ease-of-installation and service.

### Coregard™ Anode Rod

- Our anode rods have a stainless steel core that extends the life of the anode rod allowing superior tank protection far longer than standard anode rods.

### Maximum Pressure

- 150 psi.

### Maximum Gas Inlet Pressure

- 14" W.C.

### Code Compliance

- The Ultra-Low NOx atmospheric vent residential gas water heater meets the thermal efficiency and standby loss requirements of the U. S. Department of Energy and Current Edition ASHRAE/IESNA 90.1.

### 6-Year Limited Tank and Parts Warranty

- For complete information, consult written warranty or go to [americanwaterheater.com](http://americanwaterheater.com).



Model Number	Gallon Capacity	Recovery at 90°F Rise Gallon Per Hour	BTU Input Per Hour	Height to Top of Draft Hood	Depth	Diameter	Approx. Shipping Weight
UG62-75T75-4NV**	74	81	75,100	62-1/16	29-1/2	25-1/4	285 LBS
UG62-100T75-4NV†*	98	82	75,100	70-1/2	30-15/16	27-3/4	350 LBS

\*Recovery rating based on 81% thermal efficiency.

\*\*Recovery rating based on 80% thermal efficiency.

† The UG62-75T75-4NV comes standard with side loop fittings for use with hydronic heating.

All models certified from sea level to 7,700 ft. elevation.



## Tankless Condensing High Efficiency



### ENERGY STAR® Qualified

### Condensing Technology Provides 0.93 Energy Factor (EF)

### Ultra-Low NOx Emissions

- Complies with SCAQMD Rule 1146.2 NOx Emission Requirements of 14 ng/J or 20 PPM.

### Copper Primary Heat Exchanger

- 25x better heat transfer than stainless steel thus stabilizing outgoing water temperature quicker and reducing pressure drop across the heat exchanger.

### Secondary Heat Exchanger

- Marine-grade 316L stainless steel to protect against corrosion.

### Maximum Flow Rate of up to 6.6 GPM

### Indoor Models

- Include a built-in temperature controller and advanced diagnostics to simplify troubleshooting.

### Outdoor Models

- Include a wall mount temperature remote controller and advanced diagnostics to simplify troubleshooting.

### Factory-Installed Power Cord Included for Indoor Models

### Electronic Ignition - No Pilot Light

### Safety Features:

- Air-Fuel Ratio (AFR) Sensor.
- Exhaust & Water Temperature Safety Control.
- Overheat Cut-Off Fuse.

### Internal Freeze Protection System

### Warranty

- 15-year limited warranty on heat exchanger in residential application.
- 10-year limited warranty on heat exchanger in commercial applications.
- 5-year limited warranty on all parts.



ANSI Z21.10.3      CSA 4.3

Model Number	Type	Gas Consumption Input		Inlet Gas Pressure		Energy Factor (EF)	Maximum GPM*	Hot/Cold Connections	Gas Connection	Dimensions in Inches			Unit Weight (lbs)
		Minimum BTU/H	Maximum BTU/H	Minimum W.C.	Maximum W.C.					Height	Width	Depth	
<b>Indoor Models</b>													
GT-140-NIH	NATURAL	15,000	120,000	5.0	10.5	0.93	6.6	3/4" NPT	1/2" NPT	22-7/8	13-7/8	10-13/16	44
GT-140-PIH	PROPANE	13,000	120,000	8.0	14.0	0.93	6.6	3/4" NPT	1/2" NPT	22-7/8	13-7/8	10-13/16	44

15-150 PSI water pressure. 40 PSI or above is recommended for maximum flow.  
 \*Current numbers based on factory testing; 0.5 GPM required for activation; 0.4 GPM required for continuous fire after initial ignition.  
 Indoor models are certified from sea level to 10,100 ft. elevation. Outdoor models are certified from sea level to 6,000 ft. elevation.  
 For outdoor models change "I" to "E" in the model number (example: GT-NEH).



**FREEDOM GOLD**  
— BEST —



## Tankless Condensing High Efficiency

### ENERGY STAR® Qualified

### Condensing Technology Provides 0.95 Energy Factor

### Ultra-Low NOx Emissions

- Complies with SCAQMD Rule 1146.2 NOx Emission Requirements of 14 ng/J or 20 PPM.

### Heat Exchanger

- Primary heat exchanger of GT-540 is constructed of a commercial-grade copper that is more resilient to erosion. Copper is 25x better at heat transfer than stainless steel thus stabilizing outgoing water temperature quicker and reducing pressure drop across the heat exchanger.
- Secondary heat exchanger is made of marine-grade 316L stainless steel to protect against corrosion.

### Maximum Flow Rates up to 10.0 GPM

### Factory-Installed Power Cord Included for Indoor Models

### Indoor Models

- Include integrated temperature controls and advanced diagnostics to simplify troubleshooting.

### Outdoor Models

- Include a wall mount temperature remote controller and advanced diagnostics to simplify troubleshooting.

### Common Vent Indoor Models up to 8 Units

### Can Be Used in Both Residential and Commercial Applications

- Easy-Link up to 4 units.
- Multi-Link up to 20 units.

### Safety Features

- Air-Fuel Ratio (AFR) Sensor.
- Exhaust & Water Temperature Safety Control.
- Overheat Cut-off Fuse.

### Internal Freeze Protection System

### Power Vent or Power Direct Vent Design

### Warranty

- 15-year limited warranty on heat exchanger in residential application.
- 10-year limited warranty on heat exchanger in commercial applications.
- 5-year limited warranty on all parts.



Model Number	Type	Gas Consumption Input		Inlet Gas Pressure		Energy Factor (EF)	Maximum GPM*	Hot/Cold Connections	Gas Connection	Dimensions in Inches			Unit Weight (lbs)
		Minimum BTU/H	Maximum BTU/H	Minimum W.C.	Maximum W.C.					Height	Width	Depth	
<b>Indoor Models</b>													
GT-240-NIH	NATURAL	15,000	160,000	5.0	10.5	0.95	6.6	3/4" NPT	3/4" NPT	23-5/8	17-3/4	11-1/4	58
GT-240-PIH	PROPANE	13,000	160,000	8.0	14.0	0.95	6.6	3/4" NPT	3/4" NPT	23-5/9	17-3/5	11-1/5	58
GT-340-NIH	NATURAL	15,000	180,000	5.0	10.5	0.95	8	3/4" NPT	3/4" NPT	23-5/10	17-3/6	11-1/6	58
GT-340-PIH	PROPANE	13,000	180,000	8.0	14.0	0.95	8	3/4" NPT	3/4" NPT	23-5/11	17-3/7	11-1/7	58
GT-540-NIH	NATURAL	15,000	199,000	5.0	10.5	0.95	10	3/4" NPT	3/4" NPT	23-5/12	17-3/8	11-1/8	59
GT-540-PIH	PROPANE	13,000	199,000	8.0	14.0	0.95	10	3/4" NPT	3/4" NPT	23-5/13	17-3/9	11-1/9	59

15-150 PSI water pressure. 40 PSI or above is recommended for maximum flow.

\*Current numbers based on factory testing; 0.5 GPM for activation; 0.4 GPM required for continuous fire after initial ignition.

Indoor models are certified from 10,100 ft. elevation. Outdoor models are certified from sea level to 6,000 ft. elevation.

For outdoor models change "I" to "E" in the model number (example: GT-240-NEH)

**FREEDOM SILVER**  
— BETTER —



## Tankless Non-Condensing

### Maximum flow rates up to 10.0 GPM

### Copper Primary Heat Exchanger

- Primary heat exchanger of the 510 is constructed of a commercial-grade copper that is more resilient to erosion. Copper is 25x better at heat transfer than stainless steel thus stabilizing outgoing water temperature quicker and reducing pressure drop across the heat exchanger.

### Indoor/Outdoor Models

- Includes a Wall Mount Temperature Remote Controller and Advanced Diagnostics to Simplify Troubleshooting.

### Low NOx Emissions

### Easy-Link up to 4 (510) Units with No Additional Parts or Accessories Needed

### Safety Features

- Air-Fuel Ratio (AFR) Sensor.
- Exhaust & Water Temperature Safety Control.
- Overheat Cut-off Fuse.

### Power Direct Vent Design

### Warranty

- 15-year limited warranty on heat exchanger in residential application.
- 10-year limited warranty on heat exchanger in commercial applications.
- 5-year limited warranty on all parts.



Model Number	Type	Gas Consumption Input		Inlet Gas Pressure		Energy Factor (EF)	Maximum GPM*	Hot/Cold Connections	Gas Connection	Dimensions in Inches			Unit Weight (lbs)
		Minimum BTU/H	Maximum BTU/H	Minimum in. W.C.	Maximum in. W.C.					Height	Width	Depth	
<b>Indoor Models</b>													
GT-110-NI	NATURAL	19,500	140,000	5.0	10.5	0.82	6.6	3/4" NPT	3/4" NPT	20-1/4	13-3/4	7-3/4	33
GT-110-PI	PROPANE	19,500	140,000	8.0	14.0	0.82	6.6	3/4" NPT	3/4" NPT	20-1/4	13-3/4	7-3/4	33
GT-310-NI	NATURAL	11,000	190,000	5.0	10.5	0.82	8	3/4" NPT	3/4" NPT	20-1/4	13-3/4	9-1/2	38
GT-310-PI	PROPANE	11,000	190,000	8.0	14.0	0.82	8	3/4" NPT	3/4" NPT	20-1/4	13-3/4	9-1/2	38
GT-510-NI**	NATURAL	11,000	199,000	5.0	10.5	0.82	10	3/4" NPT	3/4" NPT	20-1/4	13-3/4	9-1/2	39
GT-510-PI**	PROPANE	11,000	199,000	8.0	14.0	0.82	10	3/4" NPT	3/4" NPT	20-1/4	13-3/4	9-1/2	39

\*Current numbers based on factory testing; 0.5 GPM required for activation; 0.4 GPM required for continuous fire after initial ignition. 15-150 PSI water pressure. 40 PSI or above is recommended for maximum flow. Indoor models are certified from sea level to 6,000 ft. elevation. Outdoor models are certified from sea level to 6,000 ft. elevation. For outdoor models change "I" to "E" in the model number (example: GT-110-NE)

**FREEDOM SILVER**

**— BETTER —**

## Tankless Non-Condensing Ultra-Low NOx



### Ultra-Low NOx Emissions

- Complies with SCAQMD Rule 1146.2 NOx emission requirements of 14 ng/J or 20 PPM.

### Maximum Flow Rates up to 10.0 GPM

### Copper Primary Heat Exchanger

- Primary heat exchanger of the 510U is constructed of a commercial-grade copper that is more resilient to erosion. Copper is 25x better at heat transfer than stainless steel thus stabilizing outgoing water temperature quicker and reducing pressure drop across the heat exchanger.

### Indoor/Outdoor Models

- Include a Wall Mount Temperature Remote Controller and Advanced Diagnostics to Simplify Troubleshooting.

### GT-510UE and GT-510UI Models Can be Used in Both Residential and Commercial Applications

- Easy-Link up to 4 Units (510UE/UI models only).
- Multi-Link up to 20 Units (510UE/UI models only).

### Safety Features

- Air-Fuel Ratio (AFR) Sensor.
- Exhaust & Water Temperature Safety Control.
- Overheat Cut-off Fuse.

### Internal Freeze Protection System

### Power Vent or Power Direct Vent Design

### Warranty

- 15-year limited warranty on heat exchanger in residential application.
- 10-year limited warranty on heat exchanger in commercial applications.
- 5-year limited warranty on all parts.



ANSI Z21.10.3

CSA 4.3

Model Number*	Type	Gas Consumption Input		Inlet Gas Pressure		Energy Factor (EF)	Maximum GPM**	Hot/Cold Connections	Gas Connection	Dimensions in Inches			Unit Weight (lbs)
		Minimum BTU/H	Maximum BTU/H	Minimum in. W.C.	Maximum in. W.C.					Height	Width	Depth	
<b>Indoor Models</b>													
GT-110U-NI	NATURAL	15,000	140,000	5.0	10.5	0.82	6.6	3/4" NPT	3/4" NPT	20-1/4	13-3/4	9-1/2	33
GT-310U-NI	NATURAL	15,000	190,000	5.0	10.5	0.82	8	3/4" NPT	3/4" NPT	20-1/4	13-3/4	9-1/2	37
GT-510U-NI***	NATURAL	15,000	199,000	5.0	10.5	0.82	10	3/4" NPT	3/4" NPT	20-1/4	13-3/4	9-1/2	39

\*Current numbers based on factory testing; 0.5 GPM required for activation; 0.4 GPM required for continuous fire after initial ignition. 15-150 PSI water pressure. 40 PSI or above is recommended for maximum flow. Indoor models are certified from sea level to 10,100 ft. elevation. Outdoor models are certified from sea level to 6,000 ft. elevation. For outdoor models change "I" to "E" in the model number (example: GT-110U-NE).

**FREEDOM GOLD**  
— BEST —



## High Efficiency Hybrid Electric Heat Pump

The High Efficiency hybrid electric heat pump water heater from American is the most cost effective energy-efficient option available for consumers who want to save money on their utility bills. High Efficiency hybrid electric heat pump can reduce water heating costs up to 68% and provide payback in 2-3 years. With annual savings of \$419 or more, there is no better way to go green than the High Efficiency hybrid electric heat pump.

### How do they work?

Heat pump water heaters absorb ambient heat from surrounding air to heat water using a compressor and environmentally-friendly R134a refrigerant

- Self-contained heat pump unit is integrated onto the top of the tank
- Multiple operating modes maximize efficiency and performance

**Qualifies for Many State and Local and Local Utility Rebates – Check [www.dsireusa.org](http://www.dsireusa.org)**

### Increased Energy Efficiency

- Improved efficiency designed in, to ensure available hot water at the lowest possible cost
- Up to a 2.75 Energy Factor (EF) Rating conserves energy and meets ENERGY STAR® qualifications

### Choice of Operating Modes

- Select from efficiency, hybrid, or electric modes to match heating requirements to environmental conditions and hot water demand. Hybrid mode automatically adjusts between compressor and element, depending upon heat requirements.
- Vacation mode reduces operating costs and provides freeze protection during extended absence. Programmable up to 99 days.

### Back up Electric Elements

- Long-lasting, 240 VAC incoloy heating elements, 200W lower and 4500W upper, help heat water when in conventional electric or hybrid modes.

### Dry Fire Protection

- Control system ensures the tank is full of water during start up to prevent dry firing the heating elements

### Electronic User Interface

- User-friendly electronic interface allows easy control of temperature setting, operating mode, and communicates diagnostics
- Easy to read temperature display shows temperature in °F or °C
- Advanced diagnostics convey error messages for service purposes. The last four error messages are saved in the control system memory.

### 10-Year Limited Warranty

- For complete information, consult written warranty or go to [americanwaterheater.com](http://americanwaterheater.com).

Model Number	Gallon Capacity	Energy Factor by Mode			1st Hour Rating (Gal) By Mode			Dimensions in Inches			Approx. Shipping Weight (lbs)
		Efficiency	Hybrid	Electric	Efficiency	Hybrid	Electric	Height to Top of Tank	Height to T&P	Diameter	
HPSE10250H045DV	50	2.78	2.75	0.89	42.1	67.5	59.1	63	40-1/2	22	196
HPSE10266H045DV	66	2.71	2.74	0.91	59.7	81	79	61	38	27	285
HPSE10280H045DV	80	2.71	2.72	0.92	76.3	91	88	69	46	27	302

Requires 30 amp breaker.  
Top T&P option not available on these models.

**FREEDOM GOLD**  
— BEST —



## High Efficiency Hybrid Electric Heat Pump

The High Efficiency hybrid electric heat pump water heater from American is the most cost effective energy-efficient option available for consumers who want to save money on their utility bills. High Efficiency can reduce water heating costs up to 63% and provide payback in 2-3 years. With annual savings of \$387 or more for the life of the appliance there is no better way to go green than High Efficiency.

### Increased Storage

- High capacity storage tank enables the heat pump to operate more frequently than backup heating elements. This improves energy efficiency and lowers operating costs, saving more money than lower capacity units
- High capacity storage tank provides more hot water for peak demand periods

### Energy Efficiency

- Up to 2.33 Energy Factor (EF) rating conserves energy and meets ENERGY STAR® qualifications.

### Choice of Operating Modes

- Select from efficiency, hybrid, or electric modes to match heating requirements to environmental conditions and hot water demand. Hybrid mode automatically adjusts between compressor and element, depending upon heat requirements. Vacation mode reduces operating costs and provides freeze protection during extended absence.

### Back up Electric Elements

- Long-lasting, 240 VAC incoloy heating elements, 2000W lower and 4500W upper, help heat water when in conventional electric or hybrid modes.

### Dry Fire Protection

- Control system ensures the tank is full of water during start up to prevent dry firing the heating elements

### Electronic User Interface

- User-friendly LCD touch-pad control, with plain English text and intuitive status icons provides easy interaction
- Large LCD temperature display shows temperature in °F or °C
- 3 line, 13 character backlit LCD display
- Advanced diagnostics convey error messages for service purposes. The last four error messages are saved in the control system memory.

### Accessory Inlet/Outlet Duct Kits with Booster Fan

- Permits installation in confined spaces as small as 4' x 4' x 8' (128 cubic feet)
- Duct adaptor kits redirect inlet and/or outlet air
- Booster fan extends total duct distance from 10' to 25'
- Engineered solution – ensures optimal efficiency performance

### 6-Year Limited Tank and Parts Warranty

- For complete information, consult written warranty or go to [americanwaterheater.com](http://americanwaterheater.com)

Model Number	Gallon Capacity	Energy Factor by Mode			1st Hour Rating (Gal) By Mode			Dimensions in Inches			Approx. Shipping Weight (lbs)
		Efficiency	Hybrid	Electric	Efficiency	Hybrid	Electric	Height to Top of Tank	Height to T&P	Diameter	
HPE6280H045DV	80	2.30	2.33	0.85	70	84	76	82-1/2	56-1/3	24-1/2	340

Requires 30 amp breaker.  
Top T&P option not available on this model.

**FREEDOM SILVER**  
— BETTER —



## Self Cleaning

### Electronic User Interface

- Touchscreen display.
- Multiple operating modes help save money.
  - Energy saver and vacation modes available.
- Diagnostic feedback.
- Dry fire protection.
- Grid management ready for future CEA-2045 Bridge module.

### Enhanced Heating Elements

- Dual 5500 watt elements for the fastest recovery and reliable operation.
- Incoloy stainless steel elements last longer than standard copper elements.

### Enhanced-Flow Brass Drain Valve

#### Code Compliance

- Meets UBC, CEC and HUD National Codes.
- Meets the thermal efficiency and standby loss requirements of the U. S. Department of Energy and current edition of ASHRAE/IESNA 90.1.
- Complies with the Federal Energy Conservation Standards effective April 16, 2015, in accordance with the Energy Policy and Conservation Act (EPCA), as amended.

### Approved for Manufactured Housing

- All residential electric water heaters are compliant with HUD standards for mobile homes/ manufactured housing

### Design-Listed by Underwriters Laboratories

- Certified at 300 PSI test pressure and 150 PSI working pressure. Listed according to ANSI Z21.10-1 CSA 4.1 standards governing storage tank-type water heaters.

### 10-Year Limited Tank and Parts Warranty

- For complete information, consult written warranty or [americanwaterheater.com](http://americanwaterheater.com)

Model Number	Gallon Capacity	First Hour Rating Gallon	Energy Factor	Recovery @ 90°F Rise Gallon Per Hour	Element Wattage 240V		Dimensions in Inches			Approx. Shipping Weight (lbs)
					Standard	Maximum	Height to Top of Tank	Height to T&P	Diameter	
<b>Tall Models</b>										
ES10N-40H	40	61	0.95	25	5500	5500	60-1/4	53-1/4	20	118
ES10N-50H	50	79	0.95	25	5500	5500	60-1/2	51-1/4	22	134
ES10N-55H	55	79	0.94	25	5500	5500	56-1/2	48-1/2	24	145
<b>Short Models</b>										
ES10N-40R	40	56	0.95	25	5500	5500	50	40-3/4	22	109
ES10N-50R	50	58	0.95	25	5500	5500	49-3/4	40-1/4	24	161

3/4" water connections on 8" center.  
 Top-mounted T&P valve not available.  
 Only available for 240V or 208V applications.  
 Equipped as dual element only, no single element configurations available.

**FREEDOM BRONZE**  
—GOOD—



## Standard



### Enhanced Heating Elements

- Dual 4500 watt elements for faster recovery and reliable operation.
- Incoloy stainless steel lower element lasts longer than standard copper elements.

### Self-Cleaning Dip Tube

### Coregard™ Anode Rod

### Blue Diamond® Glass Coating

### Enhanced-Flow Brass Drain Valve

### Code Compliance

- Meets UBC, CEC and HUD National Codes.
- Meets the thermal efficiency and standby loss requirements of the U.S. Department of Energy and current edition of ASHRAE/IESNA 90.1.
- Complies with the Federal Energy Conservation Standards effective April 16, 2015, in accordance with the Energy Policy and Conservation Act (EPCA), as amended.

### Approved for Manufactured Housing

- All residential electric water heaters are compliant with HUD standards for mobile homes/ manufactured housing.

### Design-Listed by Underwriters Laboratories

- Certified at 300 PSI test pressure and 150 PSI working pressure.
- Listed according to ANSI Z21.10.1-CSA 4.1 standards governing storage tank-type water heaters.

### 6-Year Limited Tank and Parts Warranty

- For complete information, consult written warranty or go to [americanwaterheater.com](http://americanwaterheater.com).

Model Number	Gallon Capacity	First Hour Rating Gallon	Energy Factor	Recovery @ 90°F Rise Gallon Per Hour	Element Wattage 240V		Dimensions in Inches			Approx. Shipping Weight (lbs)
					Standard	Maximum	A	B	C	
<b>Tall Models</b>										
†E6N-30H	30	47	0.95	21	4500	6000	46-1/2	39-1/2	19	95
†E6N-40H	40	51	0.95	21	4500	6000	60-1/4	53-1/4	20	118
E6N-50HB*	50	70	0.95	21	4500	6000	60-1/4	51-1/4	21	131
†E6N-50H	50	71	0.95	21	4500	6000	60-1/2	51-1/4	22	134
†E6N-55H	55	76	0.94	21	4500	6000	56-1/2	48-1/2	24	145
<b>Short Models</b>										
E6N-30RB*	30	48	0.95	21	4500	6000	39	30-1/2	20	95
†E6N-30R	30	49	0.95	21	4500	6000	39-3/4	30-1/2	22	94
†E6N-40R	40	55	0.95	21	4500	6000	50	40-3/4	22	109
†E6N-50R	50	62	0.95	21	4500	6000	49-3/4	40-3/8	24	161
<b>Lowboy Top Connect Models</b>										
E6N-30LB*	28	40	0.95	21	4500	6000	30	21-3/4	22	96
†E6N-30L	28	43	0.95	21	4500	6000	31-1/4	21-3/4	24	115
E6N-40LB*	38	46	0.95	21	4500	6000	31-3/4	24	24	118
†E6N-40L+	38	44	0.95	21	4500	6000	33-1/2	24	26	118

3/4" water connections on 8" center.

\*Models ship with supplied insulation blanket.

† For 10-year tank and 6-year parts limited warranty, change "6" to "10" in the model number (example: E10N-40H).

+Top T&P option not available on this model.

Only available for 240V or 208V applications.



## Mobile Home



### Approved for Manufactured Housing

- All residential electric water heaters are compliant with HUD Standards for mobile homes/ manufactured housing.

### Coregard™ Anode Rod

- Our anode rods have a stainless steel core that extends the life of the anode rod allowing superior tank protection far longer than standard anode rods.

### Side Water Connections

- For ease of installation in mobile home applications.

### Long-Lasting Heating Elements

- Screw-in, direct immersion, 3000W/120V heating elements for maximum efficiency.

### Blue Diamond® Glass Coating

### Enhanced-Flow Brass Drain Valve

- Our residential water heaters have a solid brass, tamper-resistant, enhanced-flow, ball-type, drain valve.
- Uses a standard female hose fitting that allows for fast and easy draining during maintenance.

### Code Compliance

- Meets UBC, CEC and HUD National Codes.
- Meets the thermal efficiency and standby loss requirements of the U.S. Department of Energy and current edition of ASHRAE/IESNA 90.1.
- Complies with the Federal Energy Conservation Standards effective April 16, 2015, in accordance with the Energy Policy and Conservation Act (EPCA), as amended.

### Design-Listed by Underwriters Laboratories

- Certified at 300 PSI test pressure and 150 PSI working pressure.
- Listed according to UL 174 standards governing storage tank-type electric water heaters.

### 6-Year Limited Tank and Parts Warranty

- For complete information, consult written warranty or go to [americanwaterheater.com](http://americanwaterheater.com).

Model Number	Gallon Capacity	First Hour Rating Gallon	Energy Factor	Recovery @ 90° F Rise Gallon Per Hour	Voltage	Wattage		Dimensions in Inches			Approx. Shipping Weight (lbs)
						Upper Element	Lower Element	Height to Top of Heater	Height to T&P	Diameter	
MHE6-30H-030D	30	42	0.95	14	120	3000	3000	46-3/4	39-1/2	19	98
MHE6-30H-035D	30	42	0.95	16	240	3500	3500	46-3/4	39-1/2	19	98
MHE6-40R-030D	40	51	0.95	14	120	3000	3000	50	40-3/4	22	109
MHE6-40R-035D	40	51	0.95	16	240	3500	3500	50	40-3/4	22	109
MHE6-30L-030D*	28	40	0.95	14	120	3000	3000	30	21-3/4	22	96
MHE6-30L-035D*	28	40	0.95	16	240	3500	3500	30	21-3/4	22	96

\*Models ship with supplied insulation blanket.  
 MHE6 models have limited element options due to element size or other restrictions.  
 Available with side T&P only.  
 3/4" water connections.



**FREEDOM SILVER**  
— BETTER —



## Specialty Electric



TABLE TOP

POINT-OF-USE

COMPACT



### Table Top

- Features a convenient flat porcelain surface at 36" height, providing extra "counter space" wherever installed. All plumbing and electrical connections are made through the back of the water heater. This heater is equipped with a PEX cross-linked polymer dip tube.

### Point-Of-Use

- Designed for low-demand, such as office lavatories or buildings with remote restrooms.

### Compact

- Top-mounted plumbing connections (optional side-mounted water connections for field conversion). Designed for installation under a counter, in a crawl space or in other tight spaces.

### Enhanced-Flow Brass Drain Valve

### Code Compliance

- Meets UBC, CEC and HUD National Codes.
- Meets the thermal efficiency and standby loss requirements of the U.S. Department of Energy and current edition of ASHRAE/IESNA 90.1.
- Complies with the Federal Energy Conservation Standards effective April 16, 2015, in accordance with the Energy Policy and Conservation Act (EPCA), as amended.

### Approved for Manufactured Housing

- All residential electric water heaters are compliant with HUD Standards for mobile homes/ manufactured housing.

### Design-Listed by Underwriters Laboratories

- Certified at 300 PSI test pressure and 150 PSI working pressure.
- Listed according to ANSI Z21.10.1-CSA 4.1 standards governing storage tank-type water heaters.

### 6-Year Limited Tank and Parts Warranty (except Point-Of-Use model, which is 5-Year)

- For complete information, consult written warranty or go to [americanwaterheater.com](http://americanwaterheater.com).

Model Number	Gallon Capacity	First Hour Rating Gallon	Energy Factor	Element Wattage		Recovery @ 90°F Rise Gallons Per Hour	Dimensions in Inches		Approx. Shipping Weight (lbs)
				Standard	Maximum		Height to Top of Heater	Diameter	
<b>Compact Models</b>				<b>120V</b>	<b>240V</b>				
E61-06U-017SV	6	N/A	N/A	1650	3000	8	15-1/4	14-1/4	31
E61-12U-015SV	10	N/A	N/A	1500	6000	8	22-3/4	16	49
E61-20U-015SV	19	N/A	N/A	1500	6000	11	25	18	65
E61-19L-045DV	19.9	N/A	N/A	4500	6000	11	31-1/4	16	60
<b>Lowboy Side-Connect Model</b>				<b>240V</b>					
E6N-30LBS*	28	39	0.95	4500	6000	21	30	22	101
E6N-30LS	28	39	0.95	4500	6000	21	31-1/4	24	115
E6N-40LBS*	38	47	0.95	4500	6000	21	31-3/4	24	118
E6N-40LS	38	44	0.95	4500	6000	21	33-1/2	26	118
<b>Table Top Model</b>				<b>240V</b>					
E62-38T-045DV	38	45	0.88	4500	5500	21	36	25 X 24	150
<b>Point-Of-Use-Models</b>				<b>120V</b>					
E1E2.5US015V	2.5	N/A	N/A	1500 @ 120V		7	13-3/4	13-3/4	20

\*Models ship with a supplied insulation blanket.



**Order Entry and Sales**

500 Princeton Road (FEDEX, UPS)  
Johnson City, TN 37601-2030  
PO Box 4808 (Mailing)  
Johnson City, TN 37602-4808  
(800) 581-7224 fax

**Warranty and Service**

500 Princeton Road (FEDEX, UPS)  
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PO Box 1597 (Mailing)  
Johnson City, TN 37602-4808  
(800) 999-9515/ (800) 999-5210 fax