

## GE Appliances Parts and Accessories

GE Appliances Parts and Accessories makes it easy to service water heaters with high-performance replacement parts and accessories. We provide universal accessories and installation parts that are compatible with the GE Appliances family of brands and other major industry names, as well as high-quality, durable replacements for our proprietary parts like heating elements and anode rods.



### GEOSPRING Ducting Kit

Optional kit that assists with proper air flow in small spaces.

SKU# PH10VK



### Wireless Leak Detection Sensor

While each unit comes with 1 sensor, additional (or replacement) sensors can be ordered for leak detection at multiple spots near the water heater.



### Stainless Steel Heating Elements

Ultra-durable stainless-steel heating elements resist rust and corrosion.



### Sensing Anode Rods

Replacement sensing anode rods are only available through GE Appliances.



### Water Heater Drain Pan

#### w/ CPVC Fitting

A drain pan is always recommended for installation in a finished room or attic where you would want your flooring or ceilings protected.



### 2.1 Gallon Thermal Expansion Tank

Optional expansion tank is recommended and may be specified by local building and plumbing codes.

#### Connect with GE Appliances

Discover our full range of water heaters designed to bring you unbeatable efficiency and effortless comfort.



Visit <https://www.geappliancesairandwater.com/geospring-water-heater> to learn more.

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GEOSPRING HPWH with FlexCAPACITY Product Guide  
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# GEOSPRING™

Heat Pump Water Heater with FlexCAPACITY

## Product Guide



up to  
**4.7X**  
more efficient<sup>1</sup>

**EASY  
INSTALL  
+  
SERVICE**

**SmartHQ™**  
app connectivity

up to  
**60%**  
more hot  
water<sup>2</sup>

up to  
**\$550**  
in energy savings<sup>3</sup>

Brought to you by  
**Air & Water Solutions**



**AIR & WATER**  
SOLUTIONS

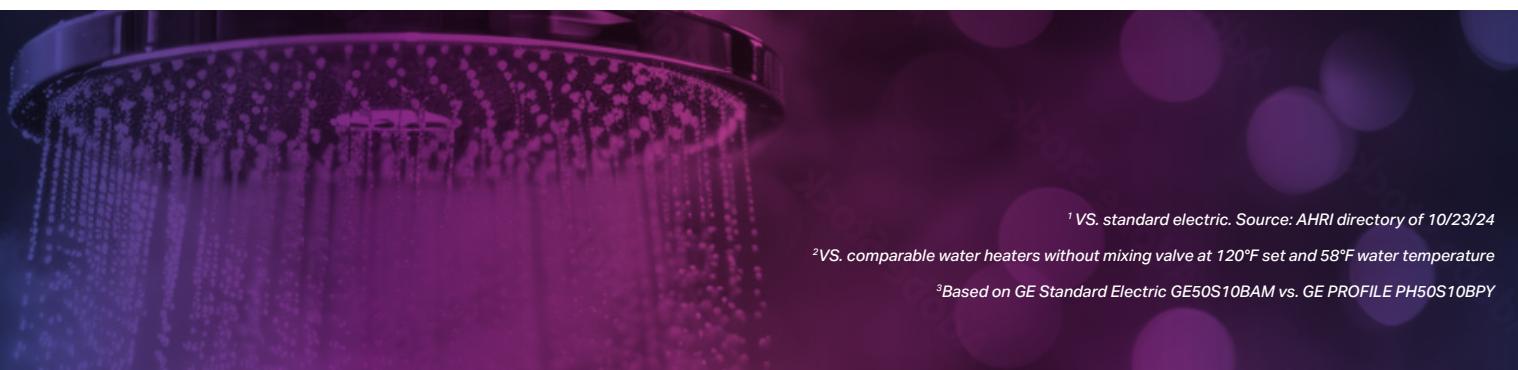
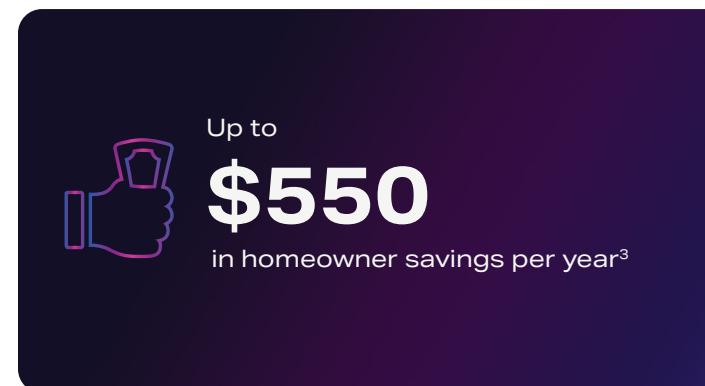
<sup>1</sup> VS. standard electric. Source: AHRI directory of 10/23/24

<sup>2</sup> VS. comparable water heaters without mixing valve at 120°F set and 58°F water temperature

<sup>3</sup> Based on GE Standard Electric GE50S10BAM vs GE PROFILE PH50S10BPY

# Pump up your **EFFICIENCY**. Flex your **CAPACITY**.

The next evolution in water heating technology is here. GE Appliances' GEOSPRING™ Heat Pump Water Heaters with FlexCAPACITY deliver eco-friendly efficiency, powerful hot water capacity, and configurable smart controls to give homeowners an elevated water heating experience. All backed by one of the most trusted names.



GE Appliances isn't just a brand — it's a symbol of innovation and trust. Since the 1920s, we've been delivering products that make life easier, more comfortable, and worry-free for businesses and homeowners alike. We pioneered the first-ever heat pump water heater, and now we're taking it to the next level with the 4th generation: the GE Profile GEOSPRING™ Heat Pump Water Heater.

This cutting-edge product line is designed to maximize efficiency for homeowners and make installation a breeze for professionals. It's the kind of reliability and innovation you've come to expect from a brand with a century-long legacy of excellence.

## A Partner to the Pros



 Turnkey marketing campaigns

 Access to asset library

 GE Appliances exclusive technical and sales training

 Plumbing rewards program

Whether you're a local business or an established regional brand, GE Appliances has your back with marketing and sales support to help you grow your business and earn lifelong customers.

Our Water Heater Expert Training and Support Portal is your source for on-demand training, videos, and guides to help you learn and solve problems quickly. You also have access to the **GE Appliances Air & Water Learning Academy** for training on products across the Air and Water portfolio. Here, you can learn about the full line or dive deep into our residential water heater curriculum.

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# GEOSPRING™ Heat Pump Water Heater with FlexCAPACITY

## Key Features and Benefits

### Efficient Operation

**Up to 4.7X more efficient<sup>1</sup>** thanks to heat pump technology that amplifies ambient air into water-heating power.

**EcoPort certified built-in demand response capabilities** allow GEOSPRING™ models to heat water when utility rates are lowest, saving homeowners money on utility bills. GEOSPRING™ units are also JA-13 Compliant for California.

**Variable speed compressor** adjusts speed based on environmental factors maintaining a consistent heating rate year round.

**Cold climate capable:** Most competitive heat pump units only operate on one speed and don't adjust speed to operate in cold weather. However, GEOSPRING™ models automatically adjust the compressor speed based on ambient room temperature and operate even in cold climates.

### Easy on the Pros

**Standard 15A shared outlet** with 120V models.

**Simple 120 to 240V conversion** lets 120V models operate with improved performance and efficiency.

**Easy-install features** like integrated pocket handles, pre-installed wire connectors, and optional ducting kit (SKU #PH10VK) make installation a breeze.

**Ten-year warranty:** A limited tank and parts warranty provides peace of mind and dependability.

### Powerful Performance

**FlexCAPACITY technology** uses an electronic integrated mixing valve to heat water hotter and precisely mixes it with cold water to deliver up to 60% more hot water to homeowners.<sup>2</sup> With FlexCAPACITY, an 80-gallon unit can provide up to 125 gallons of hot water.

**Quiet operation** at just 41 dBA.

**GE-exclusive sensing anode rod** notifies homeowners when it needs to be replaced, extending the water heater's life and performance.

**Up to 101-gallon first-hour rating** thanks to high power dual stainless steel heating elements.

### Planet-Friendly Features

**The greenest heat pump water heater**, featuring refrigerant with low global warming potential (GWP), sets a new standard for sustainability in residential-style products.

**ENERGY STAR® certification** means GEOSPRING™ water heaters are verified to be energy efficient.

**Serviceability:** GEOSPRING™ units are designed to be serviceable, reducing waste and minimizing the number of units that end up in landfills.

### Homeowner Savings

**Up to \$550 yearly savings** on energy bills<sup>3</sup> compared to traditional standard electric tank water heaters.

**ENERGY STAR® rebates up to \$900**, combined with local, state, and federal incentives, help homeowners save money.

### Configurable and Controllable

**Wireless leak detection with automatic water shutoff (GE Appliances' exclusive feature):** When water is detected, the leak sensor will trigger the water shut-off valve at the top of the unit to shut off. GEOSPRING comes equipped with one leak detection sensor with the option to add up to four more sensors for enhanced protection.

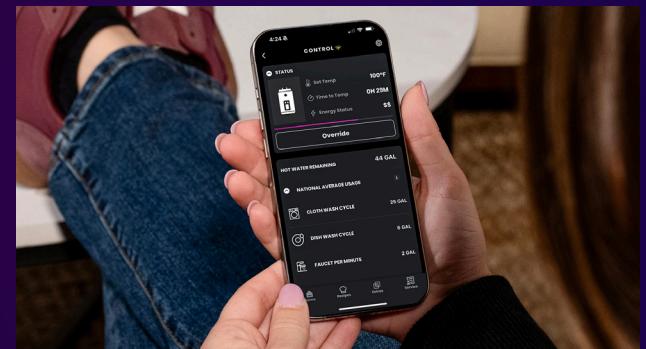
**SmartHQ™ Home app** connectivity gives homeowners total control over water heater settings, including capacity settings, schedules, home energy use, and more. Plus, real-time alerts and notifications for added peace of mind.

**Convenient software and feature updates** thanks to embedded Wi-Fi connectivity.

**Five operation modes** include heat pump, hybrid, high-demand, electric, and vacation.



### Total Control with SmartHQ™



**FlexCAPACITY setting (on select models):**  
Choose between normal, high, and x-high.

**Create custom schedules:**  
Personalized schedules help to meet a home's water heating and energy needs.

**Real-time capacity updates:**  
View estimated gallons of hot water remaining and time to recover to set temperature.

**Adjust operating modes:**  
Equipped with five operating modes for energy efficiency, including vacation mode.

**Energy use data:**  
View up to 30 days of energy usage.

**Anode rod status:**  
Real-time status on remaining anode rod capacity.

**Utility rate plans:**  
Optimize your energy cost based on zip code and local utility programs (where applicable).

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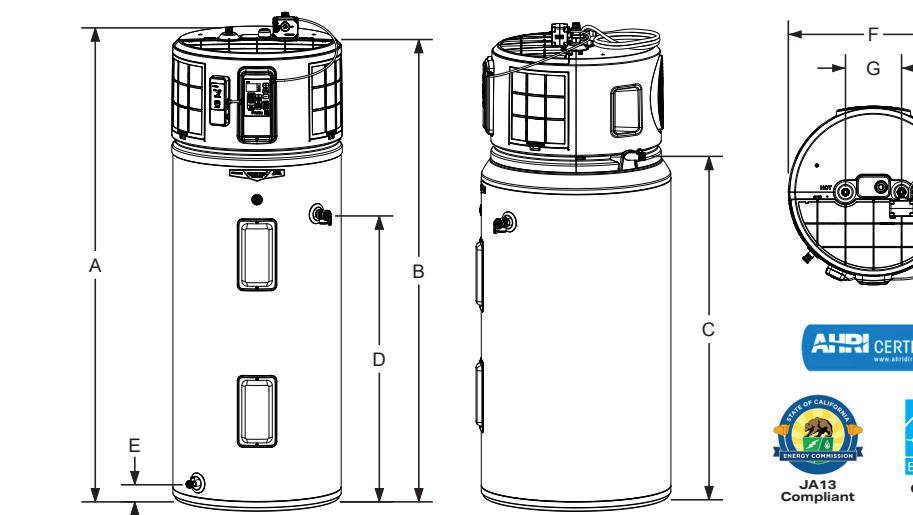
## GEOSPRING™ Tank Features



## GEOSPRING™ Heat Pump Water Heaters - Specifications

Model Number	Nominal Capacity (Gallons)	Rated Storage	First Hour Rating (Gallon)	Uniform Energy Factor Min.	Element Wattage Upper 120V / 240V	Element Wattage Lower 120V / 240V	Power Supply	Breaker Size	Brass Drain Valve	Integrated Mixing Valve	Dimensions in Inches Approx.							Product Weight (lbs) est.	Shipping Weight (lbs) est.	
											A	B	C	D	E	F	G			
<b>40 Gallon</b>	<b>PF40S10FPY</b>	40	40	46	3.1	900W / 120V 3600W / 240V	900W / 120V 3600W / 240V	120V / 240V	15A Shared/ 25A Dedicated	Yes	59 1/2	57 3/4	43 1/8	34	3 1/2	24	8	165	194	
	<b>PH40S10BPY</b>	40	40	64	4.2	5500W	3600W	240V	30A Dedicated	Yes	59 1/2	57 3/4	43 1/8	34	3 1/2	24	8	165	194	
<b>50 Gallon</b>	<b>PF50S10FPY</b>	50	50	59	3.2	900W / 120V 3600W / 240V	900W / 120V 3600W / 240V	120V / 240V	15A Shared/ 25A Dedicated	Yes	68 1/4	66 1/2	51 7/8	42 3/4	3 1/2	24	8	179	195	
	<b>PH50S10BNY</b>	50	50	75	4.5	5500W	3600W	240V	30A Dedicated	Yes	No	68 1/4	66 1/2	51 7/8	42 3/4	3 1/2	24	8	177	193
<b>65 Gallon</b>	<b>PH65S10BPY</b>	50	50	77	4.3	5500W	3600W	240V	30A Dedicated	Yes	68 1/4	66 1/2	51 7/8	42 3/4	3 1/2	24	8	179	195	
	<b>PF65S10FPY</b>	65	65	77	3.4	900W / 120V 3600W / 240V	900W / 120V 3600W / 240V	120V / 240V	15A Shared/ 25A Dedicated	Yes	67 1/8	65 1/4	50 5/8	41 1/4	3 1/2	27	8	269	293	
<b>80 Gallon</b>	<b>PH65S10BNY</b>	65	65	86	4.3	5500W	3600W	240V	30A Dedicated	Yes	No	67 1/8	65 1/4	50 5/8	41 1/4	3 1/2	27	8	269	293
	<b>PF80S10FPY</b>	80	80	94	3.5	900W / 120V 3600W / 240V	900W / 120V 3600W / 240V	120V / 240V	15A Shared/ 25A Dedicated	Yes	Yes	76 3/8	75	60 3/8	51	3 1/2	27	8	331	360
<b>80 Gallon</b>	<b>PH80S10BNY</b>	80	80	101	4.5	5500W	3600W	240V	30A Dedicated	Yes	No	76 3/8	75	60 3/8	51	3 1/2	27	8	331	360
	<b>PH80S10BPY</b>	80	80	101	4.4	5500W	3600W	240V	30A Dedicated	Yes	Yes	76 3/8	75	60 3/8	51	3 1/2	27	8	331	360

P	H	5	0	S	1	0	B	P	Y
<b>Brand</b> P = GE Profile	<b>Fuel Type</b> F=120V H=240V			<b>Capacity</b> 40=40 Gallons 50=50 Gallons 65=65 Gallons 80=80 Gallons	<b>Size</b> S=Short	<b>Warranty</b> 10=10 Years	<b>Feature</b> N=Leak detect w/shutoff P=Leak detect w/shutoff & integrated mixing valve		<b>Model Year</b> Y=2025
				<b>Wattage (Factory Setting)</b> B=5500 UE/3600 LE (240V) F=900 UE/900 LE (120V)					



Height to top of the leak detection shut off valve is not accounted for on this table.

Water connections are 3/4".

Dimensions and specifications are subject to change without notice.

All models feature a brass drain valve.

Optional Ducting Kit available: SKU# PH10VK

**Watch Video:**



Certified to  
NSF/ANSI 372  
See [http://info.nsf.org/Certified/Lead\\_Content/](http://info.nsf.org/Certified/Lead_Content/) for specific model listing



JA13 Compliant  
Energy STAR Certified



Listed by  
Underwriters Laboratories

GE Profile GEOSPRING™  
Heat Pump Water Heater -  
Performance & Feature Overview