

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 efficient¹

EASY
INSTALL
+
SERVICE

SmartHQ™
app connectivity

up to
60%
more hot
water²

up to
\$550
in energy savings³



Brought to you by
Air & Water Solutions



AIR&WATER
SOLUTIONS


¹ VS. standard electric. Source: AHRI directory of 10/23/24
² VS. comparable water heaters without mixing valve at 120°F set and 58°F water temperature
³ 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.


Heat pump technology provides homeowners with up to

4.7X
energy efficiency¹



FlexCAPACITY technology delivers up to

60%
more hot water²




Pro-centric design features make it

**EASY
INSTALL
+ SERVICE**



Up to

\$550
in homeowner savings per year³



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.

¹ VS. standard electric. Source: AHRI directory of 10/23/24
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GEOSPRING™ Heat Pump Water Heater with FlexCAPACITY

Key Features and Benefits

Efficient Operation

Up to 4.7X more efficient¹ 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.² 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 bills³ 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.

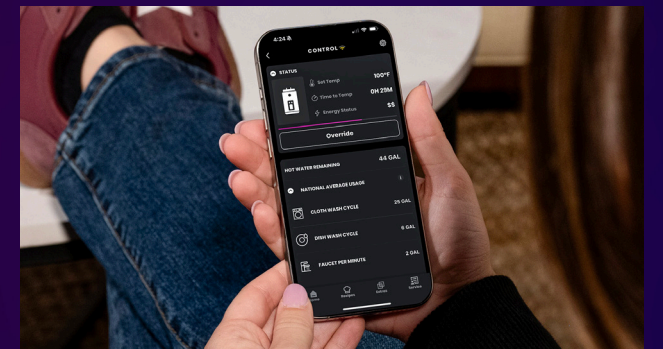
SmartHQ™ Home app connectivity gives homeowners total control over water heater settings, including capacity settings, schedules, home energy use, and more. Plus, real-time alerts and notifications for added peace of mind.

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.

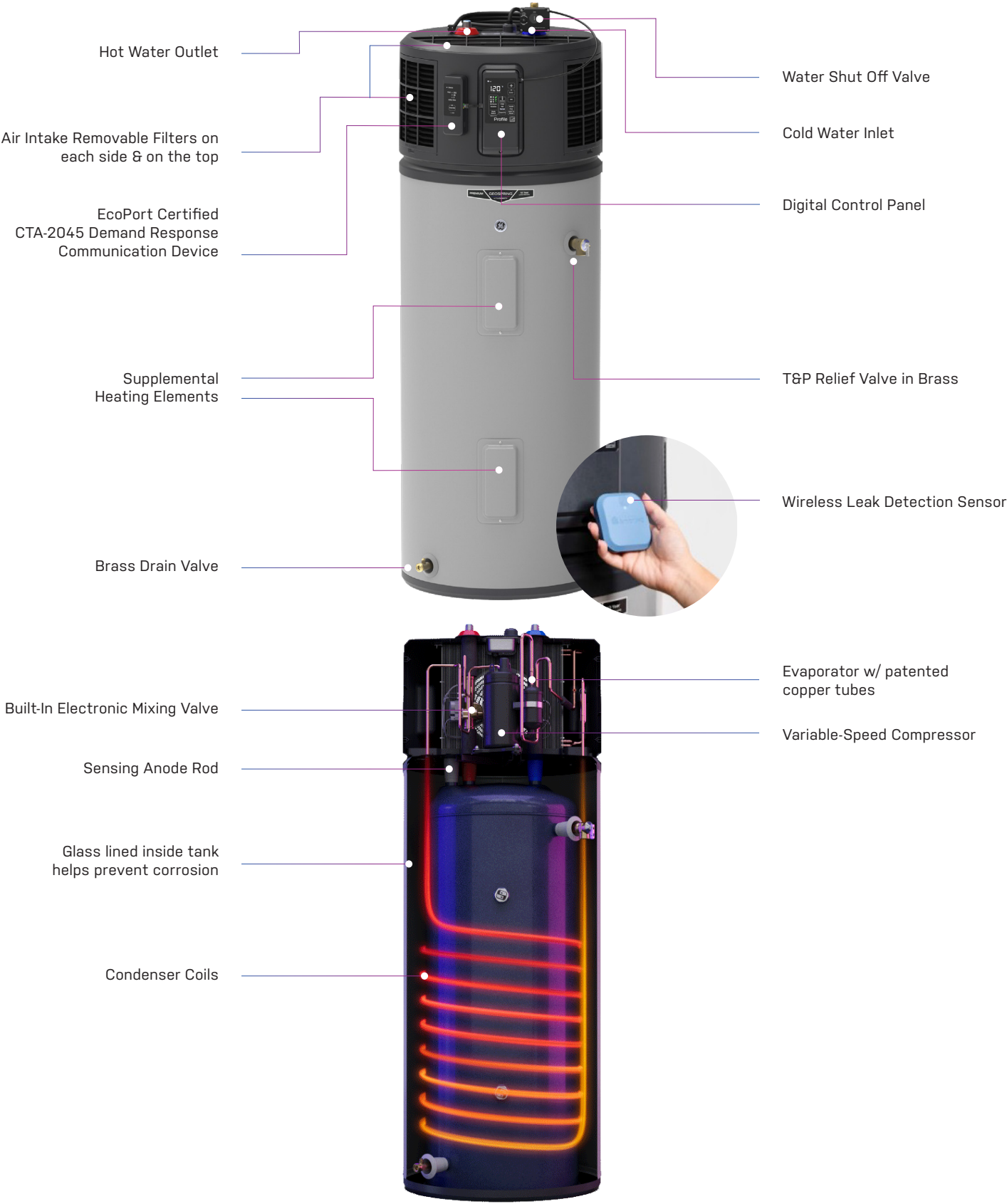
Utility rate plans: Optimize your energy cost based on zip code and local utility programs (where applicable).

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

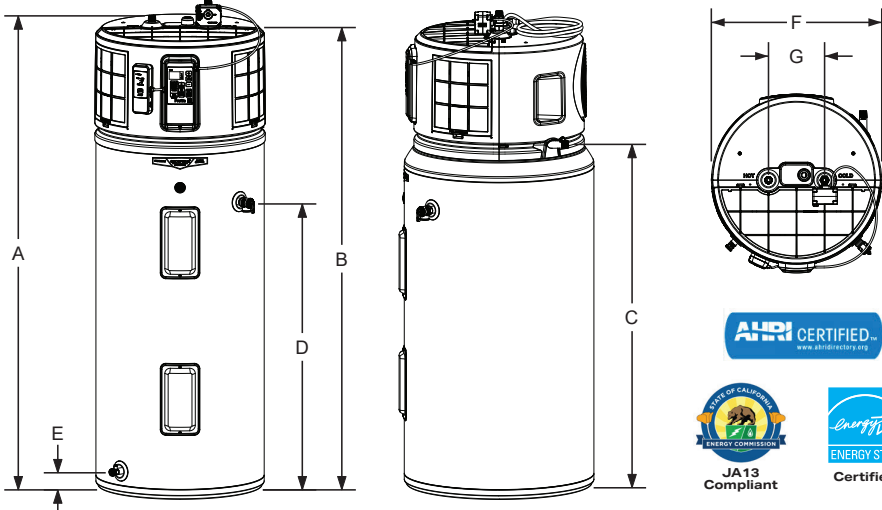
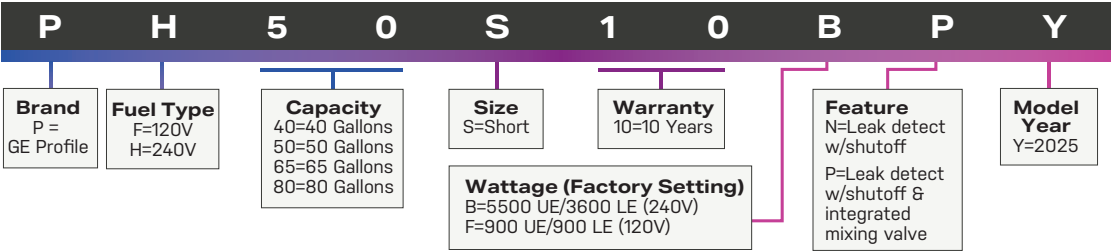
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GEOSPRING™ Tank Features



GEOSPRING™ Heat Pump Water Heaters - Specifications

												Dimensions in Inches Approx.								
												A	B	C	D	E	F	G		
	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	Height to top of pipe nipples (in)	Height to top of tank (in)	Height to condensate drain (in)	Height to T&P valve (in)	Height to drain valve (in)	Tank Diameter (in)	Distance between inlet and outlet (in)	Product Weight (lbs) est.	Shipping Weight (lbs) est.
40 Gallon	PF40S10FPY	40	40	46	3.1	900W / 120V 3600W / 240V	900W / 120V 3600W / 240V	120V / 240V	15A Shared/ 25A Dedicated	Yes	Yes	59 1/2	57 3/4	43 1/8	34	3 1/2	24	8	165	194
	PH40S10BPY	40	40	64	4.2	5500W	3600W	240V	30A Dedicated	Yes	Yes	59 1/2	57 3/4	43 1/8	34	3 1/2	24	8	165	194
50 Gallon	PF50S10FPY	50	50	59	3.2	900W / 120V 3600W / 240V	900W / 120V 3600W / 240V	120V / 240V	15A Shared/ 25A Dedicated	Yes	Yes	68 1/4	66 1/2	51 7/8	42 3/4	3 1/2	24	8	179	195
	PH50S10BNY	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
	PH50S10BPY	50	50	77	4.3	5500W	3600W	240V	30A Dedicated	Yes	Yes	68 1/4	66 1/2	51 7/8	42 3/4	3 1/2	24	8	179	195
65 Gallon	PF65S10FPY	65	65	77	3.4	900W / 120V 3600W / 240V	900W / 120V 3600W / 240V	120V / 240V	15A Shared/ 25A Dedicated	Yes	Yes	67 1/8	65 1/4	50 5/8	41 1/4	3 1/2	27	8	269	293
	PH65S10BNY	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
	PH65S10BPY	65	65	87	4.3	5500W	3600W	240V	30A Dedicated	Yes	Yes	67 1/8	65 1/4	50 5/8	41 1/4	3 1/2	27	8	269	293
80 Gallon	PF80S10FPY	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
	PH80S10BNY	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
	PH80S10BPY	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



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:

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