



GEOSPRING™

Smart Hybrid Heat Pump Water Heater



Converts ambient air



Heats water hotter

KEY FEATURES

Heat Pump Power

Heat pump technology converts ambient air into water-heating power, offering up to 4.7x more efficiency than standard models.*

FlexCAPACITY

FlexCAPACITY offers an electronic integrated mixing valve that heats water hotter and precisely mixes it with cold water at the point of exit, providing better performance and up to 60% more hot water for homeowners.**

Total Control with SmartHQ™

Embedded Wi-Fi gives homeowners total control over their water heater settings and keeps the product up-to-date with automatic software and feature updates.

Wireless Leak Detection with Automatic Water Shutoff

Exclusive wireless leak detection technology that sends alerts via the SmartHQ™ Home app means homeowners can place their water heater anywhere and still have peace of mind. Each unit comes equipped with one leak detection sensor with the option to add up to two more sensors for enhanced protection.

Variable Speed Compressor

Equipped with a Variable Speed Compressor that adjusts its speed based on environmental factors, ensures optimal performance and energy efficiency even in cold climates. Unlike similar units that operate at only one speed, GEOSPRING continuously monitors water temperature to provide you with consistent hot water.

Sensing Anode Rod

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

Quiet Operation 41dBA

Operates quietly with a low noise level of just 41 dBA, ensuring a peaceful home environment.

Easy to Service

Unlike other models, the GEOSPRING is designed to be serviceable, reducing waste and minimizing the number of units that end up in landfills. Featuring easy access ports for refrigerant service and all components on the top of the unit are designed to be replaceable. Plus, the top cover opens from the front for convenient access during maintenance.

Flexible & Easy Install

Compatible with standard 120V 15A shared, or dedicated 240V 20A or 30A breakers. The 120V models can plug into standard outlets and are field convertible to 240V. GEOSPRING™ units come equipped with integrated pocket handles and pre-installed wire connectors aid with installation. Plus, an optional ducting kit is available.

ADDITIONAL FEATURES

10-Year Tank and Parts Limited Warranty

120V and 240V options available

40/50-gallon models at initial launch and 65/80-gallon models to follow

5 mode options: Heat pump mode, Hybrid mode, High demand mode, Electric mode, Vacation mode

EcoPort: Built-in demand response capabilities to optimize home energy usage when rates are the lowest



* Based on UEF vs. traditional standard electric tank water heaters

** Vs. comparable water heaters without mixing valve at 120°F and 58°F water temperature



Profile™

GEOSPRING™

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SPECIFICATION DETAILS

								Dimensions in Inches Approx.										
								A	B	C	D	E	F	G				
Model Number	Nominal Capacity (Gallons)	Rated Storage	First Hour Rating (Gallon) Est.	Uniform Energy Factor Min. Est.	Element Wattage Upper 120V / 240V	Element Wattage Lower 120V / 240V	Brass Drain 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)	Power Supply	Breaker Size	Product Weight (lbs) est.	Shipping Weight (lbs) est.
PF40S10FPY	40	40	46"	3.1'	900W / 120V 3600W / 240V	900W / 120V 3600W / 240V	Yes	59-1/2	57-3/4	43-1/8	34	3-1/2	24	8	120V / 240V	15A Shared / 20A Dedicated	155	165
PH40S10BPY	40	40	64"	4.2'	5500W	3600W	Yes	59-1/2	57-3/4	43-1/8	34	3-1/2	24	8	240V	30A Dedicated	155	165
PF50S10FPY	50	50	59"	3.2'	900W / 120V 3600W / 240V	900W / 120V 3600W / 240V	Yes	68-1/4	66-1/2	51-7/8	42-3/4	3-1/2	24	8	120V / 240V	15A Shared / 20A Dedicated	169	179
PH50S10BNY	50	50	75"	4.5'	5500W	3600W	Yes	68-1/4	66-1/2	51-7/8	42-3/4	3-1/2	24	8	240V	30A Dedicated	167	177
PH50S10BPY	50	50	77"	4.3'	5500W	3600W	Yes	68-1/4	66-1/2	51-7/8	42-3/4	3-1/2	24	8	240V	30A Dedicated	169	179

* Based on testing of pre-production, design-intent units using the DOE test procedure.

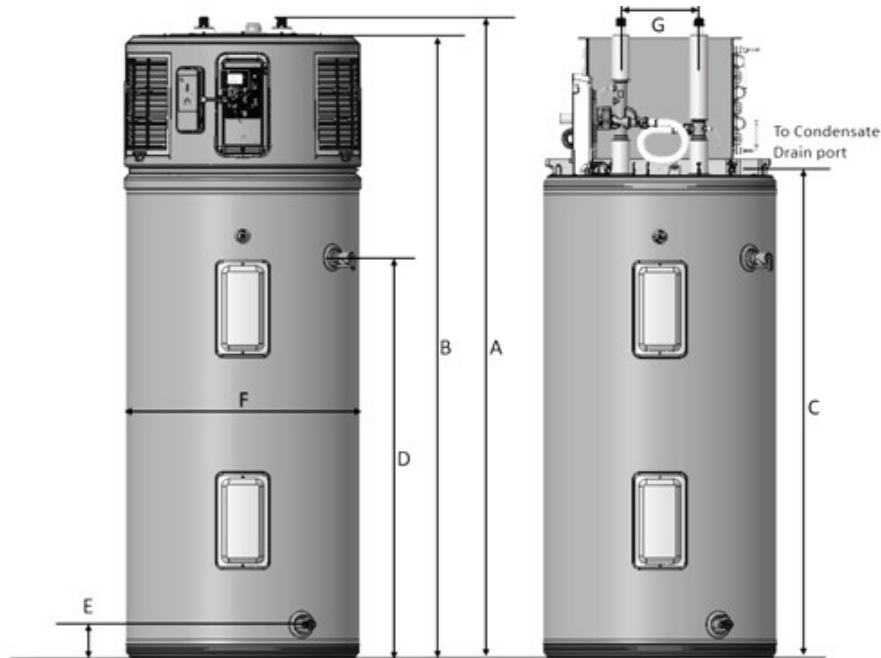
The data presented in this document is preliminary and subject to change.

Height to top of the leak detection shut off valve is not accounted for on this table and will be added to the dimensions section of this table.

Water connections are 3/4".

Dimensions and specifications are subject to change without notice.

All models feature a brass drain valve.



Illustrations are intended for dimensional reference only.
Refer to photograph for actual product appearance



Scan here to learn more about the full line of water heater solutions

Visit geappliances.com for more details.



Certified to NSF/ANSI 372
See http://info.nsf.org/Certified/Lead_Content/ for specific model listing



Listed by Underwriters Laboratories

For technical information call 1-866-327-0832. GE Appliances reserves the right to make product changes or improvements without prior notice.