

# Reliance® Water Heater Buying Guide



- Approved for installation in manufactured housing
- Standard-Vent and Direct-Vent gas models, field convertible for natural or propane gas installation
- Side taps for easy installation
- 6-year tank and parts limited warranty, 1-year limited labor warranty

Gas and Electric



- Provides hot water for low demand and limited space
- Easy installation under sink or counters
- Tanks are wall mountable
- Point-of-Use Mini 6-year tank and parts limited warranty on Point-of-Use, 6-year tank and parts limited warranty on Compact

Compact Electric



- Single-pipe concentric venting and intake of combustion air from outdoors
- Can be installed up to 4 feet from outside wall, with no electric power
- First Hour Ratings up to 77 gallons
- 6-year tank and parts limited warranty, 1-year limited labor warranty

Sidewall Gas



- Sidewall venting up to 180 feet
- First Hour Ratings up to 124 gallons
- Advanced diagnostic gas control
- 6-year tank and parts limited warranty, 1-year limited labor warranty

Venting Gas



- Unique design captures escaping hot combustion gases to heat stored water longer
- Available in 40- and 50-gallon nominal capacity models
- Advanced electronic gas control valve assures tighter temperature control
- First Hour Ratings up to 84 gallons
- 6-year tank and parts limited warranty, 1-year limited labor warranty

Flue Damper Gas



- Available in 10- or 6-year tank and parts limited warranty, 1-year limited labor warranty
- 50, 66 and 80-gallon models available\*
- Reduce water heating costs over 75%, saving more than \$600 per year\*\*
- Leak detection immediately alerts you of a leak
- Optional automatic shut off valve shuts off water supply when a leak is detected
- Qualifies for many state and local utility rebates
- Easy-to-Use advanced control system with LED display

10- and 6-Year Hybrid Electric Heat Pump



- Gas First Hour Ratings up to 170 gallons
- 74 and 100 gallon gas models deliver highest available hot water outputs
- Electric First Hour Ratings up to 62 gallons
- 6-year tank and parts limited warranty, 1-year limited labor warranty

Gas and Electric



- Gas First Hour Ratings up to 81 gallons
- Electric First Hour Ratings up to 67 gallons
- Self-cleaning design
- Electric features Leak Detection and Electronic User Interface
- 9-year tank and parts limited warranty, 1-year limited labor warranty

9-Year, Self-Cleaning Gas and Electric



- Gas First Hour Ratings up to 89 gallons
- Electric First Hour Ratings up to 67 gallons
- Self-cleaning design
- Electric features Leak Detection, Auto Water Shut Off Valve and Electronic User Interface
- 12-year tank and parts limited warranty, 1-year limited labor warranty

12-Year, Self-Cleaning Gas and Electric



## SELECTION GUIDE

Buying a new water heater is a big decision. Let us make it easy.

Installing it yourself? Make sure you've got the right parts.

If you're a "Do-It-Yourself" water heater installer, ask your Reliance dealer about installation parts and kits to make sure you leave the store with everything you need.



Your neighborhood water heater source.



www.RelianceWaterHeaters.com

500 Tennessee Waltz Parkway  
Ashland City, Tennessee 37015

Customer Assistance,  
Technical Support  
and Retailer Information:  
1-800-365-4054

Parts Orders:  
1-800-821-2017  
1-800-644-9306 (fax)

Reliance® Water Heaters reserves the right to make product changes or improvements without prior notice. Dimensions, specifications and appearance subject to change without notice in accordance with our policy of continuous product improvement. Some models may not be available in all markets.

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Your water heater is probably your most vital appliance. Your family depends on hot water throughout the day, with at least one "peak demand" period when you need maximum hot water output.

When buying a new water heater, choosing a model that makes sure you'll always have enough hot water is your top priority. This Water Heater Buying Guide will help you make that choice.

**First things first...** Before you can select your new water heater, here's what you should know about your current water heater when you visit your Reliance® dealer:

- **Is your water heater natural gas, propane gas or electric?**
- **Do you need a water heater certified for mobile home installation?**  
If so, you must purchase a HUD-approved Reliance Mobile Home model for either gas (natural or LP) or electric.
- **What are the dimensions of your water heater?**  
For the height, measure from floor to top of water heater. For the diameter, measure across the top of the water heater. New water heaters may have different dimensions than your current one, please talk with a sales associate before purchasing.

**Next, size up your First Hour Rating target.**

A water heater's First Hour Rating tells you how much hot water you will get during your family's peak demand periods. Your number one concern should be to buy a Reliance water heater with a First Hour Rating that can handle your home's demand.

Use this chart to find your minimum First Hour Rating requirement.

Number of Bedrooms in Your Home	Recommended Tank Capacity (Gallons)	Minimum First Hour Rating (FHR) (Number of Bathrooms in Your Home)		
		1 to 1.5	2 to 2.5	3 to 3.5
6*	50*			74
5	50		74	74
4	50		62	74
3	40	49	62	62
2	40	49	49	
1	30	38		

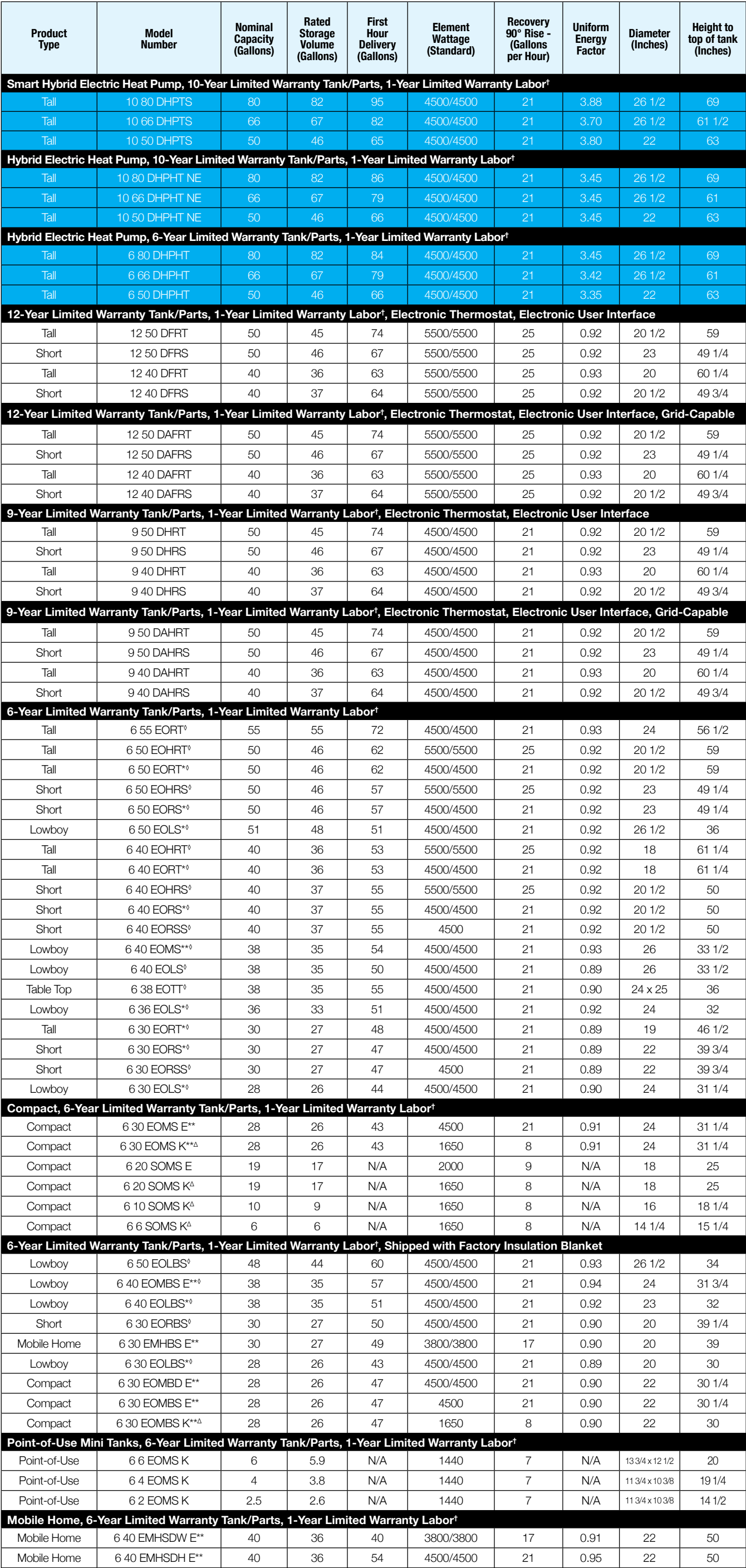
\*Gas: For homes with 6 or more bedrooms and/or large garden tubs or multiple head showers, multiple units or high-efficiency condensing design units may be required.

\*Electric: For homes with 6 or more bedrooms and/or large garden tubs or multiple head showers, multiple units or large volume hybrid electric heat pump units may be required.

The chart provides the minimum First Hour Rating requirement based on the number of bedrooms and bathrooms in the home, taking an automatic dishwasher and clothes washing machine into account. Select the Reliance gas or electric water heater that will fit into the available installation location and that will provide the recommended First Hour Rating requirement.

The following factors should make you consider selecting a larger or higher-input water heater:

1. If someone is running out of hot water in the household it could be due to items such as oversized or jetted tubs, using multiple consecutive showers or several large loads of laundry.
2. An oversized whirlpool bath or large bathtub. As a rule of thumb, the water heater tank capacity should be at least 2/3 that of the bathtub. (Example: 75-gallon tub/50-gallon water heater.)



Uniform Energy Factor and First Hour ratings shown for Hybrid Electric Heat Pump units are based on operation in the Hybrid mode. Recovery Ratings shown for Hybrid Electric Heat Pump units are based on back up heating element performance. All Hybrid Electric Heat Pump units are rated for both 208 VAC and 240 VAC single phase power supply.



Product Type	Model Number	Nominal Capacity (Gallons)	Rated Storage Volume (Gallons)	First Hour Delivery (Gallons)	Natural Gas† BTU Input	Recovery 90° Rise - (Gallons per Hour)	Uniform Energy Factor	Diameter (Inches)	Height to Vent Connection (Inches)
High Efficiency, 6-Year Limited Warranty Tank/Parts, 1-Year Limited Warranty Labor† (Not for Mobile Home Use)									
Flue Damper Tall	6 50 GBFT	50	48	84	40,000	42	0.69	22	63 1/2
Flue Damper Tall	6 40 GBFT	40	38	70	40,000	42	0.64	20	64 1/4
Flue Damper Short	6 40 GBFS	40	38	65	40,000	42	0.66	22	54
12-Year Limited Warranty Tank/Parts, 1-Year Limited Warranty Labor†, Standard Vent (Not for Mobile Home Use)									
Tall	12 50 NOCT*	50	48	89	50,000	51	0.61	22	60 3/4
Tall	12 50 NACT	50	48	84	40,000	41	0.62	22	60 3/4
Tall	12 40 NACT	40	38	80	40,000	42	0.64	20	61 3/4
Short	12 40 NACS*	40	38	67	40,000	41	0.59	22	51 1/2
9-Year Limited Warranty Tank/Parts, 1-Year Limited Warranty Labor†, Electronic Thermostat									
Tall	9 50 NKRT	50	48	81	40,000	41	0.62	21	60 3/4
Tall	9 40 NKCT	40	38	80	40,000	42	0.64	20	61 3/4
Short	9 40 NKCS	40	38	67	40,000	41	0.59	22	51 1/2
6-Year Limited Warranty Tank/Parts, 1-Year Limited Warranty Labor†, Electronic Thermostat									
Tall	6 100 XRRT	98	95	170	75,100	81	0.58	27 3/4	68 1/2
Short	6 75 XRRS	74	71	125	75,100	81	0.60	26 1/2	61
Tall	6 50 NBRT	50	48	81	40,000	41	0.62	21	60 3/4
Short	6 50 NBCS	50	50	81	40,000	43	0.62	24	53 1/4
Tall	6 40 NBCT*	40	38	80	40,000	42	0.64	20	61 3/4
Tall	6 40 NOCT	40	38	65	35,500	38	0.59	20	61 3/4
Short	6 40 NBCS	40	38	67	40,000	41	0.58	22	51 1/2
Tall	6 30 NOCTR	30	29	62	32,000	36	0.60	18	60 1/2
Short	6 30 NOCSR	30	29	55	32,000	32	0.60	20	50 1/4
6-Year Limited Warranty Tank/Parts, 1-Year Limited Warranty Labor† Shipped with Factory Insulation Blanket									
Tall	6 40 NBRBT	40	38	78	40,000	41	0.65	18	62
Short	6 40 NBRBS	40	38	68	40,000	41	0.57	20	51 1/2
Tall	6 30 NORBTR	30	29	62	32,000	32	0.60	16	60 1/2
Short	6 30 NORBSR	30	29	65	32,000	32	0.60	18	50 1/4
3-Year Limited Warranty Tank/Parts, 1-Year Limited Warranty Labor† Electronic Thermostat									
Tall	3 40 NOCT*	40	38	65	35,500	38	0.59	20	61 3/4
Power-Vent, 6-Year Limited Warranty Tank/Parts, 1-Year Limited Warranty Labor†									
Power-Vent Tall	6 50 YRVIT	50	48	97	50,000	56	0.72	22	68 1/8
Power-Vent Short	6 50 YBVIS	50	49	79	40,000	45	0.72	24	60 1/8
Power-Vent Tall	6 40 YRVIT	40	38	87	50,000	56	0.70	20	68 1/2
Power-Vent Short	6 40 YBVIS	40	38	73	40,000	45	0.67	22	59
Power-Vent Tall	6 75 YRVHTL	75	72	116	76,000	84	0.69	26	70 5/8
Power-Vent Tall	6 50 YTVIT*	50	48	124	76,000	96	0.88	22	71 1/8
Direct-Vent, 6-Year Limited Warranty Tank/Parts, 1-Year Limited Warranty Labor† (Not for Mobile Home Use)									
Direct-Vent Short	6 50 YBDS	50	48	77	40,000	43	0.66	22	73 1/2
Direct-Vent Short	6 40 YBDS	40	39	64	38,000	41	0.60	22	65 1/4
Mobile Home Standard-Vent w/ Convertible Control for Natural or Propane Gas, 6-Year Limited Warranty Tank/Parts, 1-Year Limited Warranty Labor†									
Mobile Home Tall	6 40 NOMT	40	38	59	35,500	36	0.58	20	61 3/4
Mobile Home Tall	6 30 NOMT	30	29	63	35,500	36	0.61	18	61 1/2
Mobile Home Direct-Vent w/ Convertible Control for Natural or Propane Gas, 6-Year Limited Warranty Tank/Parts, 1-Year Limited Warranty Labor†									
Mobile Home Tall	6 40 MDV	40	38	57	32,000	33	0.59	20	58 3/4
Mobile Home Tall	6 30 MDV	30	29	60	30,000	31	0.61	18	58
Ultra Low NOx (Not for Mobile Home Use), 6, 9 and 12-Year Limited Warranty Tank/Parts, 1-Year Limited Warranty Labor†									
Power-Vent Tall	6 50 UBVIT*	50	48	71	42,000	45	0.65	22	65 5/8
Power-Vent Tall	6 40 UBVIT*	40	38	76	42,000	45	0.70	20	66 7/8
Flue Damper Tall	6 50 UNBFT*	50	48	83	40,000	43	0.70	22	63 1/2
Flue Damper Tall	6 40 UNBFT*	40	38	68	40,000	43	0.65	20	64 1/4
Short	6 75 URRS*	74	71	102	75,100	81	0.64	25 1/4	62 1/8
Tall	12 50 UNACT*	50	48	84	40,000	42	0.64	22	60 3/4
Tall	12 40 UNACT*	40	38	83	40,000	42	0.64	20	62
Tall	9 50 UNKRT*	50	48	84	40,000	43	0.61	20	60 3/4
Tall	9 50 UNKCT*	50	48	84	40,000	42	0.64	22	60 3/4
Tall	9 40 UNKCT*	40	38	83	40,000	42	0.64	20	62
Tall	9 40 UNKRT*	40	38	83	40,000	43	0.64	18	62
Tall	6 50 UNBRT*	50	48	84	40,000	43	0.61	20	60 3/4
Tall	6 50 UNBCT*	50	48	84	40,000	43	0.64	22	60 3/4
Tall	6 40 UNBRT*	40	38	83	40,000	43	0.64	18	62
Tall	6 40 UNBCT*	40	38	83	40,000	42	0.64	20	62
Short	6 40 UNBCS*	40	38	72	40,000	41	0.57	22	51 1/2
Tall	6 30 UNORT*	30	29	62	33,000	36	0.59	16	61 3/4

6 75 YRVHTL and 6 75 HRVHTL Power Vent models are factory equipped with side taps for space heating applications where plumbing codes allow.

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