



Tankless Gas Water Heaters. Continuous Hot Water.\* Endless Innovation.

Trust “Your Neighborhood Water Heater Source” to give you more choices in tankless water heating. The comprehensive line of Reliance tankless gas water heaters supplies continuous hot water at preset temperatures. Condensing models are ENERGY STAR® qualified.

With higher efficiency ratings and groundbreaking designs, our tankless products are part of a new era in water heating.

\*Reliance tankless water heaters provide continuous hot water when sized appropriately for your home’s needs.

Things to Consider Before Purchasing a Tankless Water Heater

Tankless water heaters have special installation requirements.

- 1. Gas Supply - a 3/4” or larger gas supply pipe is required except for the TS-140-GIH and TS-140-GEH which run off a 1/2” gas line
- 2. Venting - Condensing models use 3” or 4” Schedule 40 PVC (solid core). Non-condensing indoor models require Category III stainless steel venting purchased separately.
- 3. Gas Meter and/or Regulator - must have enough capacity to supply all gas appliances in the home.
- 4. Isolation Valves - make required periodic maintenance easier.

Reliance has many other high efficiency water heating options available. One of these may be a better choice for your application.

Peak Hot Water Demand

The next step is to determine how much hot water will be required during the busiest usage period (“peak demand”). To use the chart, 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”).



TANKLESS GAS  
WATER HEATERS

Your neighborhood water heater source.



www.RelianceWaterHeaters.com

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Reliance Water Heater Company reserves the right to make product changes or improvements without prior notice. Dimensions in all charts shown in inches. Dimensions and specifications 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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Non-Condensing Residential/  
Light Duty Commercial Gas, Low NOx

- Category III stainless steel venting is required for indoor models
- Indoor models include remote control and power cord standard
- Outdoor models include remote control as a standard feature
- Commercial Grade Copper Heat Exchanger (510 models only)
- Easy-Link up to 4 units (510 models only)
- 15-Year limited warranty heat exchanger residential
- 5-Year limited warranty parts

Altitude Range: 0-6,000 Feet Above Sea Level

Model Number	Type	BTU Input Natural/Propane		Uniform Energy Factor (U.E.F.)		Estimated Yearly Energy Cost		Hot Water Output (GPM)		
		Minimum	Maximum	Natural	Propane	Natural	Propane	Maximum	45°F Rise	70°F Rise
TS-110-GI	Indoor	19,500	140,000	0.79	0.79	\$157	\$372	6.6	5.2	3.3
TS-310-GI	Indoor	11,000	190,000	0.80	0.80	\$236	\$560	8.0	7.0	4.5
TS-510-GI+	Indoor	11,000	199,000	0.80	0.80	\$236	\$560	10.0	7.3	4.7
TS-110-GE	Outdoor	19,500	140,000	0.79	0.79	\$157	\$372	6.6	5.2	3.3
TS-310-GE	Outdoor	11,000	190,000	0.80	0.80	\$236	\$560	8.0	7.0	4.5
TS-510-GE+	Outdoor	11,000	199,000	0.80	0.80	\$236	\$560	10.0	7.3	4.7

For propane, change G to L in the model number when ordering. Example: TS-110-GI would become TS-110-LI.  
+ Can be installed in light-duty commercial applications. Includes remote control and can connect up to 4 units.



Non-Condensing Residential/  
Light Duty Commercial Gas Ultra Low NOx

- Quick natural gas to propane field convertibility (kit included with heater)
- 15-Year limited warranty on heat exchanger, 5-Year limited warranty on all parts

Altitude Range: Indoor Models: 0-10,100 Feet Above Sea Level, Outdoor Models: 0-6,000 Feet Above Sea Level

Model Number	Type	BTU Input Natural/Propane		Uniform Energy Factor (U.E.F.)		Estimated Yearly Energy Cost		Hot Water Output (GPM)		
		Minimum	Maximum	Natural	Propane	Natural	Propane	Maximum	45°F Rise	70°F Rise
TS-110-UI*	Indoor	15,000	140,000	0.81	0.81	\$152	\$362	6.6	5.2	3.3
TS-310-UI*	Indoor	15,000	190,000	0.82	0.82	\$228	\$546	8.0	7.0	4.5
TS-510-UI*	Indoor	15,000	199,000	0.82	0.82	\$229	\$546	10.0	7.3	4.7
TS-110-UE*	Outdoor	15,000	140,000	0.81	0.81	\$151	\$362	6.6	5.2	3.3
TS-310-UE*	Outdoor	15,000	190,000	0.82	0.82	\$227	\$545	8.0	7.0	4.5
TS-510-UE*	Outdoor	15,000	199,000	0.81	0.81	\$231	\$552	10.0	7.3	4.7

\* Field convertible natural gas to propane. Factory configured for natural gas, ships with propane conversion kit.  
Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement.



Condensing Residential/  
Light Duty Commercial Gas, Ultra Low NOx

- Condensing technology provides significant energy cost savings
- Indoor models feature a built-in temp controller and diagnostics
- Outdoor models include temperature remote control
- Power direct vent design
- Complies with low lead plumbing laws
- Commercial Grade Copper Primary Heat Exchanger
- Easy-Link up to 4 units and multi-link up to 20 units (540 models only)
- 15-Year limited warranty heat exchanger residential
- 5-Year limited warranty parts

Suitable for High Altitude Areas. Altitude Range: 0-10,100 Feet Above Sea Level

Model Number	Type	BTU Input Natural/Propane		Uniform Energy Factor (U.E.F.)		Estimated Yearly Energy Cost		Hot Water Output (GPM)		
		Minimum	Maximum	Natural	Propane	Natural	Propane	Maximum	45°F Rise	70°F Rise
TS-140-GIH	Indoor	15,000/15,000	120,000	0.90	0.90	\$136	\$326	6.6	5.0	3.2
TS-240-GIH	Indoor	15,000/13,000	160,000	0.94	0.94	\$199	\$476	6.6	6.6	4.3
TS-340-GIH	Indoor	15,000/13,000	180,000	0.95	0.95	\$197	\$471	8.0	7.6	4.9
TS-540-GIH	Indoor	15,000/13,000	199,000	0.93	0.93	\$202	\$482	10.0	8.4	5.4
TS-540P-GIH†	Indoor	15,000/13,000	199,000	0.93	0.93	\$202	\$482	10.0	8.4	5.4
TS-140-GEH	Outdoor	15,000/15,000	120,000	0.91	0.91	\$135	\$322	6.6	5.0	3.2
TS-240-GEH	Outdoor	15,000/13,000	160,000	0.95	0.95	\$196	\$471	6.6	6.6	4.3
TS-340-GEH	Outdoor	15,000/13,000	180,000	0.94	0.94	\$198	\$476	8.0	7.6	4.9
TS-540-GEH	Outdoor	15,000/13,000	199,000	0.95	0.95	\$197	\$471	10.0	8.4	5.4
TS-540P-GEH†	Outdoor	15,000/13,000	199,000	0.95	0.95	\$197	\$471	10.0	8.4	5.4

For propane, change G to L in the model number when ordering. Example: TS-140-GIH would become TS-140-LIH.  
† These models are equipped with a factory-installed hot water recirculation loop pump.



Concentric Vent, Non-Condensing Residential/  
Light Duty Commercial Gas, Ultra Low NOx

- Quick natural gas to propane field convertibility (kit included with heater)
- 15-Year limited warranty on heat exchanger, 5-Year limited warranty on all parts
- Contractor-preferred concentric venting

Suitable for High Altitude Areas. Altitude Range: 0-10,100 Feet Above Sea Level

Model Number	Type	BTU Input Natural/Propane		Uniform Energy Factor (U.E.F.)		Estimated Yearly Energy Cost		Hot Water Output (GPM)		
		Minimum	Maximum	Natural	Propane	Natural	Propane	Maximum	45°F Rise	70°F Rise
TS-110C-GI*	Indoor	15,000	140,000	0.79	0.79	\$154	\$371	6.6	4.9	3.1
TS-310C-GI*	Indoor	15,000	190,000	0.82	0.82	\$227	\$545	8.0	6.9	4.4
TS-510C-GI*	Indoor	15,000	199,000	0.81	0.81	\$230	\$552	10.0	7.1	4.5

\* Field convertible natural gas to propane. Factory configured for natural gas, ships with propane conversion kit.  
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