

Product Catalog







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Choosing the Right Water Heater

Reliance® offers over 100 gas and electric choices, because choosing a water heater is definitely not a "one size fits all" process. Your top priority is to choose a model that makes sure you'll always have enough hot water, by matching up with the right First Hour Rating (see chart below). But first, here are a few basic questions to start with to make sure you get the right type of water heater, and a unit that will fit in the space occupied by the current unit.

- Is the water heater natural gas, propane gas, or electric?
- Is the water heater for a mobile home? If so, you should select a Reliance Mobile Home model (pages 7 and 16).
- What is the height available for installation, measuring from the floor to the closest permanent obstruction above the water heater?
- What is the minimum width for the installation location?

Next, determine the First Hour Rating target using the charts below.

ELECTRIC

Family	Recommended Tank Capacity	MINIMUM FIRST HOUR RATING (Based on Number of Bathrooms)						
Size	(Gallons)	3 to 3.5	2 to 2.5	1 to 1.5				
5+	*See below	80 Gallon	80 Gallon					
4-5	50	67 Gallon	67 Gallon					
3-4	50	67 Gallon	67 Gallon	54 Gallon				
2-3	40		54 Gallon	54 Gallon				
1-2	30			42 Gallon				

GAS

Family Size	Recommended Tank Capacity (Gallons)		RATING hrooms) 1 to 1.5	
5+	**See below	80 Gallon	80 Gallon	
4-5	40 or 50	67 Gallon	67 Gallon	
3-4	40	67 Gallon	67 Gallon	54 Gallon
2-3	40		54 Gallon	54 Gallon
1-2	30			42 Gallon

These are minimum requirements. To handle high usage factors, you should increase the First Hour Rating target as follows:

- Add 10 gallons for an oversized bathtub or whirlpool
- Add 10 gallons for every teenager living in the home.

*Requires multiple units or hybrid electric heat pump type design. **Requires multiple units or high-efficiency condensing water heater type design. Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement.





The Electric Heat Pump Water Heater uses an innovative design that extracts heat in even the most extreme climates.

- 50-, 66-, and 80-gallon models deliver First Hour Ratings up to 95 gallons
- ENERGY STAR® qualified for many state and local utility rebates
- Super quiet operation 51 dBA versus competitive models
- Dry Fire Protection prevents heating element failure if energized without water in the tank
- Easy-to-use Electronic User Interface featuring LCD display
- Four Operating Modes:
 - Efficiency (heat pump only)
 - Hybrid (heat pump plus electric)
 - Electric (conventional electric operation)
 - Vacation
- Rated for both 208 VAC and 240 VAC single phase power supply

*10 80 DHPHT in Hybrid Mode





Hybrid Electric Heat Pump 10- or 6-Year Limited Warranty Tank/Parts, 1-Year Limited Warranty Labor[†]

Туре	Model Number	Tank Size Gallons	First Hour Rating	Electric Input Watts/ Hour	Recovery 90° Rise - Gallons/ Hour	Energy Factor	Height	Diameter
Tall	10 50 DHPHT	50	70	4500	21	3.24	63"	22"
Tall	10 66 DHPHT	66	80	4500	21	3.17	61"	26 1/2"
Tall	10 80 DHPHT	80	95	4500	21	3.06	69"	26 1/2"
Tall	6 50 DHPST	50	68	4500	21	2.75	63"	22"
Tall	6 66 DHPST	66	81	4500	21	2.74	61"	26 1/2"
Tall	6 80 DHPST	80	91	4500	21	2.72	69"	26 1/2"

† For complete information consult written warranty

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. 10-Year Warranty Hybrid Electric Heat Pump units are rated for both 208 VAC and 240 VAC single phase power supply. 6-Year Warranty Hybrid Electric Heat Pump units are rated for 240 VAC single phase power supply.

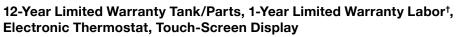
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The 12-Year Self-Cleaning Electric offers the best features available in a premium electric water heater.

- Available in 40- and 50-gallons, First Hour Ratings up to 79 gallons
- Touch Screen Electronic User Interface, easily set temperature, operating modes and safety lock feature
- Electronic Thermostat more precise, superior to conventional electromechanical thermostat by having no mechanical parts to wear out
- Self-cleaning PEX dip tube maintains efficiency, reduces maintenance
- Heavy-duty dual anode rods, extra protection against corrosion
- Dry Fire Protection prevents heating element failure if energized without water in the tank
- Dual Premium 5500 Watt Incoloy Heating Elements
- Factory-Installed Temperature & Pressure (T&P) Relief Valve



Product Type	Model Number	Tank Size Gallons	First Hour Rating	Electric Input Watts/ Hour	Recovery 90° Rise - Gallons/ Hour	Energy Factor	Height	Diameter
Medium	12 40 EARS	40	56	5500	25	.95	50"	22"
Medium	12 50 EARS	50	58	5500	25	.95	49 3/4"	24"
Tall	12 40 EART	40	61	5500	25	.95	60 1/4"	20"
Tall	12 50 EART*	50	79	5500	25	.95	60 1/2"	22"

[†]For complete information consult written warranty

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The 9-Year Self-Cleaning Electric offers many features not found in other mid-level electric water heaters.

- Available in 40- and 50-gallons, First Hour Ratings up to 69 gallons
- Electronic Thermostat superior to conventional electromechanical thermostat by having no mechanical parts to wear out
- Self-cleaning PEX dip tube maintains efficiency, reduces maintenance
- Heavy-duty anode rod protects against corrosion
- Dry Fire Protection prevents heating element failure if energized without water in the tank
- Dual Premium 4500 Watt Incoloy Heating Elements
- Factory-Installed Temperature & Pressure (T&P) Relief Valve



9-Year Limited Warranty Tank/Parts, 1-Year Limited Warranty Labor[†], Electronic Thermostat

Product Type	Model Number	Tank Size Gallons	First Hour Rating	Electric Input Watts/ Hour	Recovery 90° Rise - Gallons/ Hour	Energy Factor	Height	Diameter
Medium	9 40 EKRS	40	53	4500	21	.95	50"	22"
Tall	9 40 EKRT	40	54	4500	21	.95	60 1/4"	20"
Medium	9 50 EKRS	50	53	4500	21	.95	49 3/4"	24"
Tall	9 50 EKRT	50	69	4500	21	.95	60 1/2"	22"

[†]For complete information consult written warranty

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^{*} Single heavy-duty Magnesium anode rod.





The 6-Year Electric family contains the broadest selection of models, one for any application.

- Available in 20- to 50-gallons, First Hour Ratings up to 71 gallons
- Tall, Medium, Lowboy, and Table Top choices to meet a wide variety of installation space requirements
- Automatic Thermostat
- Glass-lined tank with anode rod protects against corrosion
- 4500 Watt standard watt density heating elements
- Factory-Installed Temperature & Pressure (T&P) Relief Valve

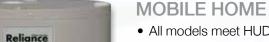


6-Year Limited Warranty Tank/Parts, 1-Year Limited Warranty Labor[†], **Mechanical Thermostat**

Product Type	Model Number	Tank Size Gallons	First Hour Rating	Electric Input Watts/ Hour	Recovery 90° Rise - Gallons/ Hour	Energy Factor	Height	Diameter			
LB	6 20 EOLS	19/12	N/A	4500	21	N/A	30"	20"			
LB	6 30 EOLS	28	43	4500	21	.95	31 1/4"	24"			
Med.	6 30 EORS	30	49	4500	21	.95	39 3/4"	22"			
Tall	6 30 EORT	30	47	4500	21	.95	46 1/2"	19"			
LB	6 40 EOMS	38	44	4500	21	.95	33 1/2"	26"			
П	6 38 EOTT	38	45	4500	21	.88	36"	24 x 25"			
LB	6 40 EOLS	38	44	4500	21	.95	33 1/2"	26"			
Med.	6 40 EORS	40	55	4500	21	.95	50"	20 1/2"			
Tall	6 40 EORT	40	51	4500	21	.95	60 1/4"	20"			
Med.	6 50 EORS	50	62	4500	21	.95	49 3/4"	23"			
Tall	6 50 EORT	50	71	4500	21	.95	60 1/2"	22"			
LB	6 30 EOLBS ⁰	28	40	4500	21	.95	30"	22"			
Med.	6 30 EORBS ⁰	30	48	4500	21	.95	39 3/4"	20"			
Tall	6 50 EORBT⁰	50	70	4500	21	.95	60 1/4"	21"			
LB	6 40 EOLBS ^{◊◆}	38	46	4500	21	.95	31 3/4"	24"			
LB	6 40 EOMBS ^{◊■}	38	47	4500	21	.95	31 3/4"	24			
LB	6 50 EOLBS ^{◊◆}	48	57	4500	21	.95	34	26 1/2"			



The Specialty Electric group contains Mobile Home, Compact, and Point-of-Use models.



- All models meet HUD requirements for manufactured housing/mobile home installation
- Side-mounted cold water inlet and hot water outlet for easy installation
- 6-year tank and parts limited warranty

Reliance

- Glass-lined tank with anode rod protects against corrosion
- Factory-Installed Temperature & Pressure (T&P) Relief Valve



- Ideal for under-counter or crawl space installation
- Inlet and outlet connections on side for easier installation in tight spaces; optional top connection points
- All models 120 volt unless specified otherwise; 1 heating element 2 elements available on 30-gallon models
- 6-year tank and parts limited warranty
- Glass-lined tank with anode rod protects against corrosion
- Factory-Installed Temperature & Pressure (T&P) Relief Valve



- For low-demand point-of-use applications, such as a handwashing sink
- 6-year tank; 1-year parts warranty
- Stainless steel heating element
- 120 volt; standard plugged cord

	Product Type	Model Number	Tank Size Gallons	First Hour Rating	Electric Input Watts/ Hour	Recovery 90° Rise - Gallons/ Hour	Energy Factor	Height	Diameter
MOBILE HOME	MH	6 30 EMHBS⁰	30	44	3800	17	.95	39"	20"
	MH	6 40 EMHSD	40	51	3800	17	.95	50"	22"
COMPACT	С	6 6 SOMS K∆	6	N/A	1650	8	N/A	15 1/4"	14 1/4"
	С	6 10 SOMS K [∆]	10	N/A	1650	8	N/A	18 1/4"	16"
	С	6 20 SOMS K*△	19	N/A	1650	8	N/A	25"	18"
	С	6 30 EOMSS K**∆	28	39	1650	8	.95	31 1/4"	24"
	С	6 30 EOMBS K△◊	28	39	1650	8	.95	30"	22"
	С	6 30 EOMBS E [◊]	28	39	4500	21	.95	30"	22"
POINT-OF-USE	POU	6 2 SSUS K [∆]	2.5	N/A	1500	7	N/A	11"	13 3/4 x 13 3/4"

[♦] Shipped with Factory Insulation Blanket • Top water connections • Side water connections

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^{*} Compact models - change "K" to "E" for 240V/2000W element. ◊ Shipped with Factory Insulation Blanket

^{**} Models 6 30 EOMSS K and 6 30 EOMBS K - change "K" to "E" for 240V/4500W element. \(\Delta \text{Configured for 120V AC power.} \)

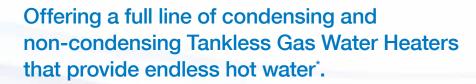
C = Compact MH = Mobile Home POU = Point of Use

For complete warranty information consult written warranty.

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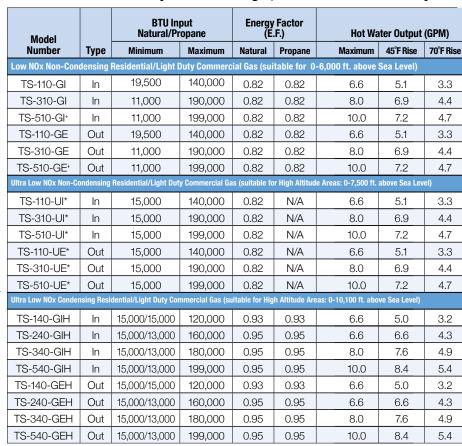


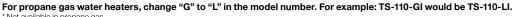


- Continuous hot water flow rates up to 10 GPM
- All models include internal freeze protection and multiple safety features
- 15-year warranty on heat exchanger, 5-year warranty on all parts
- Condensing models are ENERGY STAR® qualified
- Indoor models include a power cord and remote control
- Outdoor models include a remote control

*Reliance® Tankless Water Heaters provide endless hot water when sized appropriately for the home's needs.







Concentric Direct Vent Kits for Indoor Tankless Units

Part #	Description	110	310	510
9008001005	Direct Vent Conversion Kit with Condensate Drain, Backflow Preventer, Air Intake Flex Hose, Condensate Drain Tube, and Concentric Termination (5"-10")	X	X	X
9008000005	Direct Vent Conversion Kit with Condensate Drain, Backflow Preventer, Air Intake Flex Hose, Condensate Drain Tube, and Concentric Termination (12"-18")	Х	X	X

The Concentric Direct Vent Kits listed above are for use only on non-condensing tankless units and are for indoor use only. Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvemen







Introducing the next generation of Tankless Gas Water Heaters... Concentric Vent.

- Continuous hot water flow rates up to 10 GPM
- Quick natural gas to propane field convertibility (kit included with heater)
- Ultra-Low NOx emissions
- 15-year warranty on heat exchanger, 5-year warranty on all parts
- Contractor-preferred concentric venting
- Installs with commercially available venting
- Long venting runs up to 43'
- Certified for high altitude up to 10,100'
- 510C Models expandable capacity for commercial applications
 - Easy-Link up to 4 heaters with supplied cable
 - Multi-Link up to twenty heaters with optional multi-unit controller

15-Year Limited Warranty Heat Exchanger, 5-Year Limited Warranty Parts

Model		BTU Input Natural/Propane			Factor .F.)	Hot Water Output (GPM)				
Number	Туре	Minimum	Maximum	Natural	Propane	Maximum	45°F Rise	70°F Rise		
Non-Condensing Concentric Vent Field Convertible Residential/Light Duty Commercial (suitable for 0-10,100 ft above Sea Level)										
TS-110C-GI	ln	15,000	140,000	0.82	0.82	6.6	5.1	3.3		
TS-310C-GI	ln	15,000	190,000	0.82	0.82	8.0	7.6	4.9		
TS-510C-GI	ln	15,000	199,000	0.82	0.82	10.0	8.4	5.4		

For propane gas water heaters, change "G" to "L" in the model number.

For example: TS-110C-GI would be TS-110C-LI.

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Concentric Vent Components and Accessories

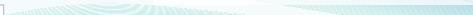
Part #	Description	Part #	Description
100266115	11.5" Standard Sidewall Kit	100266137	Tile/Shingle roof flashing 8/12 to 16/12 pitch
100266117	21" Standard Sidewall Kit	100266138	Tile/Shingle roof flashing 6/12 to 12/12 pitch
100266118	38" Roof termination	100266139	Condensate Trap
100266119	45° Elbow	100266140	Condensate Collector
100266132	90° Elbow	100266141	Pipe Hangars
100266133	10" Straight Pipe	9007604005	Isolation Valve Kit
100266134	19.5" Straight Pipe	9008871005	Product Preserver - Anti-scale Filter Kit
100266135	39" Straight Pipe	9009069005	Remote Controller
100266187	Flat roof flashing	9008300005	Multi-unit Controller (510C only)
100266136	Tile/Shingle roof flashing 1/12 to 6/12 pitch		











Can be installed in light-duty commercial applications. Includes remote control and can connect up to 4 units

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The High Efficiency Atmospheric Gas Water Heater can save up to 25% off the annual water heating cost.

- Patented air intake system pressurizes the combustion chamber creating a "turbo charged" effect, resulting in the most efficient atmospheric gas product on the market, with a .70 energy factor
- Easy-to-read, eye-level LCD control for simple temperature adjustment and service diagnostics
- Easy installation, uses the same gas, water, and venting connections as standard atmospheric models
- ENERGY STAR® qualified
- 12-year tank and parts limited warranty; 1-year labor warranty
- Electronic ignition means no standing pilot to worry about
- Powered anode rod protects against tank corrosion
- Self-Cleaning PEX dip tube reduces lime and sediment buildup
- Durable tamper-resistant brass drain valve





High Efficiency, 12-Year Limited Warranty Tank/Parts, 1-Year Limited Warranty Labor[†] (Not for Mobile Home use)

Product Type	Model Number	Tank Size Gallons	First Hour Rating	Natural Gas‡ BTU Input	Recovery 90° Rise - Gallons/ Hour	Energy Factor	Height Δ	Diameter
Tall	12 40 GPCT*	40	70	40,000	43	.70	61 1/2"	20"
Tall	12 50 GPCT*	50	81	40,000	43	.70	60 1/2"	22"

*Not available in propane ga

†For complete information consult written warranty.

‡Some propane gas models have slightly lower inputs than natural gas models, which may reduce First Hour Rating and recovery by up to 3 gallons on propane models.

 Δ Height dimension is to the top of the draft diverter.

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Energy Efficient Gas Water Heaters featuring an energy factor of .67.

- Unique design captures escaping hot combustion gases to heat stored water longer
- Available in 40- and 50-gallon models
- ENERGY STAR® qualified
- 6-year tank and parts limited warranty
- Advanced electronic gas control valve assures tighter temperature control





High Efficiency, 6-Year Limited Warranty Tank/Parts, 1-Year Limited Warranty Labor[†] (Not for Mobile Home use)

Product Type	Model Number	Tank Size Gallons	First Hour Rating	Natural Gas‡ BTU Input	Recovery 90° Rise - Gallons/ Hour	Energy Factor	Height Δ	Diameter
Tall	6 40 GBFT	40	67	40,000	41	.67	64 1/4"	20"
Short	6 40 GBFS	40	67	40,000	41	.67	54"	22"
Tall	6 50 GBFT	50	81	40,000	41	.67	63 1/2"	22"

For propane gas water heaters, change "G" to "L" in the model number. For example: 6 40 GBFT would be 6 40 LBFT.

†For complete information consult written warranty

‡Some propane gas models have slightly lower inputs than natural gas models, which may reduce First Hour Rating and recovery by up to 3 gallons on propane models.

Δ Height dimension is to the top of the draft diverter.

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Choose the venting option that's right for the application.

Power-Vent and Power Direct-Vent, 6-Year Limited Warranty Tank/Parts, 1-Year Limited Warranty Labor† (Not for Mobile Home use)

- Sidewall venting up to 180 feet: 6 40 YRVIT and 6 50 YRVIT models
- Vents using inexpensive schedule 40 PVC, CPVC, or ABS pipe
- More powerful modular blower with 110/120 volt electrical system
- 6-year tank and parts limited warranty
- Advanced electronic controls with electronic ignition no standing pilot saves energy
- Glass-lined tank with anode rod protects against corrosion
- Factory-Installed Temperature & Pressure (T&P) Relief Valve

Product Type	Model Number	Tank Size Gallons	First Hour Rating	Natural Gas‡ BTU Input	Recovery 90° Rise - Gallons/ Hour	Energy Factor	Height Δ	Diameter
PV	6 40 YBVIS	40	73	40,000	45	.70	59"	22"
PV	6 40 YRVIT	40	90	50,000	56	.70	70 1/4"	20"
PV	6 50 YBVIS	50	90	40,000	45	.70	60 1/8"	24"
PV	6 50 YRVIT	50	96	50,000	56	.70	69 3/4"	22"
PV	6 75 YRVHTL**	75	N/A	76,000	84	N/A	70 5/8"	26"
Very High	n Efficiency 90%	6 Therma	l Efficien	су				
PV	6 50 YTVIT*	50	N/A	76,000	92	N/A	71 1/8"	22"
Very High	n Efficiency 96%	6 Therma	l Efficien	су				
PDV	6 50 YTPDT	50	N/A	100,000	129	N/A	66 3/4"	22"
PDV	6 75 YTPDT	75	N/A	100,000	129	N/A	65 1/4"	27 3/4"

For propane gas water heaters, change "Y" to "H" in the model number. For example: 6 40 YRVIT would be 6 40 HRVIT

*Not available in propage gas. **Not ENERGY STAR® qualified

‡Some propane gas models have slightly lower inputs than natural gas models, which may reduce First Hour Rating and re A Height dimension is to the top of the blower outlet

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Direct-Vent, 6-Year Limited Warranty Tank/Parts, 1-Year Limited Warranty Labor† (Not for Mobile Home use)

- Concentric vent system for sidewall venting and intake combustion air from outside the home
- Can be installed up to 4 feet from outside wall with no electric power
- Direct-vent design draws combustion air from outside the home
- 6-year tank and parts limited warranty
- Piezo igniter allows for easy "one-hand" pilot ignition
- Glass-lined tank with anode rod protects against corrosion
- Eco-Friendly Green Choice® gas burner reduces NOx emissions by 33%
- Factory-Installed Temperature & Pressure (T&P) Relief Valve

Product Type	Model Number	Tank Size Gallons	First Hour Rating	Natural Gas‡ BTU Input	Recovery 90° Rise - Gallons/ Hour	Energy Factor	Height Δ	Diameter
DV	6 40 YBDS	40	72	38,000	41	.63	67" min.	22"
DV	6 50 YBDS	50	91	40,000	43	.62	76" min.	22"

For propane gas water heaters, change "Y" to "H" in the model number. For example: 6 40 YBDS would be 6 40 HBDS.

†For complete information consult written warranty

Some propane gas models have slightly lower inputs than natural gas models, which may reduce First Hour Rating and recovery by up to 3 gallons on propane models Δ Height dimension is to the top of concentric vent pipe.

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The 12-Year Self-Cleaning Gas Water Heater offers the best features available in a premium gas water heater.

- Available in 40- and 50-gallons, First Hour Ratings up to 92 gallons
- Up to 50,000 BTU input
- Self-cleaning PEX dip tube helps maintain efficiency and reduce maintenance
- 12-year tank and parts limited warranty; 1-year labor warranty
- Environmentally-Friendly, CFC-Free foam insulation reduces standby
- Advanced electronic gas control valve assures tighter temperature control
- Patented Blue Steel™ glass lining enriched with higher levels of zircon for ultimate protection against corrosion
- Heavy-duty dual anode rods provide extra protection against tank corrosion
- Eco-Friendly Green Choice® gas burner reduces NOx emissions by 33% over standard burners
- Flammable vapor ignition-resistant design
- Factory-Installed Temperature & Pressure (T&P) Relief Valve



12-Year Limited Warranty Tank/Parts, 1-Year Limited Warranty Labor[†], Standard Vent (Not for Mobile Home Use)

Product Type	Model Number	Tank Size Gallons	First Hour Rating	Natural Gas‡ BTU Input	Recovery 90° Rise - Gallons/ Hour	Energy Factor	Height Δ	Diameter
12-Year L	imited Warrant	y Tank/Pa	arts, 1-Ye	ar Limited	l Warranty	Labor†,	Standard V	ent
Short	12 40 NACS*	40	69	40,000	41	.62	51 1/2"	22"
Tall	12 40 NACT	40	70	40,000	42	.62	62"	20"
Tall	12 50 NQCT*	50	92	50,000	51	.60	60 3/4"	22"
Tall	12 50 NACT	50	88	40,000	41	.62	60 3/4"	22"

For propane gas water heaters, change "N" to "P" in the model number. For example: 12 40 NACS would become 12 40 PACS.

*Not available in propane gas. \$\\$\text{Some propane gas models have slightly lower inputs than natural gas models, which may reduce First Hou Rating and recovery by up to 3 gallons on propane models.

Δ Height dimension is to the top of the draft diverter. †For complete information consult written warranty,

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- Available in 40- and 50-gallons, First Hour Ratings up to 88 gallons
- Up to 40,000 BTU input
- Self-cleaning PEX dip tube helps maintain efficiency and reduce
- 9-year tank and parts limited warranty; 1-year labor warranty
- Environmentally-Friendly, CFC-Free foam insulation reduces standby heat loss
- Advanced electronic gas control valve assures tighter temperature control
- Heavy-duty anode rod provides extra protection against tank corrosion
- Eco-Friendly Green Choice® gas burner reduces NOx emissions by 33% over standard burners
- Flammable vapor ignition-resistant design
- Factory-Installed Temperature & Pressure (T&P) Relief Valve



9-Year Limited Warranty Tank/Parts, 1-Year Limited Warranty Labor[†], **Electronic Thermostat (Not for Mobile Home Use)**

Product Type	Model Number	Tank Size Gallons	First Hour Rating	Natural Gas‡ BTU Input	Recovery 90° Rise - Gallons/ Hour	Energy Factor	Height Δ	Diameter
Tall	9 40 NKCT	40	70	40,000	41	.62	62"	20"
Short	9 40 NKCS	40	69	40,000	41	.62	51 1/2"	22"
Tall	9 50 NKRT	50	88	40,000	41	.60	60 3/4"	21"

For propane gas water heaters, change "N" to "P" in the model number. For example: 9 40 NKCT would become 9 40 PKCT.

\$50me propane gas models have slightly lower inputs than natural gas models, which may reduce First Hour Rating and recovery by up to 3 gallons on propane models. \dagger For complete information consult written warranty. Δ Height dimension is to the top of the draft diverter.

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The 6-Year Gas Water Heater offers the broadest selection of models, one for any application.

- Available in 30- to 100-gallons, First Hour Ratings up to 88 gallons
- Up to 40,000 BTU input
- Self-cleaning PEX dip tube helps maintain efficiency and reduce maintenance
- 6-year tank and parts limited warranty; 1-year labor warranty
- Environmentally-Friendly, CFC-Free foam insulation reduces standby heat loss
- Advanced electronic gas control valve assures tighter temperature control
- Glass-lined tank with anode rod protects against tank corrosion
- Eco-Friendly Green Choice® gas burner reduces NOx emissions by 33% over standard burners
- Factory-Installed Temperature & Pressure (T&P) Relief Valve



6-Year Limited Warranty Tank/Parts, 1-Year Limited Warranty Labor[†], **Mechanical Thermostat** (Not for Mobile Home Use)

Product Type	Model Number	Tank Size Gallons	First Hour Rating	Natural Gas‡ BTU Input	Recovery 90° Rise - Gallons/ Hour	Energy Factor	Height Δ	Diameter
Short	6 30 NOCS	30	62	35,500	36	.63	50"	20"
Tall	6 30 NOCT	30	67	35,500	36	.63	61 3/4"	18"
Short	6 40 NBCS	40	69	40,000	41	.62	51 1/2"	22"
Tall	6 40 NBCT*	40	70	40,000	41	.62	62"	20"
Tall	6 40 NOCT	40	67	35,500	36	.62	62"	20"
Tall	6 50 NBRT	50	88	40,000	41	.60	60 3/4"	21"
Short	6 75 XRRS	74	N/A	75,100	81	N/A	61"	26 1/2"
Tall	6 100 XRRT	100	N/A	75,100	81	N/A	70 1/2"	27 3/4"
Tall	6 30 NORBT**	30	64	35,500	36	.63	61 3/4"	16"
Short	6 30 NORBS**	30	56	35,500	36	.63	50"	18"
Short	6 40 NBRBS**	40	67	40,000	41	.62	51 1/2"	20"
Tall	6 40 NBRBT**	40	70	40,000	41	.62	62"	18"

For propane gas water heaters, change "N" to "P" in the model number. For example: 6 30 NOCS would become 6 30 POCS.

 Δ Height dimension is to the top of the draft diverter.

**Shipped with Factory Insulation Blanket.

Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement





The Mobile Home Gas Water Heater offers versatile features.

- All models meet HUD requirements for manufactured housing installation
- Available in atmospheric (standard-vent) or sealed combustion (direct-vent) designs (Roof Jack Kits available for direct-vent models, with intake air and exhaust vents)
- Convertible gas control for natural or propane gas operation
- 6-year tank limited warranty; 1-year parts limited warranty
- Glass-lined tank with anode rod protects against corrosion
- Eco-Friendly Green Choice® gas burner reduces NOx emissions by 33% over standard burners
- Factory-Installed Temperature & Pressure (T&P) Relief Valve
- Side taps for easy installation



ROOF JACK KITS

12" Roof Jack Kit supplied with direct-vent models.

Optional longer length kits available.



Product Type	Model Number	Tank Size Gallons	First Hour Rating	Natural Gas‡ BTU Input	Recovery 90° Rise - Gallons/ Hour	Energy Factor	Height Δ	Diameter
MH	6 30 NOMT	30	55	35,500	36	.63	61 1/2"	18"
MH	6 40 NOMT	40	62	35,500	36	.62	61 3/4"	20"
Mobile Ho	ome Direct-Vent							
MH	6 30 MDV	30	49	30,000	31	.63	58"	18"
МН	6 40 MDV	40	61	32,000	33	.62	58 3/4"	20"

‡All models ship from the factory as Natural Gas and are convertible to Propane Gas with factory supplied components

†For complete information consult written warranty. Δ Height dimension is to the top of the draft diverter.

Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement.





The Ultra Low NOx Gas Water Heater is available in 6-, 9-, and 12-Year versions.

- Enhanced combustion system
- All models meet South Coast Air Quality Management District Ultra Low NOx emission requirements
- First Hour Ratings up to 91 Gallons
- Flammable vapor ignition-resistant design
- Flexible 3" or 4" venting option
- Smooth, efficient, and quiet operation
- Available in 30- to 74-gallon models



Ultra Low NOx, 12-, 9-, or 6-Year Limited Warranty Tank/Parts, 1-Year Limited Warranty Labor[†] (Not for Mobile Home use)

Product Type	Model Number	Tank Size Gallons	First Hour Rating	Natural Gas BTU Input	Recovery 90° Rise - Gallons/ Hour	Energy Factor	Height Δ	Diameter
Tall	12 40 UNACT	40	71	40,000	42	.63	62"	20"
Tall	12 50 UNACT	50	91	40,000	43	.62	60 3/4"	22"
Tall	9 40 UNKCT	40	71	40,000	42	.63	62"	20"
Tall	9 50 UNKCT	50	91	40,000	43	.62	60 3/4"	22"
Tall	6 30 UNORT	30	55	33,000	36	.63	61 3/4"	16"
Tall	6 40 UNBCT	40	71	40,000	42	.63	62"	20"
Short	6 40 UNBCS	40	69	40,000	41	.62	51 1/2"	22"
Tall	6 50 UNBCT	50	91	40,000	43	.62	60 3/4"	22"
Short	6 75 URRS	74	N/A	75,100	81	N/A	62 1/16"	25 1/4"
Tall	6 40 UNBRT	40	71	40,000	43	.62	62"	18"
Tall	6 50 UNBRT	50	91	40,000	43	.60	60 3/4"	20"
Tall	9 40 UNKRT	40	71	40,000	43	.62	62"	18"
Tall	9 50 UNKRT	50	91	40,000	43	.60	60 3/4"	20"

Ultra Low NOx available in natural gas only.

†For complete information consult written warranty. Δ Height dimension is to the top of the draft diverter.

Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement







A Pump Tank is a must for any home that uses a pump to draw water from a well.

- It ensures that the pump will run for at least a minute, as required by pump manufacturers, to reduce wear on pump
- It provides a supplemental water supply for use between pump cycles, to reduce the number of cycles throughout the day, and prolong pump life
- It helps maintain water pressure within the home's plumbing system, ensuring proper operation of the dishwasher and washing machine, plus robust flow for showering and bathing

Pre-Pressurized Diaphragm Tanks

- Strong, flexible butyl rubber parabolig diaphragm, powder-coated inner shell for permanent separation of air and water
- In-line models from 2 through 14 gallons, designed for installation directly into the cold water line
- Free-standing models from 14 through 119 gallons

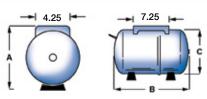


PUMP

Pump Tanks continued

SIZING CHART 4 Estimated Number of Diaphragm "Standard" Tank Models Water Fixtures Pump Size Tank Sizes UP TO 7 5-7 GPM* PMDH-20 42 GALLON 8-10 10 GPM* PMD-32 or 36 82 GALLON 12-15 GPM* PMD-52 82 GALLON 10-13 16-20 GPM* PMD-65 120 GALLON 17-28 20 GPM* PMD-86, PMD-119 220 GALLON *GPM = Gallons Per Minute Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement.









CUT-AWAY VIEW

HORIZONTAL

FREE STANDING

IN-LINE

PUMP TANKS

MODEL	VOLUME (US GAL)	DRAWDOWN 30-50 PSI	CONN. SIZE NPT (INCHES)	A (INCHES)	B (INCHES)	C (INCHES)	SHIPPING WEIGHT (LBS)
FREE-STAND	ING PUMP TA	NKS					
PMD-14	14	4.3	1 F	24 3/4	2 1/4	15 3/8	26
PMD-20	20	6.1	1 F	32 3/4	2 1/4	15 3/8	30
PMD-32	32	9.9	1 F	45 1/2	2 1/4	15 3/8	40
PMD-36	36	11.2	1F	32 3/8	2 1/4	20	45
PMD-52	52	16.1	1 1/4 F	38 5/8	2 1/4	23 3/8	77
PMD-65	65	20	1 1/4 F	46 5/8	2 1/4	23 3/8	87
PMD-86	86	26.7	1 1/4 F	59	2 1/4	23 3/8	105
PMD-119	119	37.0	1 1/4 F	61 1/4	2 1/2	26	165
IN-LINE PUM	P TANKS						
PMDI-2	2	.6	3/4 M	10 3/16	_	8 1/4	5
PMDI-5	4.5	1.4	3/4 M	14 3/4	-	11	9
PMDI-7	7	2.3	3/4 M	21 1/16	_	11	14
PMDI-14	14	4.3	1 M	23 1/2	_	15 3/8	25
HORIZONTAL	PUMP TANKS	S					
PMDH-7	7.3	2.3	3/4 M	12 7/8	21 1/8	11	16
PMDH-14	14	4.3	1 M	17 3/8	21 3/4	15 3/8	25 1/2
PMDH-20	20	6.1	1 M	17 3/8	27 1/8	15 3/8	30
GLASS-LINE	D PUMP TANK	S					
RG42T-4	42	4.2	1 1/4	49	_	16 1/2	71
RG82-4	82	8.2	1 1/4	62 1/4	_	20	154
RG120-4	120	12	1 1/4	63	1	24	206

nensions and specifications subject to change without notice in accordance with our policy of continuous product improvement.

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Commercial Gas Water Heaters offer a full range of products for commercial applications. Professional installation recommended.

Light-Duty Gas (not pictured)

- Recommended for applications where required First Hour Rating is 142 gallons or less
- Low NOx emissions; meets Texas requirements
- Standing pilot ignition system
- 3-year tank limited warranty
- Glass-lined tank with anode rod protects against corrosion
- Factory-Installed Temperature & Pressure (T&P) Relief Valve

LIGHT-DUTY NATURAL GAS

Model Number	Tank Size Gallons	First Hour Rating	Input BTUs/Hour	Recovery 100° Rise Gallons/Hour	Height	Diameter	Vent
S75 76NE	74	125	75,100	73	61 1/8"	25 1/2"	4
S100 76 NE	98	142	75,100	73	69 3/4"	26 1/2"	4

Natural gas only.

Height dimension is to the top of the draft diverter.

Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement.

Medium-Duty Gas

- First Hour Ratings from 166 gallons to 414 gallons to serve a wide variety of commercial applications
- Equipped with energy-saving automatic flue damper, which helps reduce heat loss when burner is not operating
- Front, top, or rear hot and cold water connection options for installation flexibility in replacement applications
- Intermittent electronic ignition eliminates need for standing pilot, saves energy
- 3-year tank limited warranty
- Glass-lined tank with multiple anode rods to protect against corrosion
- Factory-Installed Temperature & Pressure (T&P) Relief Valve

MEDIUM-DUTY, NATURAL OR PROPANE GAS

	Model lumber	Tank Size Gallons	First Hour Rating	Input BTUs/Hour	Recovery 100° Rise Gallons/Hour	Height	Diameter	Vent
D7	1 120NE	71	166	120,000	116	69 3/4"	27 3/4"	5
D8	1 199NE	81	250	199,000	193	67 1/2"	27 3/4"	6
D10	0 199NES	100	263	199,000	193	72"	30 1/4"	6
D10	0 199NET	100	263	199,000	193	75"	27 3/4"	6
D10	00 250NE*	100	312	250,000	242	72"	30 1/4"	8
D10	00 275NE*	100	377	275,000	267	72"	27 3/4"	8
D8	5 365NE	85	414	365,000	354	79 1/2"	27 3/4"	8
D100	250NEA*	100	312	250,000	242	72"	30 1/4"	8
D100	0 275NEA*	100	377	275,000	267	72"	27 3/4"	8
D85	5 365NEA	85	414	365,000	354	79 1/2"	27 3/4"	8

Model numbers listed are for natural gas. For propane, change "N" to "P" in model number. For example: D71 120NE would be D71 120PE.



Commercial Gas Water Heaters continued

Medium-Duty Gas - Low NOx

- Available only in Texas
- Low NOx emissions; meets Texas requirements
- Built-in induced draft blower helps ensure peak performance
- Front, top, or rear hot and cold water connection options for installation flexibility in replacement applications
- Intermittent electronic ignition eliminates need for standing pilot, saves energy
- 3-year tank limited warranty
- Glass-lined tank with multiple anode rods to protect against corrosion
- Factory-Installed Temperature & Pressure (T&P) Relief Valve

MEDIUM-DUTY, LOW NOx, NATURAL OR PROPANE GAS

Model Number	Tank Size Gallons	First Hour Rating	Input BTUs/Hour	Recovery 100° Rise Gallons/Hour	Height	Diameter	Vent
N100 200NES	100	263	200,000	193	72"	27 3/4"	6
N100 275NE	100	337	275,000	267	72"	27 3/4"	6

Model numbers listed are for natural gas. For propane, change "N" to "P" in model number. For example: N100 200NES would be N100 200PES.

Height dimension is to the top of the draft diverter.

Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement.

Commercial Electric Water Heaters

3-Year, Light-Service Commercial Electric

- Available in 66-, 80-, and 119-gallons
- Two 4500-watt zinc plated copper sheathed heating elements
- 3-year tank limited warranty, 1-year labor limited warranty

Model Number	Tank Size Gallons	Input Watts/Hour	Recovery 100° Rise Gallons/Hour	Height	Diameter
DT 66 20RT	66	4500	18	60 1/4"	22"
DT 80 20RT	80	4500	18	60 1/2"	24"
DT 120 20RT	119	4500	18	61 1/2"	28

Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement.

3-Year, Dairy Barn Electric (not pictured)

- Includes base stand with 4" legs for dairy barn installation
- Two 4500-watt heating elements, each with thermostat adjustable up to 180°F
- 3-year tank limited warranty, 1-year labor limited warranty

Model Number	Tank Size Gallons	First Hour Rating	Input Watts/Hour	Recovery 100° Rise Gallons/Hour	Height	Diameter
3 82 2KDT	80	84	4500	20	64 1/2"	24"

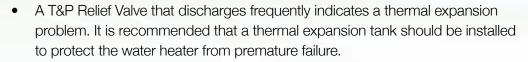
Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement.



Height dimension is to the top of the draft diverter.

^{*} Indicates models provided with 6" to 8" vent reducer.

Expansion Tanks for gas and electric water heaters help prevent premature failure.



- Recommended for installation with every gas and electric water heater, required by code in most areas
- Provides important protection against potential damage to water heater and plumbing system caused by high water pressure
- Helps prevent "water hammer" noises in water pipes





EXPANSION TANKS

MODEL NUMBER	MAX WORKING PRESSURE (PSIG)	TANK VOLUME (GAL)	MAX ACCEPTANCE VOL (60 PSI)	CONN. SIZE (MPT)	DIMENS (INCH DIAMETER		WEIGHT (LBS)	HEATER SIZE
ONE-YEAR L	IMITED WARRANT	Υ						
TW 5-1	150	2.1	1.03	3/4"	7.9"	11	4.5	Up to 52 gal.
TW 12-1	150	4.8	2.19	3/4"	10.6"	13.7"	8.2	Up to 100 gal.
FIVE-YEAR I	LIMITED WARRAN	ΓΥ						
TW 5-5	150	2.1	1.03	3/4"	7.9"	11	4.5	Up to 52 gal.
TW 12-5	150	4.8	2.19	3/4"	10.6"	13.7"	8.2	Up to 100 gal

Expansion Tank recommendations based on MAX 60 PSI water pressure and 140°F maximum temperature.





Parts provide the total package.



PARTS

When you buy a water heater, you should leave the store with all the parts, tools, and accessories required to do the job right, without a second visit. Parts and accessories are also essential elements of a well-balanced and complete plumbing department that Do-It-Yourself customers and professional contractors depend on for one-stop shopping convenience.

Reliance® offers complete gas and electric water heater installation kits, drain pans, and many other water heater installation parts, plus replacement electric heating elements, gas and electric thermostats, and more. Reliance is your complete neighborhood water heater source.















Gas Tankless 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 gas tankless 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 Gas Tankless Water Heater

Gas Tankless Water Heaters have special installation requirements.

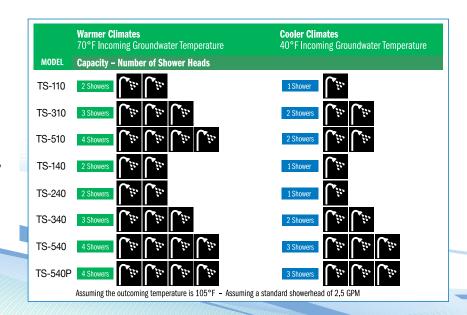
- 1. Gas Supply a 3/4" or larger gas supply pipe is required except for the TS-140-GIH and TS-140-GEH which run off a 1/2" gas line
- 2. Venting Condensing models use 3" or 4" Schedule 40 PVC (solid core).

 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").





GAS TANKLESS WATER HEATERS

YOUR Ineighborhood water heater Source.







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

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

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

Model		BTU I Natural/		Uniform Energy Factor (U.E.F.)		Hot Water Output (GPM)		
Number	Туре	Minimum	Maximum	Natural	Propane	Maximum	45°F Rise	70°F Rise
TS-110-GI	Indoor	19,500	140,000	0.79	0.79	6.6	5.2	3.3
TS-310-GI	Indoor	11,000	190,000	0.80	0.80	8.0	7.0	4.5
TS-510-GI+	Indoor	11,000	199,000	0.80	0.80	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)
- Category III stainless steel venting is required for indoor models
- 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		BTU I Natural/l			nergy Factor .E.F.)	Hot Water Output (GPM)		GPM)
Number	Туре	Minimum	Maximum	Natural	Propane	Maximum	45°F Rise	70°F Rise
TS-110-UI*	Indoor	15,000	140,000	0.81	0.81	6.6	5.2	3.3
TS-310-UI*	Indoor	15,000	190,000	0.82	0.82	8.0	7.0	4.5
TS-510-UI*	Indoor	15,000	199,000	0.82	0.82	10.0	7.3	4.7
TS-110-UE*	Outdoor	15,000	140,000	0.81	0.81	6.6	5.2	3.3
TS-310-UE*	Outdoor	15,000	190,000	0.82	0.82	8.0	7.0	4.5
TS-510-UE*	Outdoor	15,000	199,000	0.81	0.81	10.0	7.3	4.7

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

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

Model		BTU Input Natural/Propane		Uniform Energy Factor (U.E.F.)		Hot Water Output (GPM)		
Number	Туре	Minimum	Maximum	Natural	Propane	Maximum	45°F Rise	70°F Rise
TS-140-GIH	Indoor	15,000/15,000	120,000	0.90	0.90	6.6	5.0	3.2
TS-240-GIH	Indoor	15,000/13,000	160,000	0.94	0.94	6.6	6.6	4.3
TS-340-GIH	Indoor	15,000/13,000	180,000	0.95	0.95	8.0	7.6	4.9
TS-540-GIH	Indoor	15,000/13,000	199,000	0.93	0.93	10.0	8.4	5.4
TS-540P-GIH [†]	Indoor	15,000/13,000	199,000	0.93	0.93	10.0	8.4	5.4
TS-140-GEH	Outdoor	15,000/15,000	120,000	0.91	0.91	6.6	5.0	3.2
TS-240-GEH	Outdoor	15,000/13,000	160,000	0.95	0.95	6.6	6.6	4.3
TS-340-GEH	Outdoor	15,000/13,000	180,000	0.94	0.94	8.0	7.6	4.9
TS-540-GEH	Outdoor	15,000/13,000	199,000	0.95	0.95	10.0	8.4	5.4
TS-540P-GEH [†]	Outdoor	15,000/13,000	199,000	0.95	0.95	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			Input Propane		nergy Factor I.E.F.)	Hot Water Output (GPM)		
Number	Туре	Minimum	Maximum	Natural	Propane	Maximum	45°F Rise	70°F Rise
TS-110C-GI*	Indoor	15,000	140,000	0.81	0.81	6.6	4.9	3.1
TS-310C-GI*	Indoor	15,000	190,000	0.82	0.82	8.0	6.9	4.4
TS-510C-GI*	Indoor	15,000	199,000	0.81	0.81	10.0	7.1	4.5

Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement.



Relaters Water Heaters Cour neighborhood water heater source.

PARTS CATALOG















RELIANCE

Has Everything Your Customers Need to Do the Job Right!

Reliance Water Heater Company was founded in 1981 to provide a water heater brand specifically for sale by hardware and home improvement retailers. Since then, Reliance has earned a reputation for providing the highest-quality water heaters, plus all the products the "do-it-yourselfer" and professional contractor need for water heater installation and basic service and repair procedures.

Parts and accessories are a critical requirement for a store to truly be "Your Neighborhood Water Heater Source". They are also an essential element of the complete selection plumbing professionals depend on for one-stop shopping convenience. This catalog presents everything you need, from nipples, thermostats and electric heating elements to "all-in-one" Installation Kits for gas and electric water heaters. Most Reliance parts and accessories are "universal", meaning they can be used on all brands of residential water heaters.

Our mission is to make it easy for you to sell Reliance water heaters, and easy for your customers to install and maintain them.



a Flexible Gas Connector, a T&P Valve Discharge Pipe, an Aluminum Drain Pan and an Expansion Tank, all of which are included in this catalog.

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Anode Rod

Water Heater Stands • Expansion Tanks

· Water Connectors, Nipples and Fittings

ELECTRIC HEATING ELEMENTS

Our BEST Lifelong Elements for Electric Water Heaters

Reliance LIFELONG heating elements feature a sheath made with the highest-quality Incoloy® nickel/chromium alloy steel. This superior design will deliver dependable performance even when high mineral content causes lime and scale buildup that would cause other heating elements to burn out.

These premium elements also feature the most efficient and durable extra-low watt density design. A larger surface area

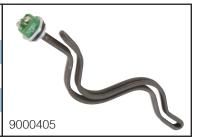
spreads out wattage, reducing the heat transfer load ("watt density") to a range of 68 to 116 watts per square inch, compared to 97 to 243 watts per square inch on our GOOD elements.

LIFELONG elements are proven to last longer. So, Reliance backs them with a limited lifetime warranty, assuring the original purchaser of a free replacement element if a LIFELONG element ever fails due to defects in workmanship or materials.

"TR" THREADED FLANGE

Carton Quantity - 10, on Blister Card or Bagged

Part No.	Wattage/Voltage	Alt. Wattage @ 208 Volts	Sheath Watt Density (Watts per square inch)	Minimum Tank Diameter
9001511	1440/120	-	68	10"
9000225	3800/240	3000	84	14"
9000405	4500/240	3500	77	14"
9000396	5500/240	4000	86	14"



1-3/8" THREADED AMALLOY FLANGE

Carton Quantity - 10, on Blister Card or Bagged

Part No.	Wattage/Voltage	Alt. Wattage @ 208 Volts	Sheath Watt Density (Watts per square inch)	Minimum Tank Diameter
9002451	3000/240	2400	85	14"
9002434	3800/240	3000	84	14"
9002450	4500/240	3500	77	14"



"UF" UNIVERSAL FLANGE

Carton Quantity - 10, on Blister Card or Bagged

Part No.	Wattage/Voltage	Alt. Wattage @ 208 Volts	Sheath Watt Density (Watts per square inch)	Minimum Tank Diameter
9000968	3800/240	3000	80	14"
9000970	4500/240	3500	95	14"
9000971	5500/240	4000	116	14"



ELECTRIC HEATING ELEMENTS

BETTER Low-Watt Density Elements for Electric Water Heaters

Reliance BETTER copper-sheath heating elements feature low-watt density design (ranging from 50 to 122 watts per square inch) for longer life and more efficient water heating performance. 1-year warranty.

"TR" THREADED FLANGE

Carton Quantity - 10, on Blister Card or Bagged

Part No.	Wattage/Voltage	Alt. Wattage @ 208 VoltS	Sheath Watt Density (Watts per square inch)	Minimum Tank Diameter
9000253	1650/120	-	50	12"
9000147	3000/240	2250	104	12"
9000148	3800/240	3000	101	12"
9000095	4500/240	3500	103	14"
9000151	5500/240	4000	116	14"



1-3/8" THREADED AMALLOY FLANGE

Carton Quantity - 10, on Blister Card or Bagged

Part No.	Wattage/Voltage	Alt. Wattage @ 208 Volts	Sheath Watt Density (Watts per square inch)	Minimum Tank Diameter	
9002441	3000/240	2250	113	14"	
9002449	3800/240	3000	108	14"	
9002442	4500/240	3500	109	14"	
9002448*	5500/240	4000	122	14"	



"UF" UNIVERSAL FLANGE

Carton Quantity - 10, on Blister Card or Bagged

Part No.	Wattage/Voltage	Alts. Wattage @ 208Voltage	Sheath Watt Density (Watts per square inch)	Minimum Tank Diameter	
9000965	1500/120	-	99	8"	00
9000097	4500/120	3500	103	14"	9000097

 $^{^{\}star}$ 9002448 has a premium Incoloy $^{\! \otimes}$ sheath instead of copper sheath.

ELECTRIC HEATING ELEMENTS

Good High-Watt Density Elements for Electric Water Heaters

These standard copper-sheath elements are designed for high-watt density operation (ranging from 97 to 243 watts per square inch). 1-year limited warranty.

"TR" THREADED FLANGE

Carton Quantity - 10, on Blister Card or Bagged

Part No.	Wattage/Voltage	Alt. Wattage @ 208 Volts	Sheath Watt Density (Watts per square inch)	Minimum Tank Diameter
9000128	1000/120	-	97	8"
9000129	1440/120	-	140	8"
9000130	2000/120	-	194	12"
9000132	1500/240	1130	146	8"
9000133	2000/240	1500	194	8"
9000134	2500/240	2000	243	10"
9000135	3000/240	2250	198	12"
9000136	3800/240	3000	221	12"
9000092	4500/240	3500	214	14"
9000386	5500/240	4000	220	14"



"UF" UNIVERSAL FLANGE

Carton Quantity - 10, on Blister Card or Bagged

Part No.	Wattage/Voltage	Alt. Wattage @ 208 Volts	Sheath Watt Density (Watts per square inch)	Minimum Tank Diameter
9000177	1500/120	-	146	8"
9000178	2000/120	-	194	8"
9000180	1500/240	-	122	8"
9000182	2500/240	2000	243	10"
9000183	3000/240	2250	175	12"
9000184	3800/240	3000	180	12"
9000094	4500/240	3500	214	14"



DRY WELL and SOLAR Electric Heating Elements

Each boxed individually. Carton quantity: 1

Part No.	Wattage/Voltage	Sheath Watt Density (Watts per square inch)	Description	0.000
9000100	1500/120	N/A	Dry Well Element	91)
9000050*	4500/240	73	Solar Element	9000050

^{* 900050} has a premium Incoloy® sheath instead of copper sheath.



9000100

REPLACEMENT ELEMENTS

GOOD, BETTER, BEST Replacement Elements for Electric Water Heaters

The following charts will help you select the right Reliance Replacement Electric Heating Element, depending on your customer's Voltage, Existing Heating Element Wattage and Breaker Size.

	Existing	Minimum		Reliance Rep	lacement Element	
Voltage	Element Wattage	Breaker Size	Wattage	GOOD Part Number	BETTER Part Number	BEST Part Number
120	1000	15 Amp	1000	9000128		
120	1440	15 Amp	1440	9000129		90001511
120	1500	15 Amp	1650		9000253	
120	1650	20 Amp	1650		9000253	
120	2000	20 Amp	2000	9000130		
240	1000	15 Amp	1500	9000132		
240	1500	15 Amp	1500	9000132		
240	2000	15 Amp	2000	9000133		
240	2500	15 Amp	2500	9000134		
240	3000	20 Amp	3000	9000135	9000147	
240	3500	20 Amp	3800	9000136	9000148	9000225
240	3800	20 Amp	3800	9000136	9000148	9000225
240	4000	20 Amp	3800	9000136	9000148	9000225
240	4500	25 Amp	4500	9000092	9000095	9000405
240	4500	30 Amp	4500	9000092	9000095	9000405
240	5000	30 Amp	5500	9000386	9000151	9000396
240	5500	30 Amp	5500	9000386	9000151	9000396
240	6000	30 Amp	5500	9000386	9000151	9000396

FOR 1-3/8" DIAMETER THREADED HEATING ELEMENTS

Consult the chart below when replacing elements in water heaters displaying the "Genuine AMALLOY 1-3/8" dia. Threaded Element" label.

	Existing		Reliance Replacement Element			
Voltage	Element Wattage	Breaker Size	Wattage	GOOD Part Number	BETTER Part Number	BEST Part Number
240	3000	20 Amp	3000	N/A	9002441	9002451
240	3800	20 Amp	3800	N/A	9002449	9002434
240	4500	25 Amp	4500	N/A	9002442	9002450
240	4500	30 Amp	4500	N/A	9002442	9002450
240	5500	30 Amp	5000	N/A	9002448	9002433



PARTS & ACCESSORIES

ELECTRIC WATER HEATER THERMOSTATS

Carton Quantity on All: 10

Part No.	Description	9001954	9000523	3
0001054	Hancy Floatsis Water Hactor Thomas state for O planeaut models	0 00	9 9	P
9001954	Upper Electric Water Heater Thermostat for 2-element models		BUR	
9000507	Lower Electric Water Heater Thermostat for 2-element models	ie e	10	N V
9000509	Single Element Electric Water Heater Thermostat		1	
9000512	Lower Electric Water Heater Thermostat, with Shaft			
9000523	Single Element Water Heater Thermostat, with Shaft	lie.		le de
9001471	Point of Use (2 and 4-gallon) Electric Water Heater Thermostat (for models manufactured after 10/1/96.	18 Tolland		
9002394	Point of Use (2 and 4-gallon) Electric Water Heater Thermostat (for models manufactured after 10/1/96.	9000)507	900051

HEATING ELEMENT PARTS AND ACCESSORIES

Part No.	Description	HO	
9000030	Electric Heating Element Adapter Kit – Carton quantity: 10		
9000443	Electric Heating Element Gasket Kit Assortment – Carton quantity: 10	9000030	,
9000429	HD Heating Element Wrench – Carton quantity: 10	90004	43
9000308	"TR" Heating Element Gasket – Carton quantity: 1, containing 50 gaskets	9000429	

POINT OF USE 6-2-SSUS-K (2.5 GALLON) PARTS

Part No.	Description	9006402	9006405
9006405	Element Kit Includes Anode Rode		
9006401	Elem. Gasket for 2.5 POU		
9006402	Temp. Sensor and Thermostat	9006401 9006403	opon j
9006403	High Limit Switch		

TEMPERATURE & PRESSURE RELIEF VALVES (T&P VALVES)

Carton Quantity: 10

Part No.	Description	
9000071	T&P Valve with 5/8" shank	
9000728	T&P Valve with 2" shank	
9001583	T&P Valve with 2-1/2" shank	
9002403	T&P Valve with 3" shank	9000728

9000509

GAS WATER HEATER THERMOSTATS

Carton Quantity on All: 1

NOTE: Gas valves are similar in appearance but are not interchangeable. Differences in pressure regulation, gas type, BTU capacity and shank length makes each valve unique. You must use the correct gas valve for proper heater operation. Call the manufacturer of your heater for the correct part number if you are not sure which valve to use.

Part No.	Description	9000246	9000251
9000246	Natural Gas for Inputs Through 55,000 BTU		O MATTERIAL PAL
9000247	Propane Gas for Inputs Through 55,000 BTU - RH Threads		
9000248	Natural Gas for Inputs Over 55,000 BTU		
9000249	Natural Gas - Long Shank for Inputs Through 55,000 BTU		44
9002454	Natural Gas - Long Shank for Inputs Over 55,000 BTU		
9000250	Propane Gas - Long Shank for Inputs Through 55,000 BTU - RH Threads		2
9000251	Mobile Home - Convertible for Natural or Propane gas	12	
9000796	Mobile Home - Long Shank Convertible for Natural or Propane gas		9000249
9002122	Propane Gas for Inputs Through 55,000 BTU - LH Threads	9000247	9000249
9002123	Propane Gas - Long Shank for Inputs Through 55,000 BTU - LH Threads	-000000	
9003691	Natural Gas Intelli-Vent™ Power Vent Electronic Ignition Combination Gas Control	Marie Annua	- 5
9003713	Propane Gas Intelli-Vent™ Power Vent Electronic Ignition Combination Gas Control	THE REAL PROPERTY.	100
9006655	Natural Gas FVIR for Inputs Through 50,000 BTU and Suffix starting With "G"	9003691	
9006656	Natural Gas FVIR - Long Shank for Inputs Through 50,000 BTU and Suffix Starting With "G"		0
9006657	Propane Gas FVIR for Inputs Through 50,000 BTU and Suffix Starting With "L"		
9006658	Propane Gas FVIR - Long Shank for Inputs Through 50,000 BTU and Suffix Starting With "L"	9006655	

GAS THERMOCOUPLE KITS

Carton Quantity on All: 10 Not for use on C3 FVIR heaters

Part No.	Description	
9000876	18" Thermocouple Kit	
9000056	24" Thermocouple Kit	
9000283	26" Thermocouple Kit	
9000496	30" Thermocouple Kit	
9000497	36" Thermocouple Kit	9000876

REPLACEMENT PARTS FOR FVIR TECHNOLOGY

FLAMMABLE VAPOR IGNITION RESISTANT GAS WATER HEATERS Carton Quantity: 1

Part No.	Description	1
9006143	Large Piezo Igniter -	→
9003410	C3 Piezo Ignitor assembly, with bracket	
See note	C3 Pilot Ignitor assembly, with automatic reset thermal cut-off switch	
9003401	Inner door gasket (not shown)	
9003406	Air intake screen (not shown)	



Installation Kits and Accessories for Gas & Electric Water Heaters

GAS AND ELECTRIC INSTALLATION KITS AND ACCESSORIES

Part No.	Description	9000105 9000104
9000105	Gas Water Heater Installation Kit – Carton quantity: 1 Includes: two 15" flexible water connectors, one 15" flexible gas connector, two 3/4", 2" long pipe nipples, two 3/4" pipe connectors, two 1/2" pipe connectors, two 3/4" x 1/2" reducer bushings, one male thread gas fitting, one female thread gas fitting, one 1/2" all thread black iron gas nipple, one 5-foot roll of Teflon tape.	
9000068	18" Flexible Gas Connector for gas water heaters. Carton quantity: 10	
9000894	Adjustable Vent Extension Kit (up to 3 feet) for gas water heaters. Carton quantity: 10	
9000104	Electric Water Heater Installation Kit – Carton quantity: 1 Includes: two 15" flexible water connectors, two 3/4", 2" long pipe nipples, two 3/4" pipe connectors, two 1/2" pipe connectors, two 3/4" x 1/2" reducer bushings, one 5-foot roll of Teflon tape, one wire clamp, two wire nuts.	
9001740	Electric Cord Set – 240 Volt Carton quantity: 1	9000068

ALUMINUM WATER HEATER DRAIN PANS, WITH FITTING

Diameter of drain pan should be a minimum of 4" greater than diameter of water heater. Drain pans equipped with fitting to direct water to floor drain or to outside of homes.

Part No.	Quantity Per Box*	Description
9002846	6	20" Diameter Drain Pan
9000741	1	20" Diameter Drain Pan
9002847	6	22" Diameter Drain Pan
9001609	1	22" Diameter Drain Pan
9002848	6	24" Diameter Drain Pan

Part No.	Quantity Per Box*	Description
9002769	1	24" Diameter Drain Pan
9002849	6	26" Diameter Drain Pan
9000743	1	26" Diameter Drain Pan
9002850	6	28" Diameter Drain Pan
9001608	1	28" Diameter Drain Pan



MOBILE HOME DIRECT-VENT GAS WATER HEATER ROOF JACK KITS

Carton Quantity: 1

Part No.	Description	
9002964	12" Non-Adjustable Vent Kit	T.
9002965	12" to 32" Adjustable Vent Kit	W
9002966	32" to 60" Adjustable Vent Kit	
9002967	60" to 95" Adjustable Vent Kit	9002965

DIRECT-VENT GAS WATER HEATER ACCESSORIES

Carton Quantity: 1

Part No.	Description		
9001246	10" to 15-1/2" Adjustable Vent Kit	9001246	
9001247	15-1/2" to 26-1/2" Adjustable Vent Kit		
9001248	26-1/2" to 48" Adjustable Vent Kit		
9000915	Direct Vent – Vent Cap Protector Grill	9000915	REED



^{* 1} box per carton.

PEX POLYMER T&P VALVE DISCHARGE PIPE

Required for installation on T&P Valve, to direct discharge to drain pan or floor drain.

PEX polymer can be easily trimmed to proper length (to within 8" of floor).

Carton Quantity: 1 box of 10

Part No.	Description	
9002273	3/4" T&P Valve Discharge Pipe – Length: 55"	9002273

PEX POLYMER WATER HEATER DIP TUBE (COLD WATER INLET TUBE)

Dip tubes carry cold water to the bottom of the tank for maximum hot water delivery. Tube must be trimmed to exact same length as original dip tube. Carton Quantity: 1

Part No.	Description	
9001596	52" Long PEX Polymer Dip Tube	9001596

WATER HEATER DRAIN VALVES

These are the same drain valves that come as original equipment on many water heaters. They will fit all makes. Select the valve that is long enough to clear the insulation between the jacket and the tank. Carton Quantity: 10

Part No.	Description	
9000254	5/8" Drain Valve	8
9000058	2" Drain Valve	
9003098	3" Drain Valve	9000254

WATER HEATER ANODE ROD

Anode rods protect the tank from corrosion.

To extend tank life, flush the tank and replace the anode rod every year. 9000029 Anode Rod fits all water heaters. It can be cut to fit shorter tanks.

Carton Quantity: 1

Part No.	Description	
9000029	29" Aluminum Anode Rod	
9001829	22" Magnesium Anode Rod	
9001453	29" KA-90 Aluminum Anode Rod for Smelly Water Applications	9000029



WATER HEATER STANDS

Most codes require an 18" stand when installing certain gas water heaters in a garage, shop area or closet. Water heater stands are also ideal for elevating the heater for ease of future service to protect it from water in basements or garages where rising water could be a concern. Easy to assemble. Carton quantity: 1

Part No.	Description	TTT .
9005743	18" x 18" x 18" High Water Heater Stand	
9005744	23-3/4" x 23-3/4" x 18" High Water Heater Stand	9005743

WATER HEATER EXPANSION TANKS

Protects the water heater and complies with warranty requirements of most water heater manufacturers. Required by code for water heater installations in most homes. Protects plumbing system and water heater from high water pressure spikes caused by thermal expansion and water hammer. Easy to install. Carton quantity: 1

Part No.	Model Number	Description	CONTROL OF THE PARTY OF THE PAR
9850048000	ETC-2X	2-Gallon Expansion Tank, for water heaters up to 50 gallons	
9850049000	ETC-5X	5-Gallon Expansion Tank, for water heaters up to 75 gallons	
9850070000	ETC-10X	10-Gallon Expansion Tank, for 75 gallons and larger water heaters	9850048000

WATER CONNECTORS, NIPPLES AND FITTINGS

PEX polymer-lined nipples comply with dielectric waterway fittings requirements of many municipal plumbing codes. Dielectric waterway nipples help protect the tank from corrosion caused when a dissimilar metal like copper is connected directly to the tank. High-quality PEX nipples will not corrode shut, leak or clog with lime scale like plain galvanized nipples commonly do. 2 per package. Carton quantity: 1

Part No.	Description	9000322	9000060
9000060	3/4" x 15" Flexible Water Connectors		
9000511	3/4" x 18" Flexible Water Connectors		
9000322	3/4" x 2" PEX Polymer-lined Nipples		
9002563	3/4" x 2-1/2" PEX Polymer-lined Nipples		
9002564	3/4" x 3" PEX Polymer-lined Nipples		
9002565	1" x 2-1/2" PEX Polymer-lined Nipples		
9000415	Energy-saving Silencer Heat Traps 3/4" x 3"for water heater inlet and outlet connections		
9000061	1/2" Compression Fittings		
9000062	3/4" Compression Fittings	9000415	9000061

RELIANCE

A Water Heater For Every Customer's Need.

Reliance is the ultimate water heater source for retailers and their customers. The Reliance "Good-Better-Best" selection covers all the bases when it comes to gas and electric water heaters, including direct-vent, power-vent and power direct-vent gas, and point of use electric units. For water heaters, parts and accessories, Reliance has everything a retailer needs to offer one-stop convenience for "do-it-yourself" consumers and professional plumbing contractors.





