

Condensing Residential/Light Duty Commercial Gas, Ultra Low NOx



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.)		Hot Water Output (GPM)		
		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	7.0	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	7.0	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.

* ENERGY STAR® Qualified Models. † These models are equipped with a factory-installed hot water recirculation loop pump.

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

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.)		Hot Water Output (GPM)		
		Minimum	Maximum	Natural	Propane	Maximum	45°F Rise	70°F Rise
TS-110U-I*	Indoor	15,000	140,000	0.81	0.81	6.6	5.2	3.3
TS-310U-I*	Indoor	15,000	190,000	0.81	0.81	8.0	7.0	4.5
TS-510U-I*	Indoor	15,000	199,000	0.81	0.81	10.0	7.3	4.7
TS-110U-E*	Outdoor	15,000	140,000	0.81	0.81	6.6	5.2	3.3
TS-310U-E*	Outdoor	15,000	190,000	0.81	0.81	8.0	7.0	4.5
TS-510U-E*	Outdoor	15,000	199,000	0.81	0.81	10.0	7.3	4.7

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

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

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.)		Hot Water Output (GPM)		
		Minimum	Maximum	Natural	Propane	Maximum	45°F Rise	70°F Rise
TS-310C-GI*	Indoor	15,000	190,000	0.81	0.81	8.0	6.9	4.4
TS-510C-GI*	Indoor	15,000	199,000	0.81	0.81	10.0	7.1	4.5

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