



ENERGY STAR® QUALIFIED

# Residential / Commercial Gas Tankless Water Heaters



## Tankless High-Efficiency Condensing Models

### DESIGNED FOR PERFORMANCE

- Condensing technology provides 0.95 Energy Factor
- Primary heat exchanger is constructed of commercial-grade copper which is more resilient against erosion
- Secondary heat exchanger is made of Type 316L Stainless Steel to protect against corrosion
- Continuous maximum flow rates up to 10.0 GPM
- ENERGY STAR® qualified
- Available in natural gas (NG) or propane (LP)
- Can be used in both residential and commercial applications
- Electronic ignition - no pilot light
- Includes a built-in temperature controller and advanced diagnostics for easy troubleshooting
- Factory-installed power cord
- Easy-Link up to 4 units with no additional parts or accessories needed using built-in Easy-Link System
- Multi-link up to 20 units with a multi-unit controller (TM-MC02)
- Internal freeze protection system

### KEEPING YOU SAFE

- Air-Fuel Ratio (AFR) sensor
- Exhaust & water temperature safety control
- Overheat cut-off fuse

### POWER DIRECT VENT DESIGN

- Exhaust, 3" venting up to 70 equivalent feet or 4" venting up to 100 equivalent feet
- Provides flexible venting with ULC S636 approved PVC, CPVC or polypropylene pipe for intake and exhaust (solid core only)
- Category III/IV Stainless Steel venting can also be used

### OPTIONAL ACCESSORIES

- Remote temperature controller for temperatures up to 167°F (TM-RE42)
- Remote temperature controller for temperatures up to 185°F (TM-RE40)
- Pipe cover (TH-PC03)
- Condensate neutralizer kit (TH-NT01)
- Isolation valve kits with pressure relief valve (TK-IV01-AB)
- PVC concentric vent termination kit (TH-CVPC33)

### LIMITED WARRANTY

- 15-year limited warranty on heat exchanger in residential applications
- 10-year limited warranty on heat exchanger in commercial applications
- 5-year limited warranty on all parts



## GSWT-540H



ANSI Z21.10.3 CSA 4.3



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## SPECIFICATIONS

Model	Fuel Type	Gas Consumption Input		Inlet Gas Pressure		Energy Factor	Flow Rate*		Hot and Cold Gas Connection	Dimensions IN (CM)			Unit Weight LB (KG)
		Min. BTU/h	Max. BTU/h	Min. W.C.	Max. W.C.		@30°F Rise	@70°F Rise		Height	Width	Depth	
GSWT-540H-N	Natural	15,000	199,000	5.0	10.5	0.95	10.0	5.4	¾" NPT	22 ½ (57)	17 ¾ (45)	10 ¾ (27)	59 (27)
GSWT-540H-P	Propane	13,000	199,000	8.0	14.0	0.95	10.0	5.4	¾" NPT	22 ½ (57)	17 ¾ (45)	10 ¾ (27)	59 (27)

15-150 psi Water Pressure. 40 psi or above is recommended for maximum flow.

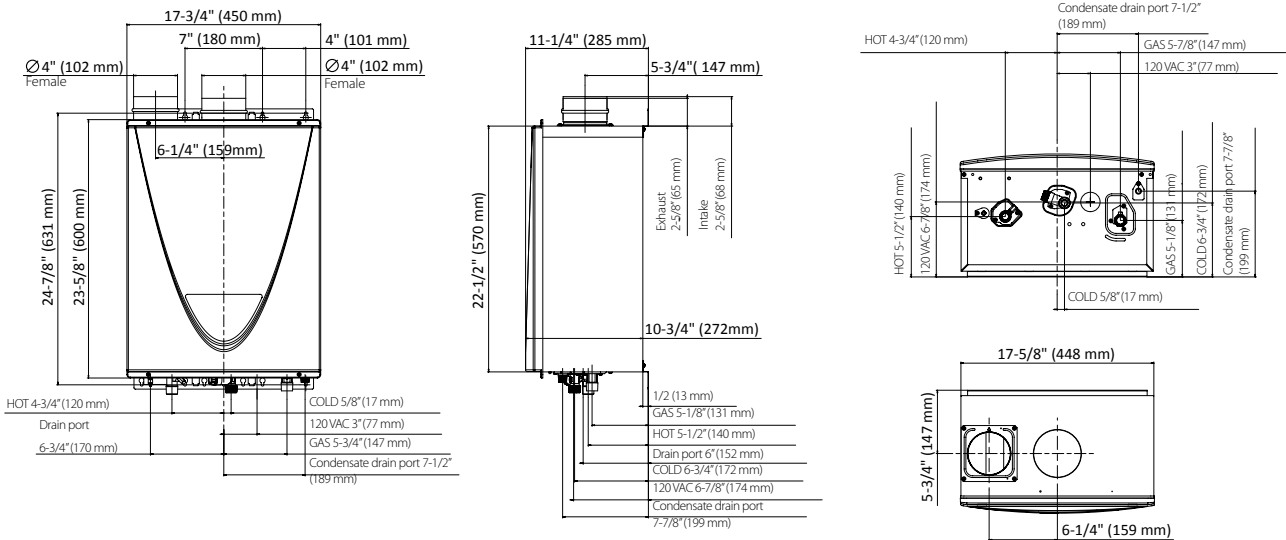
\*Current numbers based on factory testing; 0.4 GPM required for continuous fire after initial ignition.

Models are certified from sea level to 10,100 ft. (3,078 m) elevations.

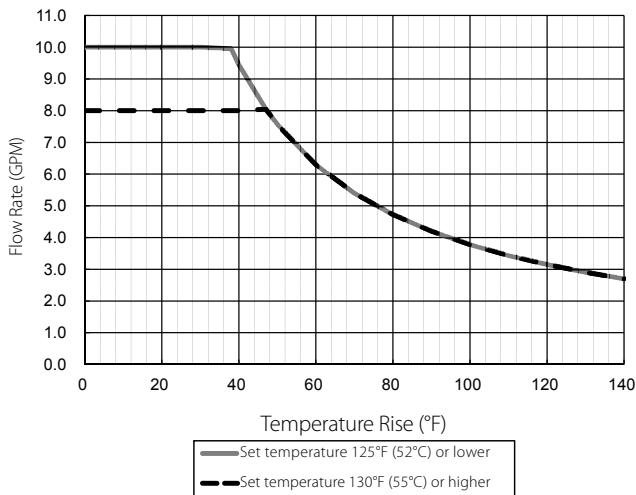
### GSWT-540H DIMENSIONS

**MINIMUM CLEARANCES:** TOP 12", BOTTOM 12", FRONT\* 4", BACK 1", SIDES 3"

\*Recommended 24" clearance from front of unit for maintenance



**Flow Rate vs. Temperature Rise**



**Pressure Loss**

