



# Residential Gas Tankless Water Heaters

## TANKLESS CONDENSING HIGH EFFICIENCY

### FEATURES:

ULTRA-LOW NOX CONDENSING  
TECHNOLOGY PROVIDES 0.93

ENERGY FACTOR (EF)

COMPLIES WITH CALIFORNIA  
SCAQMD RULE 1146.2 AND OTHER  
AIR QUALITY MANAGEMENT  
DISTRICTS WITH SIMILAR NOX  
EMISSION REQUIREMENTS OF 14  
NG/J OR 20 PPM

OPERATES ON 1/2" GAS LINE WITH  
STANDARD GAS PRESSURE

### DURABLE HEAT EXCHANGER

- Copper Primary Heat Exchanger
- Secondary Heat Exchanger is made of Marine Grade Type 316L Stainless Steel to protect against corrosion

CONTINUOUS MAXIMUM FLOW RATES  
UP TO 6.6 GPM

### ENERGY STAR® QUALIFIED

AVAILABLE IN NATURAL GAS OR  
PROPANE (LP)

GTS-140-NIH & GTS-140-NEH CAN  
BE USED IN RESIDENTIAL HOT  
WATER AND HEATING APPLICATIONS  
(CHECK LOCAL CODES)

ELECTRONIC IGNITION -  
NO PILOT LIGHT

INDOOR MODEL - INCLUDES  
A BUILT-IN TEMPERATURE  
CONTROLLER AND ADVANCED  
DIAGNOSTICS TO SIMPLIFY  
TROUBLESHOOTING

OUTDOOR MODEL - INCLUDES A  
WALL MOUNT TEMPERATURE REMOTE  
CONTROLLER AND ADVANCED  
DIAGNOSTICS TO SIMPLIFY  
TROUBLESHOOTING

FACTORY-INSTALLED POWER CORD  
INCLUDED FOR INDOOR MODELS

COMPLIES WITH LEAD FREE  
STANDARDS

### SAFETY FEATURES:

- Air-Fuel Ratio (AFR) Sensor
- Exhaust & Water Temperature Safety Control
- Overheat Cut-Off Fuse

INTERNAL FREEZE PROTECTION  
SYSTEM

### POWER DIRECT VENT DESIGN

- Exhaust, 3" PVC Venting up to 70 feet or 4" PVC Venting up to 100 feet
- Provides flexible venting with PVC, CPVC, or ABS Pipe for Intake and Exhaust (solid core only).
- Category IV Stainless Steel venting can also be used

### ACCESSORIES

- Pipe Cover
- Neutralizer Kit
- Isolation Valve Kits
- Concentric Termination
- Recess Box

### WARRANTY

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

### INDOOR MODEL GTS-140-NIH



### OUTDOOR MODEL GTS-140-NIH



Meets: SCAQMD  
Rule 1146.2  
California and Texas



ANSI Z21.10.3 CSA 4.3

# SOLID. STATE.



Model Number	Type	Gas Consumption Input		Inlet Gas Pressure		Energy Factor (EF)	Maximum GPM*	Hot/Cold Connections	Gas Connection	Dimensions in Inches			Unit Weight (lbs)
		Minimum BTU/H	Maximum BTU/H	Minimum W.C.	Maximum W.C.					Height	Width	Depth	
Indoor Models													
GTS-140-NIH	Natural	15,000	120,000	4.0	10.5	0.93	6.6	3/4" NPT	1/2" NPT	22-7/8	13-7/8	10-13/16	44
GTS-140-PIH	Propane	13,000	120,000	8.0	14.0	0.93	6.6	3/4" NPT	1/2" NPT	22-7/8	13-7/8	10-13/16	44
Outdoor Models													
GTS-140-NEH	Natural	15,000	120,000	4.0	10.5	0.93	6.6	3/4" NPT	1/2" NPT	22-7/8	13-7/8	10-13/16	44
GTS-140-PEH	Propane	13,000	120,000	8.0	14.0	0.93	6.6	3/4" NPT	1/2" NPT	22-7/8	13-7/8	10-13/16	44

All dimensions are in inches.

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

\*Current numbers based on factory testing; 0.5 gpm required for activation; 0.4 gpm required for continuous fire after initial ignition.

Indoor models are certified from sea level to 10,100 ft. elevations.

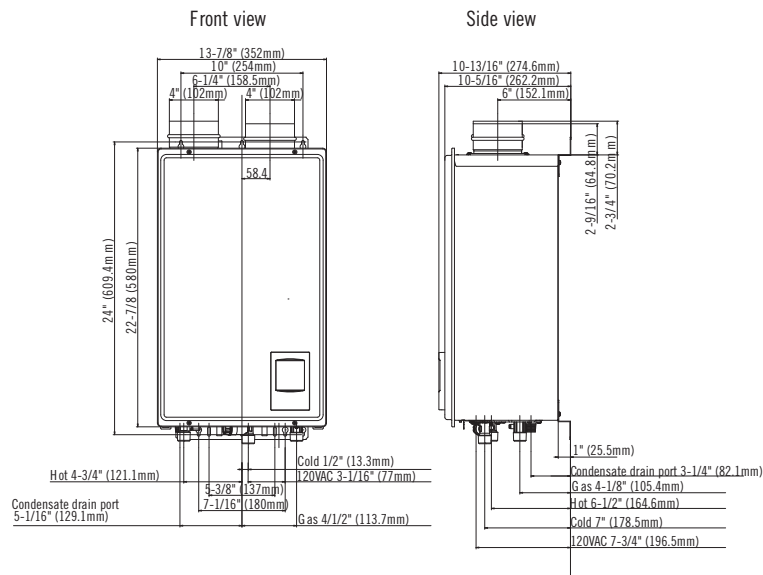
In accordance with ANSI Z21.10.3, CO emission does not exceed 400 PPM for normal input.

The manufacturer reserves the right to discontinue, or change at any time, specifications or designs without notice and without incurring obligation.

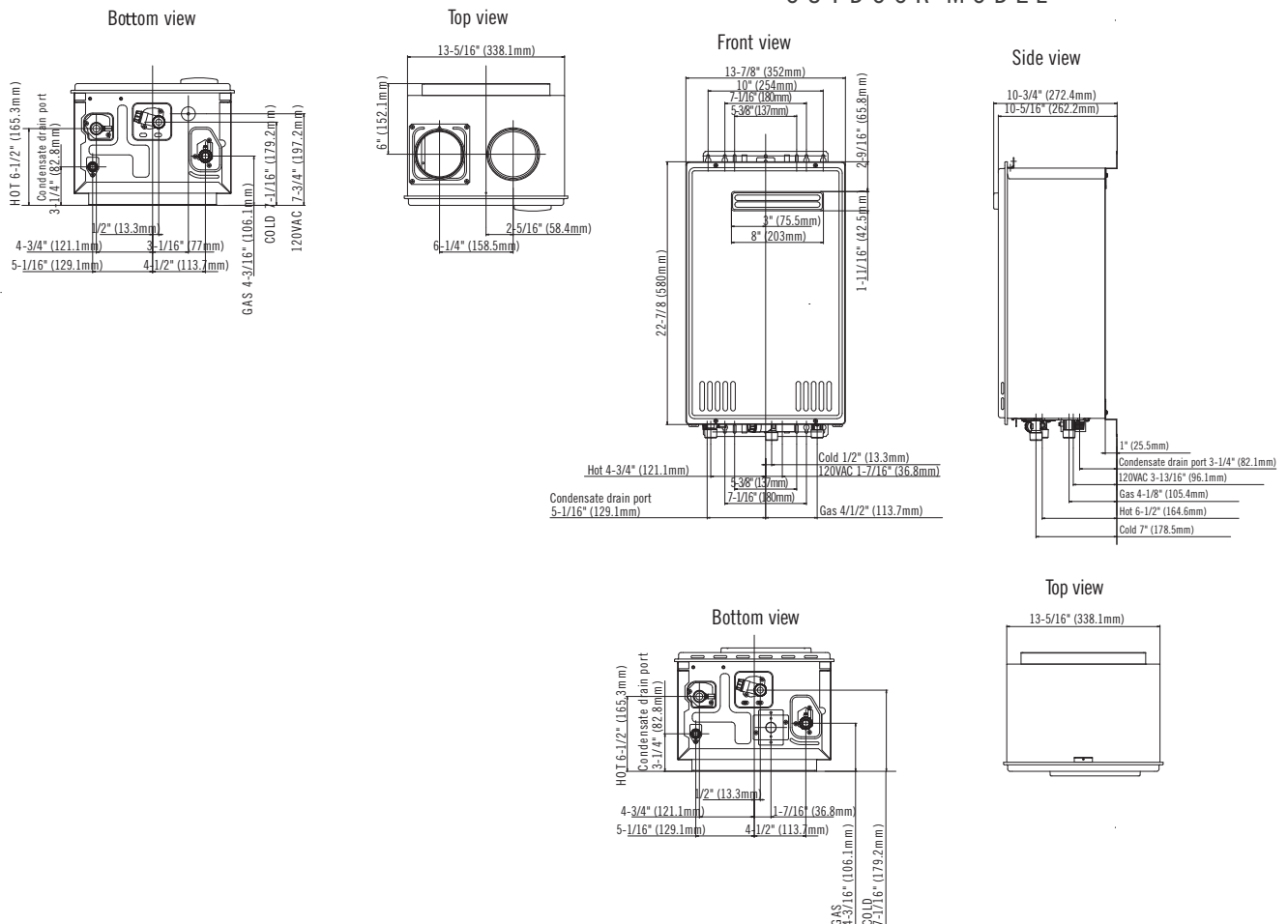
# Residential Gas

## Tankless Water Heaters

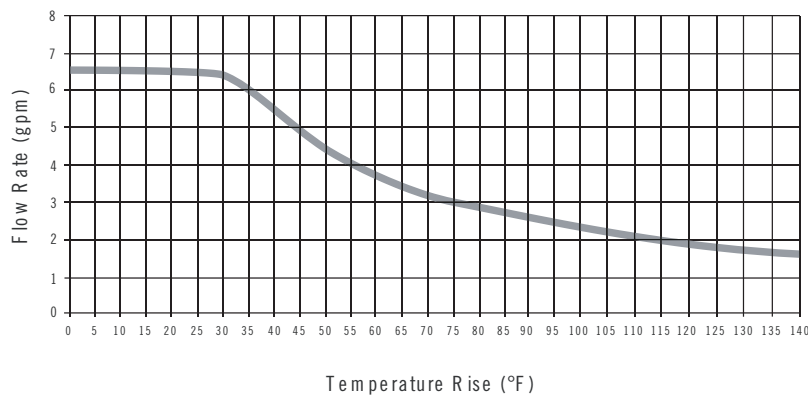
### INDOOR MODEL



### OUTDOOR MODEL



### FLOW RATE vs TEMPERATURE RISE



### PRESSURE LOSS

