



# Residential Gas Tankless Water Heaters

## Tankless Condensing High Efficiency

### FEATURES:

**ULTRA-LOW NOX CONDENSING TECHNOLOGY PROVIDES UP TO 0.91 UNIFORM ENERGY FACTOR (UEF)**

**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**

**AVAILABLE IN NATURAL GAS OR PROPANE (LP)**

**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
- 5-year limited warranty on heat exchanger in commercial applications
- 5-year limited warranty on all parts

**INDOOR MODEL**  
TH3M-IN



**OUTDOOR MODEL**  
TH3M-OS



Meets SCAQMD Rule 1146.2  
California and Texas



ANSI Z21.10.3 CSA 4.3



# Residential Gas Tankless Water Heaters

MODEL NUMBER	TYPE	GAS CONSUMPTION INPUT		INLET GAS PRESSURE		UEF	MAXIMUM GPM*
		MINIMUM BTU/H	MAXIMUM BTU/H	MINIMUM W.C.	MAXIMUM W.C.		
<b>Indoor Models</b>							
<b>T-H3M-IN-N</b>	Natural	15,000	120,000	4.0	10.5	0.90	6.6
<b>T-H3M-IN-P</b>	Propane	13,000	120,000	8.0	14.0	0.90	6.6
<b>Outdoor Models</b>							
<b>T-H3M-OS-N</b>	Natural	15,000	120,000	4.0	10.5	0.91	6.6
<b>T-H3M-OS-P</b>	Propane	13,000	120,000	8.0	14.0	0.91	6.6

MODEL NUMBER	HOT/COLD CONNECTIONS	GAS CONNECTION	DIMENSIONS IN INCHES			APPROX SHIPPING WEIGHT (LBS)
			HEIGHT	WIDTH	DEPTH	
<b>Indoor Models</b>						
<b>T-H3M-IN-N</b>	3/4" NPT	1/2" NPT	22-7/8	13-7/8	10-13/16	54
<b>T-H3M-IN-P</b>	3/4" NPT	1/2" NPT	22-7/8	13-7/8	10-13/16	54
<b>Outdoor Models</b>						
<b>T-H3M-OS-N</b>	3/4" NPT	1/2" NPT	22-7/8	13-7/8	10-13/16	52
<b>T-H3M-OS-P</b>	3/4" NPT	1/2" NPT	22-7/8	13-7/8	10-13/16	52

All dimensions are in inches.

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

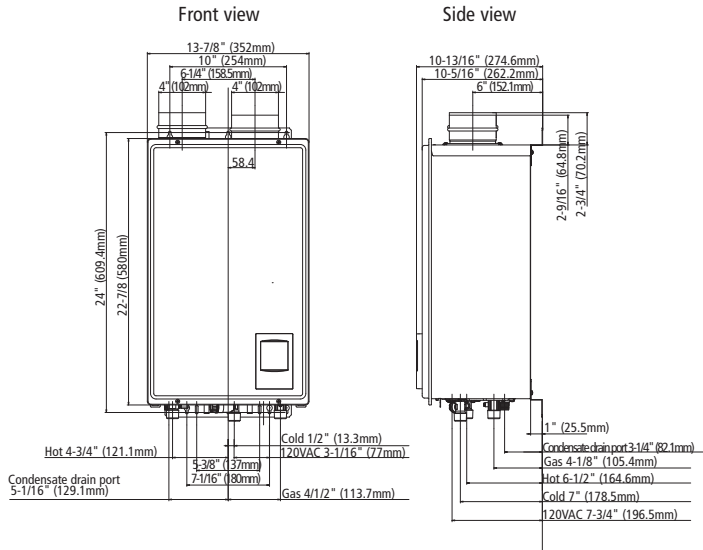
\*Current numbers based on factory testing; 0.5 gpm required for activation; 0.4 gpm required for continuous fire after initial ignition.

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

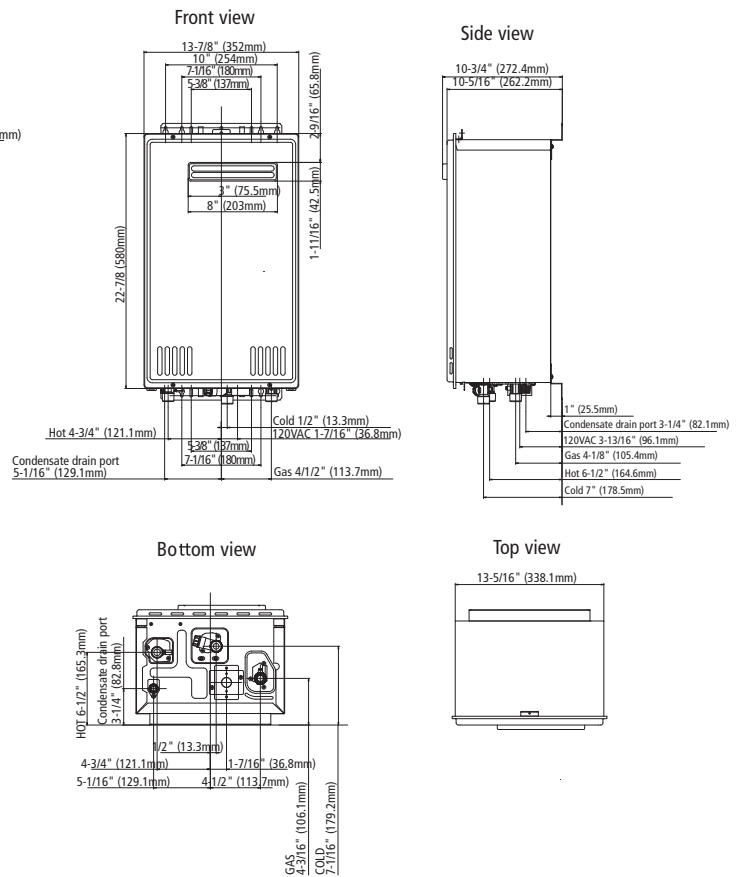
In accordance with ANSI Z21.10.3, CO emission does not exceed 400 PPM for normal input.

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

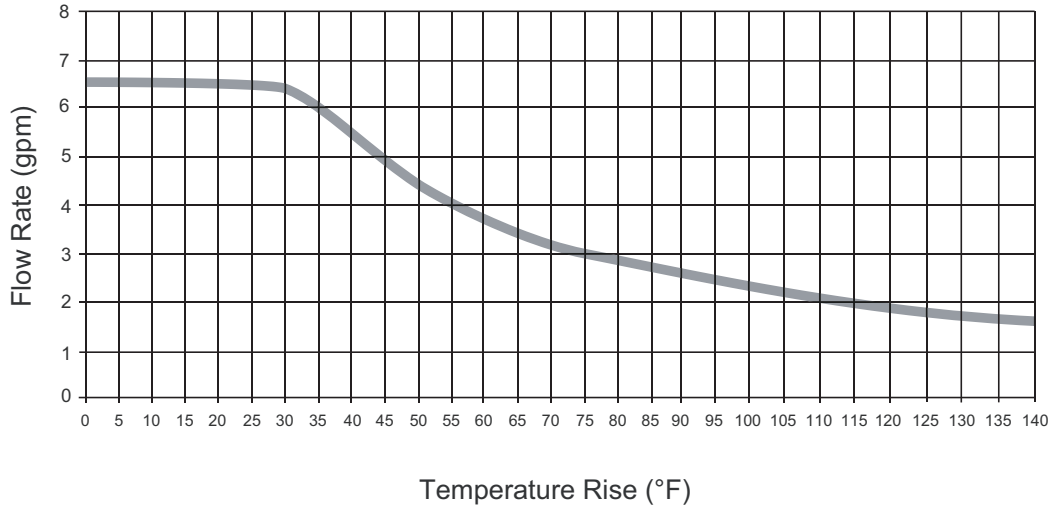
## INDOOR MODEL



## OUTDOOR MODEL



### Flow Rate vs. Temperature Rise



### Pressure loss

