



## Residential Gas Tankless Water Heaters

### TANKLESS RESIDENTIAL MODELS

Fully modulating, gas fired, tankless water heater with sealed combustion (optional) and power vented flue. Indoor and outdoor models available for residential applications. Capable of supplying hot water for domestic hot water systems (directly or indirectly) using water storage tanks, recirculation systems, hydronic heating systems, radiant floor heating systems, and/or combined domestic and heating applications.

### FEATURES

**CONTINUOUS MAXIMUM FLOW RATES UP TO 8.0 GPM**

**ENERGY STAR® QUALIFIED**

**INDOOR AND OUTDOOR MODELS AVAILABLE**

**OUTDOOR MODELS INCLUDE REMOTE CONTROL AS A STANDARD FEATURE**

**INDOOR MODELS INCLUDE BOTH A REMOTE CONTROL AND POWER CORD AS STANDARD FEATURES**

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

**LOW NO<sub>x</sub> EMISSIONS**

**COMPLIES WITH LEAD PLUMBING LAW**

#### SAFETY FEATURES:

- Built in Freeze Protection
- Manual Reset Hi Limit (Set at 185°F)
- Overheat Cutoff Fuse
- Inlet and Outlet Thermistors for Constant Temperature Monitoring
- Air Fuel Ratio Rod
- Flame Sensor

#### VENTING AND COMBUSTION

- 4" Category III Stainless Steel
- Vertical or Horizontal Installation
- 50' Max Length, 5 elbows max (90° elbows = 5' equivalent length)
- Power Vent
- Electronic Ignition - No Pilot Light
- 3" Combustion Air Intake (with optional kit)

#### OPTIONAL ACCESSORIES

- Direct Vent Conversion Kits (indoor)
- Complete Line of Stainless Steel Venting
- Recess Box (outdoor)
- Pipe Cover
- Isolation Valve Kits
- Backflow Preventor
- Concentric Termination Kits

#### WARRANTY

- 12-year limited warranty on heat exchanger in residential applications
- 5-year warranty on all parts



**ATI-310-N  
ATI-310-P**



**ATO-310-N  
ATO-310-P**



ANSI Z21.10.3

CSA 4.3



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## TANKLESS RESIDENTIAL MODELS

| MODEL NUMBER | FUEL TYPE | GAS CONSUMPTION INPUT |            | ENERGY FACTOR | INLET GAS PRESSURE |           | MAX GPM* | DIMENSIONS (INCHES) |        |       | VOLT | AMP  | FLUE**  | INTAKE (OPTIONAL) | HOT/COLD GAS CONN. | APPROX. SHIPPING WEIGHT (LBS) |
|--------------|-----------|-----------------------|------------|---------------|--------------------|-----------|----------|---------------------|--------|-------|------|------|---------|-------------------|--------------------|-------------------------------|
|              |           | MIN. BTU/H            | MAX. BTU/H |               | MIN. W.C.          | MAX. W.C. |          | HEIGHT              | WIDTH  | DEPTH |      |      |         |                   |                    |                               |
| ATI-310-N    | Natural   | 11,000                | 190,000    | 0.82          | 5.0                | 10.5      | 8.0      | 20-1/2              | 13-4/5 | 8-1/2 | 120  | 0.73 | 4" O.D. | 3" O.D.           | 3/4" NPT           | 43                            |
| ATI-310-P    | Propane   | 11,000                | 190,000    | 0.82          | 8.0                | 14.0      | 8.0      | 20-1/2              | 13-4/5 | 8-1/2 | 120  | 0.77 | 4" O.D. | 3" O.D.           | 3/4" NPT           | 43                            |
| ATO-310-N    | Natural   | 11,000                | 190,000    | 0.82          | 5.0                | 10.5      | 8.0      | 20-1/2              | 13-4/5 | 8-1/2 | 120  | 0.77 | N/A     | N/A               | 3/4" NPT           | 43                            |
| ATO-310-P    | Propane   | 11,000                | 190,000    | 0.83          | 8.0                | 14.0      | 8.0      | 20-1/2              | 13-4/5 | 8-1/2 | 120  | 0.77 | N/A     | N/A               | 3/4" NPT           | 43                            |

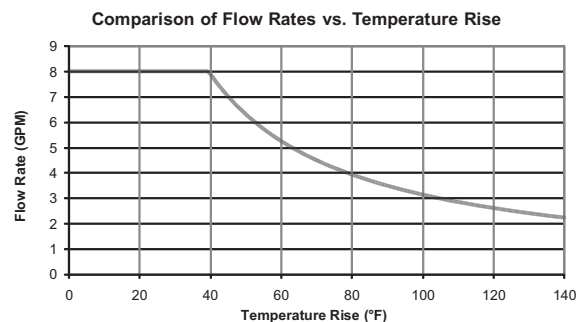
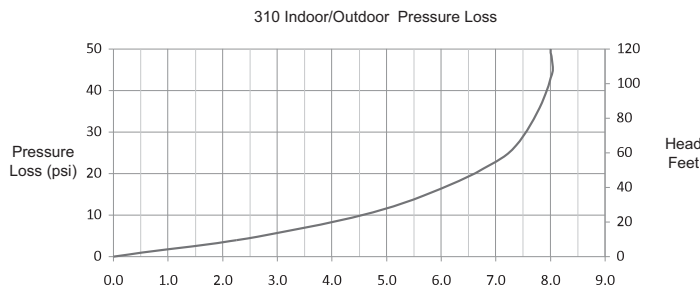
All dimensions in inches.

15-150 psi water pressure. 40 psi or above recommended for maximum flow.

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

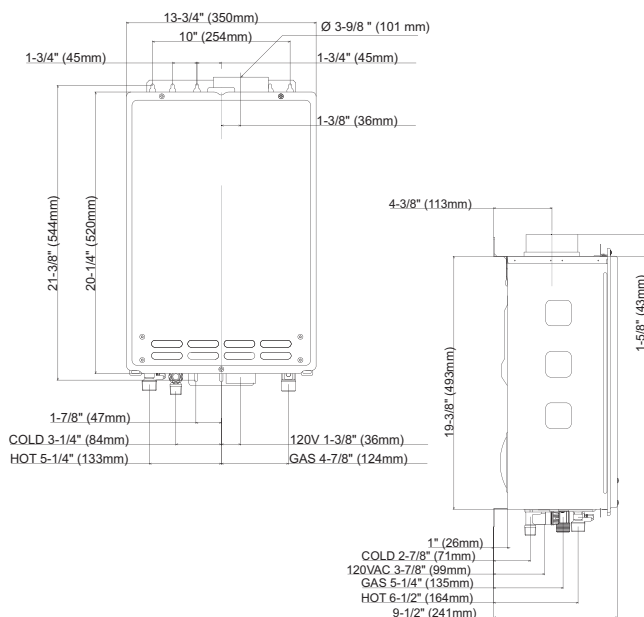
\*\*Category III required

Pressure only relief valve requires (Min. 200,000 BTUs. 150 PSI). Min 40 PSI or above recommended for maximum flow.



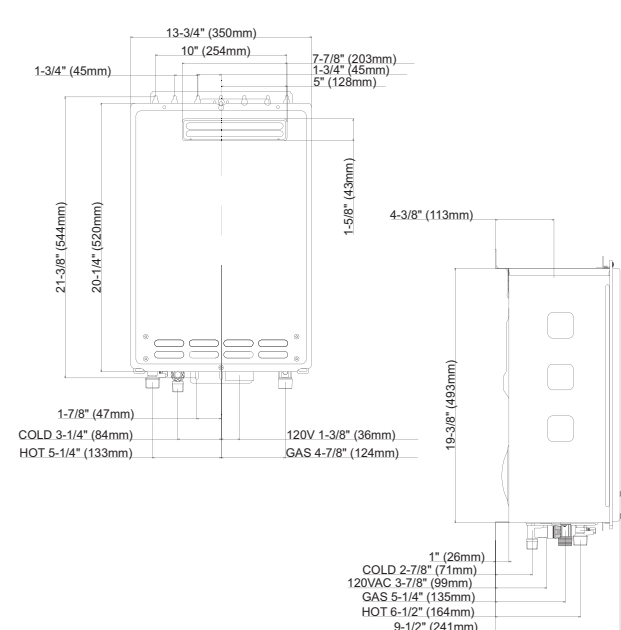
### 310 INDOOR DIMENSIONS

CLEARANCES: Top 12", Bottom 12", Front 24", Back 1", Sides 2"



### 310 OUTDOOR DIMENSIONS

CLEARANCES: Top 36", Bottom 12", Front 24", Back 1", Sides 2"



For Technical Information call 1-877-737-2840. A. O. Smith Corporation reserves the right to make product changes or improvements without prior notice.