



# Condensing High-Efficiency Gas Tankless



**INDOOR MODELS**  
ATI-320H-N, ATI-320H-P



**INDOOR MODELS**  
ATI-520H-N, ATI-520H-P

**OUTDOOR MODELS**  
ATO-320H-N, ATO-320H-P

**OUTDOOR MODELS**  
ATO-520H-N, ATO-520H-P



**.91**  
Energy Factor

**PVC**  
Venting

**0"**  
Clearance Venting

## COMPARISON

FEATURES	NAVIEN	NORITZ	A. O. SMITH
Robust temperature safety controls to prevent PVC meltdowns	NO Only one HL switch	NO Only one HL switch	<b>YES!</b> One HL switch with additional thermistor to monitor exhaust temperatures
SS#316L for secondary HX	NO	NO	<b>YES!</b>
3-digit display window that shows temperature and error codes for easy troubleshooting	NO	NO	<b>YES!</b>
Outdoor Specific Model Available	NO	NO (requires vent cap)	<b>YES!</b>
Included PVC adapter	NO	NO	<b>YES!</b>

## FEATURES

- ENERGY STAR® Qualified
- Standard PVC Venting can be used in all applications (adaptor included in the box)
- Up to 16 different temperature settings without a remote
- Built-in temperature and error code display
- CSA certified software
- AFR (Air-Fuel Ratio) Sensor

## SPECIFICATIONS

MODEL NUMBER	GAS CONSUMPTION INPUT		INLET GAS PRESSURE		ENERGY FACTOR	MAX GPM*	HOT/COLD AND GAS CONN.	DIMENSIONS IN INCHES			APPROX. SHIPPING WEIGHT (LBS)
	MINIMUM BTU/H	MAXIMUM BTU/H	MINIMUM W.C.	MAXIMUM W.C.				HEIGHT	WIDTH	DEPTH	
<b>INDOOR</b>											
ATI-320H-N	13,000	180,000	5.0	10.5	0.91	8.0	3/4" NPT	25.6	18.5	12.4	73
ATI-520H-N	13,000	199,000	5.0	10.5	0.91	9.0	3/4" NPT	25.6	18.5	12.4	73
<b>OUTDOOR</b>											
ATO-320H-N	13,000	180,000	5.0	10.5	0.91	8.0	3/4" NPT	25.6	18.5	12.4	73
ATO-520H-N	13,000	199,000	5.0	10.5	0.91	9.0	3/4" NPT	25.6	18.5	12.4	73

For propane, change "N" to "P" in model number (ATO-320H-P)



# Non-Condensing Gas Tankless

## 110 MODELS – SPECIFICATIONS

MODEL NUMBER	GAS CONSUMPTION INPUT		INLET GAS PRESSURE		ENERGY FACTOR	MAX GPM	HOT/COLD AND GAS CONN.	DIMENSIONS IN INCHES			APPROX. SHIPPING WEIGHT (LBS)
	MINIMUM BTU/H	MAXIMUM BTU/H	MINIMUM W.C.	MAXIMUM W.C.				HEIGHT	WIDTH	DEPTH	
<b>INDOOR</b>											
ATI-110-N	19,500	140,000	5.0	10.5	0.82	6.6	3/4" NPT	20.5	13.8	6.7	38
ATI-110-P	19,500	140,000	8.0	14.0	0.83	6.6	3/4" NPT	20.5	13.8	6.7	38
<b>OUTDOOR</b>											
ATO-110-N	19,500	140,000	5.0	10.5	0.82	6.6	3/4" NPT	20.5	13.8	6.7	38
ATO-110-P	19,500	140,000	8.0	14.0	0.82	6.6	3/4" NPT	20.5	13.8	6.7	38

## 310 MODELS – SPECIFICATIONS

MODEL NUMBER	GAS CONSUMPTION INPUT		INLET GAS PRESSURE		ENERGY FACTOR	MAX GPM	HOT/COLD AND GAS CONN.	DIMENSIONS IN INCHES			APPROX. SHIPPING WEIGHT (LBS)
	MINIMUM BTU/H	MAXIMUM BTU/H	MINIMUM W.C.	MAXIMUM W.C.				HEIGHT	WIDTH	DEPTH	
<b>INDOOR</b>											
ATI-310-N	11,000	190,000	5.0	10.5	0.82	8.0	3/4" NPT	20.5	13.8	8.5	43
ATI-310-P	11,000	190,000	8.0	14.0	0.82	8.0	3/4" NPT	20.5	13.8	8.5	43
<b>OUTDOOR</b>											
ATO-310-N	11,000	190,000	5.0	10.5	0.82	8.0	3/4" NPT	20.5	13.8	8.5	43
ATO-310-P	11,000	190,000	8.0	14.0	0.82	8.0	3/4" NPT	20.5	13.8	8.5	43

## 510 MODELS – SPECIFICATIONS

MODEL NUMBER	GAS CONSUMPTION INPUT		INLET GAS PRESSURE		ENERGY FACTOR	MAX GPM	HOT/COLD AND GAS CONN.	DIMENSIONS IN INCHES			APPROX. SHIPPING WEIGHT (LBS)
	MINIMUM BTU/H	MAXIMUM BTU/H	MINIMUM W.C.	MAXIMUM W.C.				HEIGHT	WIDTH	DEPTH	
<b>INDOOR</b>											
ATI-510-N	11,000	199,000	5.0	10.5	0.82	10.0	3/4" NPT	20.5	13.8	8.5	45
ATI-510-P	11,000	199,000	8.0	14.0	0.82	10.0	3/4" NPT	20.5	13.8	8.5	45
<b>OUTDOOR</b>											
ATO-510-N	11,000	199,000	5.0	10.5	0.82	10.0	3/4" NPT	20.5	13.8	8.5	45
ATO-510-P	11,000	199,000	8.0	14.0	0.82	10.0	3/4" NPT	20.5	13.8	8.5	45

	On/Off	Temperature Control (increase/decrease)	Temp Display	Temp Range	Fahrenheit & Celsius	Inlet Water Temperature	Outlet Water Temp	Water Flow (GPM)	*Energy Saving Mode	Clock/Time	Diagnostics	Error Codes	Error Code History	Scale Detection Code	Audible Alert	Priority Button/Indicator	Additional Controllers
A. O. SMITH Remote Controller	✓	✓	✓	99 - 175 or 185	✓	✓	✓	✓	✓	✓	✓	✓	Yes (3)	✗	Beeps	✗	✗

