



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

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	
INDOOR											
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
OUTDOOR											
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	
INDOOR											
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
OUTDOOR											
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	
INDOOR											
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
OUTDOOR											
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	
INDOOR											
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
OUTDOOR											
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	✗	✗

