



Residential / Light Commercial Gas On-Demand Water Heaters

ON-DEMAND HIGH EFFICIENCY CONDENSING OUTDOOR MODELS

FEATURES

CONDENSING TECHNOLOGY PROVIDES SIGNIFICANT ENERGY COST SAVINGS

PRIMARY HEAT EXCHANGER IS CONSTRUCTED OF HRS35 COMMERCIAL- GRADE COPPER

Stronger than standard copper and more resilient against erosion

SECONDARY HEAT EXCHANGER IS MADE OF TYPE 316L STAINLESS STEEL

Provides additional protection against corrosion

CONTINUOUS MAXIMUM FLOW RATES UP TO 9.0 GPM

CAN BE USED IN BOTH RESIDENTIAL AND LIGHT COMMERCIAL APPLICATIONS

ENERGY STAR® QUALIFIED

ELIGIBLE FOR FEDERAL TAX CREDIT

Visit www.hotwater.com for more information

EASY-LINK UP TO 4 UNITS

With no additional parts or accessories needed

ELECTRONIC IGNITION-NO PILOT LIGHT

BUILT-IN DISPLAY SHOWS OPERATING TEMPERATURE ALONG WITH DIAGNOSTIC AND ERROR CODES

LOW NO_x EMISSIONS

COMPLIES WITH LEAD PLUMBING LAW

SAFETY FEATURES:

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

INTERNAL FREEZE PROTECTION SYSTEM

ACCESSORIES

Remote Temperature Controller
Pipe Cover
Neutralizer Kit
Plumbing Installation Kits

WARRANTY

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



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



ANSI Z21.10.3

CSA 4.3

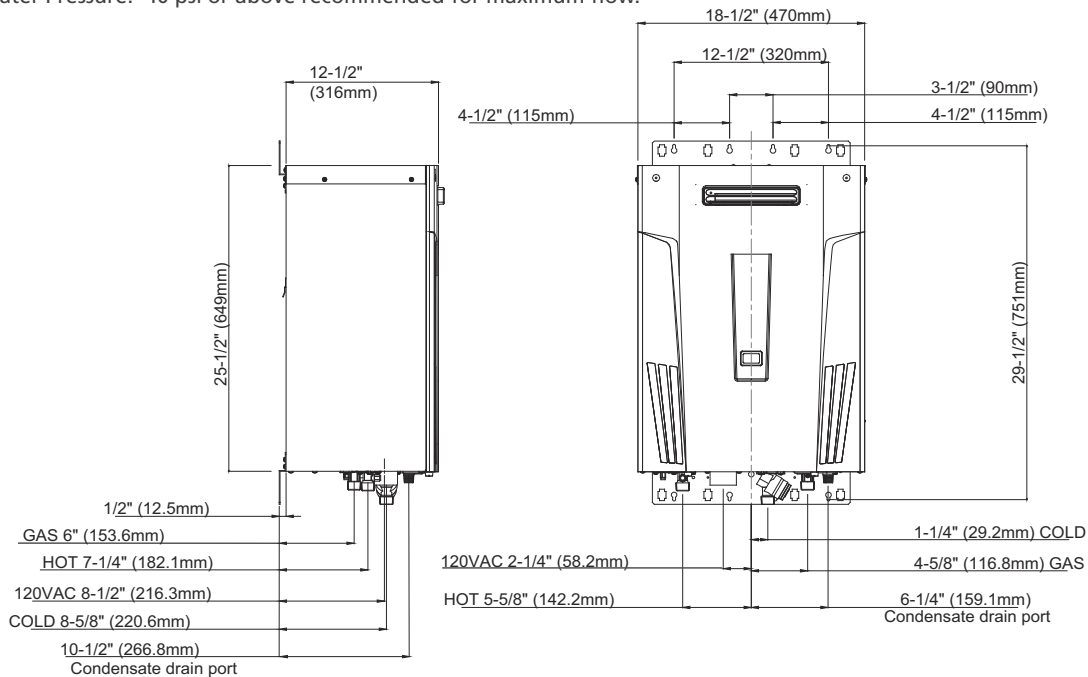


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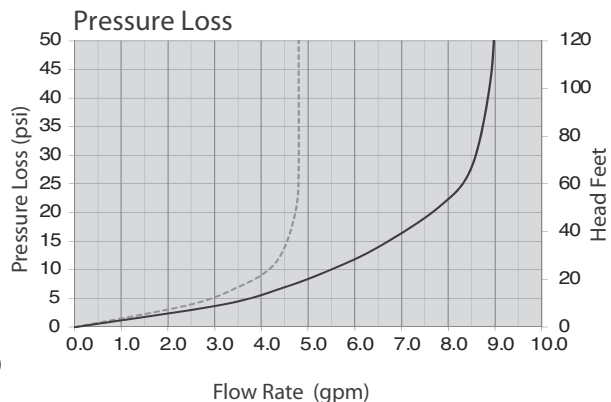
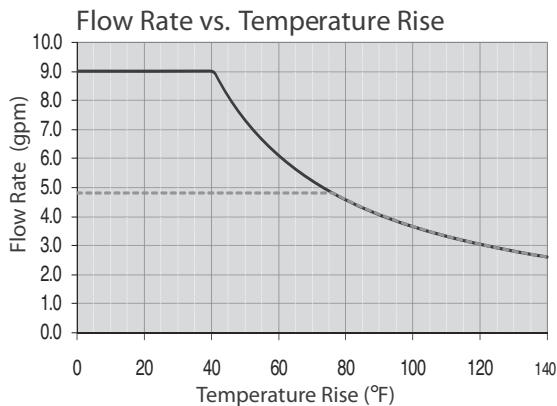
OUTDOOR CONDENSING MODELS

MODEL NUMBER	FUEL TYPE	GAS CONSUMPTION INPUT		INLET GAS PRESSURE		ENERGY FACTOR	HOT/COLD GAS CONN.	DIMENSIONS IN INCHES			APPROX. SHIPPING WEIGHT (LBS)
		MINIMUM BTU/H	MAXIMUM BTU/H	MINIMUM W.C.	MAXIMUM W.C.			HEIGHT	WIDTH	DEPTH	
ATO-520H-N	Natural	13,000	199,000	5.0	10.5	0.91	3/4" NPT	25.6	18.5	12.4	73
ATO-520H-P	Propane	13,000	199,000	8.0	14.0	0.91	3/4" NPT	25.6	18.5	12.4	70

All dimension in inches.
15-150 psi Water Pressure. 40 psi or above recommended for maximum flow.



CLEARANCES: Top: 36"; Bottom: 12"; Front: 24"; Back: .05"; Sides: 3"



————— Set Temperature : 125 °F & lower
----- Set Temperature: 130 °F & Higher

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