



Residential Gas Water Heaters

Effex®

HIGH EFFICIENCY ATMOSPHERIC GAS WATER HEATER

PRESSURIZED COMBUSTION SYSTEM

Exclusive and patented pressurized combustion chamber with an advanced air intake blower delivers superior efficiency. Much like a turbocharger, the blower distributes an optimum air-to-gas mixture pushing exhaust gases through the highly restricted flue baffle. The end result is the most efficient atmospheric gas product on the market with a .70 Energy Factor (EF).

INSTALLATION FRIENDLY

Allows for easy replacement of standard atmospheric vent heaters. Easily connects to existing B-vent.

FAN-ASSISTED, CATEGORY 1 APPLIANCE

Plugs into standard 110/120V outlet (10 foot power cord included).

24V ELECTRONIC CONTROLS

Tighter differential for more consistent hot water delivery.

ELECTRONIC IGNITION

The durable hot surface ignitor eliminates pilot relight issues (no standing pilot).

LCD USER INTERFACE

Easy-to-read, eye level display. Simple temperature settings and adjustments. Service diagnostics are in plain text.

POWERED ANODE ROD

Powered anodes are non-sacrificial, so they do not deplete over time. Additionally, they provide exceptional performance in all water conditions.

MEETS ENERGY EFFICIENCY REQUIREMENTS FOR MOST GAS UTILITY REBATE PROGRAMS AND IS ENERGY STAR® QUALIFIED

DURABLE TAMPER-RESISTANT BRASS DRAIN VALVE

DYNACLEAN™ DIFFUSER DIP TUBE

Helps reduce lime and sediment buildup, maximizes hot water output. Made from long-lasting PEX cross-linked polymer.

GREEN CHOICE® GAS BURNER

Patented "Eco-Friendly" Green Choice® gas burner reduces NOx emissions by 33% compared to standard burners and meets low NOx requirements of less than 40ng/j.

CSA CERTIFIED AND ASME RATED T&P RELIEF VALVE

CODE COMPLIANCE: UBC, CEC, SBCC, CABO, HUD, BOCA NATIONAL CODES, CURRENT EDITION ASHRAE/IESNA 90.1 AND 2004 NAECA STANDARDS

DESIGN-CERTIFIED BY CSA INTERNATIONAL

According to ANSI Z21.10.1 - CSA 4.1 Standards governing storage-type water heaters.

6-YEAR LIMITED TANK AND PARTS WARRANTY

For complete information, consult written warranty.



SERIES 100 SHOWN





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Effex® HIGH EFFICIENCY

MODEL NUMBER	SERIES	FIRST HOUR RATING	GALLON CAPACITY	ENERGY FACTOR	BTU INPUT PER HOUR	RECOVERY AT 90°F RISE	FOAM THICKNESS (INCHES)	DIMENSIONS IN INCHES								DRAFT HOOD OUTLET	SHIPPING WEIGHT (LBS)
								A	B	C	D	E	F	G	H		
GAHH-40	102	70 GPH	40	0.70	40,000	43	2	61-3/4	58	20	13-1/4	8	51-1/2	23-1/4	25	3 or 4	157
GAHH-50	100	81 GPH	50	0.70	40,000	43	2	60-5/8	57-1/8	22	13-1/4	8	50-1/2	25-1/4	27	3 or 4	171

All dimension in inches.

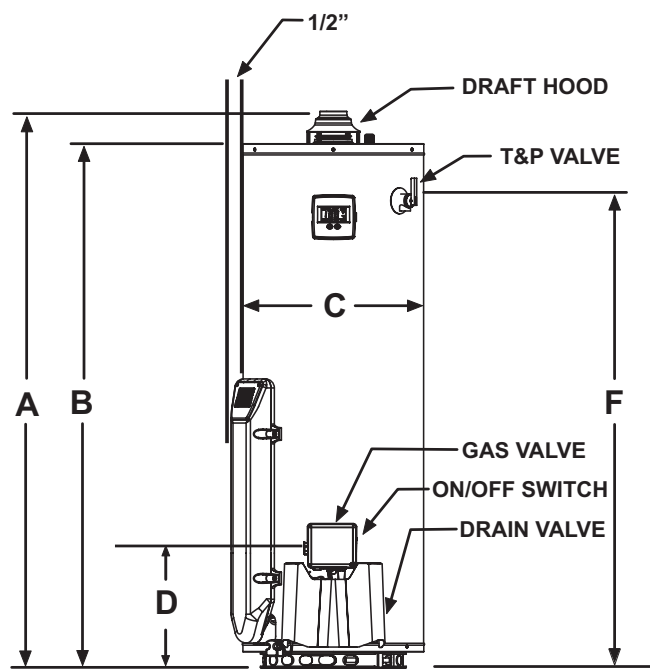
For Canadian models add T25 SMR. i.e. GAHH-40-T25.

Recovery capacity based on actual performance tests.

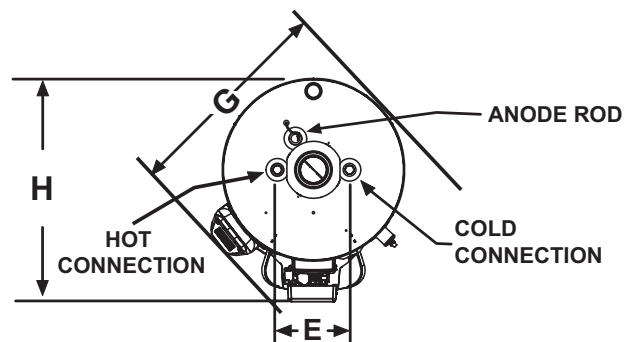
Water Connections – 3/4" on all models.

Not available in LP gas (Propane).

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



FRONT VIEW



TOP VIEW

Maximum Hydrostatic Working Pressure: 150 PSI

Flammable Vapor Ignition Resistant Water Heaters

This A. O. Smith FVIR design meets the American National Standards Institute standards (ANSI Z21.10.1 - CSA 4.1 Standards) that deal with the accidental or unintended ignition of flammable vapors outside the water heater, such as those emitted by gasoline.