



Residential Gas Water Heaters

Effex™

HIGH EFFICIENCY ATMOSPHERIC GAS WATER HEATER

PRESSURIZED COMBUSTION SYSTEM

Exclusive and patented pressurized combustion system, 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 restrictive 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

24V ELECTRONIC CONTROL

- 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

- Non-sacrificial anode does not deplete over time
- Provides exceptional protection in all water conditions

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

CSA CERTIFIED AND ASME RATED T&P RELIEF VALVE

CODES AND STANDARDS

- These models meets the requirements of the BC Energy Efficiency Act

6-YEAR LIMITED TANK AND PARTS WARRANTY

For complete information, consult written warranty or contact
A. O. Smith Water Products Company.



SERIES 100



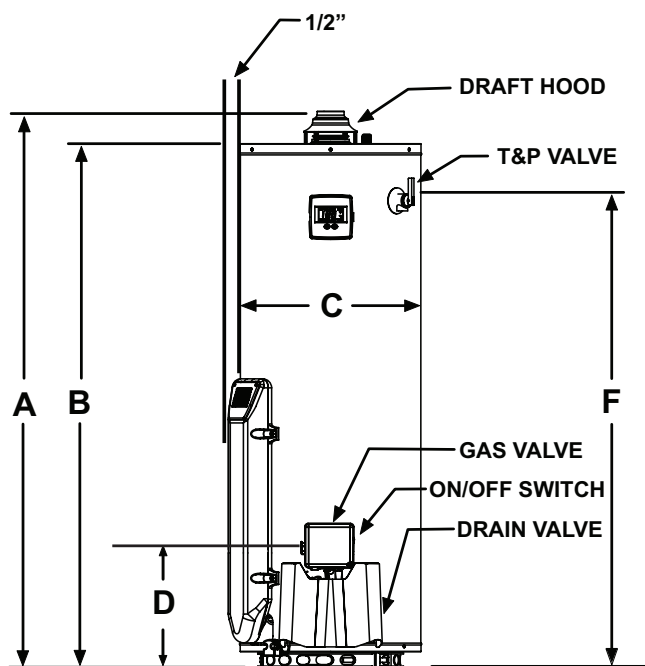


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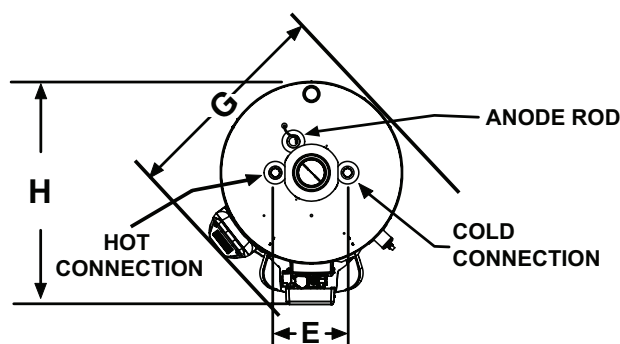
Effex™ HIGH EFFICIENCY

MODEL	FIRST HOUR RATING GALLONS	GALLON CAPACITY	ENERGY FACTOR	BTU INPUT PER HOUR	RECOVERY AT 90° F RISE	FOAM THICKNESS (INCHES)	DIMENSIONS IN INCHES								DRAFT HOOD OUTLET	SHIPPING WEIGHT LB	BC COMPLIANT
							A	B	C	D	E	F	G	H			
GAHH 40	70	40	.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	81	50	.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.
Recovery capacity based on actual performance tests.
Water Connections – 3/4" on all models.
Not available for LP gas (Propane).
Certified for installations up to 5500 ft. elevations.
Maximum hydrostatic working pressure: 150 PSI



FRONT VIEW



TOP VIEW

Flammable Vapour Ignition Resistant Water Heaters

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

For Technical Information, call 1-888-479-8324. A. O. Smith reserves the right to make product changes or improvements without prior notice.