

Essential[®]

Essential Heavy Duty Ultra Low NOx water heaters exceed ANSI standards for flammable vapor ignition resistance

EFFICIENCY

- Recovery Capacity: 72.8 gallons per hour**
- FHR: 135 gallons for 75-gallon model and 150 gallons for 98-gallon model

FLAMMABLE VAPOR DETECTION SYSTEM

- Exclusive fuel shut-off device
- Maintenance free – no filter to clean
- Protective control system that disables the heater in the presence of flammable vapor accumulation

INTEGRATED BURNER SAFETY SYSTEM

- Bi-metal temperature sensor maintains safe burner operation

HIGH ALTITUDE COMPLIANT

- All models are certified for applications up to 10,000 feet above sea level

PLUS...

- Quality anode rod helps protect against tank corrosion
- Integrated self diagnostic system control for easy installation and service
- Eco-friendly burner, ultra low NOx design meets 14 ng/J NOx requirements
- Temperature and pressure relief valve included
- Low lead compliant
- Side water connections for space heating applications
- Standard replacement parts

WARRANTY

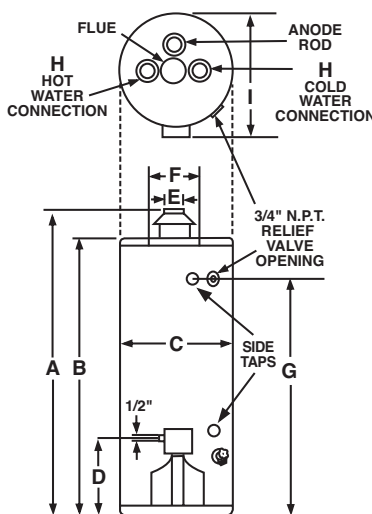
- 6-Year limited tank and parts warranty*
- *See Warranty Certificate for complete information

Efficiency | All models tested according to ANSI test procedures, and meet or exceed the thermal efficiency and standby loss requirements of current ASHRAE standard (EPact). Also exceeds energy efficiency codes of all states including California Energy Commission (CEC).

Safety and Construction | Design certified by CSA: For operation at 160 degrees; meets all safety and construction requirements of ANSI Z21.10.3; as an automatic storage or instantaneous water heater; as an automatic circulating tank water heater; and for operation on combustible floors and in alcove installations. All models are North Carolina Code compliant. **Certified for 150 PSI maximum working pressure.**



Essential Heavy Duty
Ultra Low NOx
75 and 98-Gallon Capacities
75,100 BTU/h
Natural Gas



TYPE	DESCRIPTION			FEATURES				ROUGHING IN DIMENSIONS (SHOWN IN INCHES)								ENERGY INFO.
	NOMINAL GALLON CAPACITY	RATED GALLON CAPACITY	MODEL NUMBER	GAS INPUT IN THOUS. BTU/H NAT.	RECOVERY IN G.P.H. 90° F RISE**	FIRST HOUR RATING (GALLONS)	HT. TO VENT A	TANK HEIGHT B	DIAM. C	HT. TO GAS CONN. D	VENT SIZE E	WATER CONN. CENTER F	HT. TO SIDE T&P VALVE G	WATER CONN. SIZE H	FRONT TO BACK I	SHIP WEIGHT (LBS)
Tall	75	73	6G75-76FN4	75.1	72.8	135	64	60	26-1/4	4	11	52-1/4	1	30-1/4	315	0.59
Tall	98	93	6G98-76FN4	75.1	72.8	150	67-7/8	64	27-1/4	4	11	57-3/8	1	31-1/8	356	0.57

Uniform Energy Factor, Energy Factor and rated gallon capacity based on Department of Energy (DOE) requirements.
**Recovery Capacity is based upon a 90° F water temperature rise and calculated per ANSI Z21.10.3 standards.