

PROLINE® MASTER ULTRA-LOW NO_x COMMERCIAL-GRADE RESIDENTIAL



INTELLIGENT CONTROL LOGIC

- The internal microprocessor provides enhanced operating parameters and tighter differentials for precise sensing and faster heating response to optimize performance.
- Uses a thermopile to generate the power needed to operate the electronic gas control without requiring an external power source
- The electronic gas control incorporates an LED status indicator that monitors system operation and service diagnostics.

HIGH UNIFORM ENERGY FACTORS (UEF)

- Eco-friendly non-CFC foam insulation, heat traps and specially designed combustion chamber combine to produce a high UEF for maximum savings on operating costs.

GREEN CHOICE® GAS BURNER

- Enhanced Ultra-low NO_x burner complies with SCAQMD Rule 1121 and other air quality management districts with similar requirements for NO_x emissions of less than 10 ng/J.

SELF-CLEANING DIP TUBE

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

COREGARD™ ANODE ROD

- Our anode rods have a stainless steel core that extends the life of the anode rod allowing superior tank protection far longer than standard anode rods.
- ProLine Master products have increased anode protection with either longer, or multiple anodes depending on model.

PUSH-BUTTON PIEZO IGNITOR

- Makes lighting the pilot fast and easy with one-hand push-button spark ignition

HEAT TRAP NIPPLES

- Factory-installed for faster installation

BLUE DIAMOND® GLASS COATING

- Provides superior corrosion resistance compared to industry standard glass lining.
- Blue Diamond® Glass coating blend is formulated in the same lab that creates the protection for our industry-leading commercial product line.

ENHANCED-FLOW BRASS DRAIN VALVE

- Our residential water heaters have a solid brass, tamper resistant, enhanced-flow, ball type, drain valve.
- Uses a standard female hose fitting that allows for fast and easy draining during maintenance.
- Designed for easy operation, this valve includes an integral screwdriver slot that features a ¼ turn (open/closer) radius, which not only permits full straight through water flow but also a quick and positive shut off.

CODE COMPLIANCE

- Meets UBC, CEC and HUD National Codes.
- Meets the thermal efficiency and standby loss requirements of the U.S. Department of Energy and current edition of ASHRAE/IES 90.1.
- Complies with the Federal Energy Conservation Standards effective April 16, 2015, in accordance with the Energy Policy Conservation Act (EPCA), as amended.

CSA CERTIFIED AND ASME RATED T&P RELIEF VALVE

- Top-mounted T&P relief valve available as option.

8-YEAR LIMITED TANK AND PARTS WARRANTY





COMMERCIAL-GRADE RESIDENTIAL GAS WATER HEATERS

Model Number	Nominal Capacity	Rated Storage Volume	First Hour Rating (Gallons)	UEF	BTU Input Natural Gas	Recovery @ 90°F Rise Gallon Per Hour	Dimensions in Inches									Approx. Shipping Weight (lbs)
							A	B	C	D	E	F	G*	H*	Draft Hood	
Tall Models																
GU81-40T40	40	38	66	0.54	40,000	41	62	58-1/2	17 3/4	11 1/4	8	51-3/4	N/A	N/A	3 or 4	132
GU82 40T40	40	38	69	0.56	40,000	41	62	58-1/2	19 3/4	11 1/4	8	51 3/4	N/A	N/A	3 or 4	132
GU81-50T40	50	48	84	0.60	40,000	41	61	57-1/2	19 3/4	11 1/4	8	50-1/2	N/A	N/A	3 or 4	161
GU82 50T40	50	48	87	0.63	40,000	41	61	57-1/2	22	11 1/4	8	50-1/2	N/A	N/A	3 or 4	161
GU82 50T50*	50	48	91	0.60	50,000	51	61	57-1/2	22	11 1/4	8	50-1/2	12-1/4	50-1/2	4	177
Short Models																
GU82 40S40	40	38	72	0.57	40,000	41	51-1/2	47-3/4	22	12	8	41-1/4	N/A	N/A	3 or 4	138

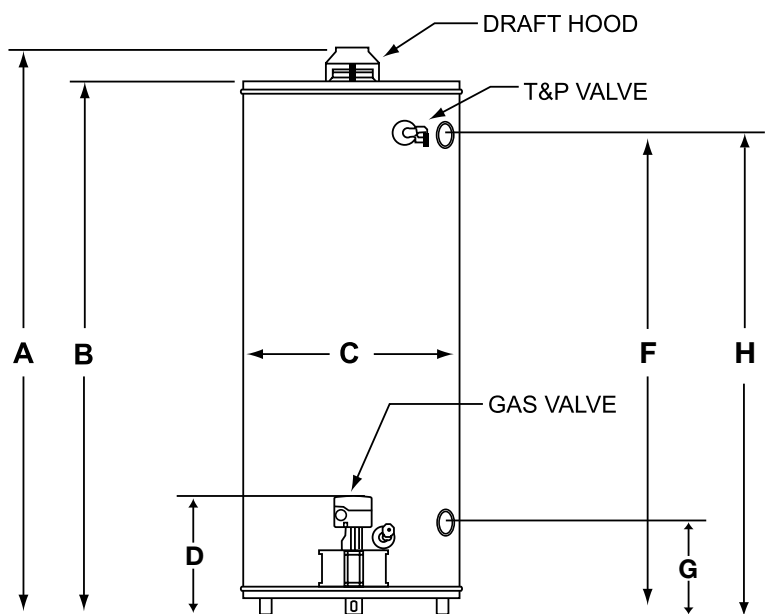
All models may be ordered from the factory with top T&P valve as an option.

*Side loop connections are standard on model GU82-50T50.

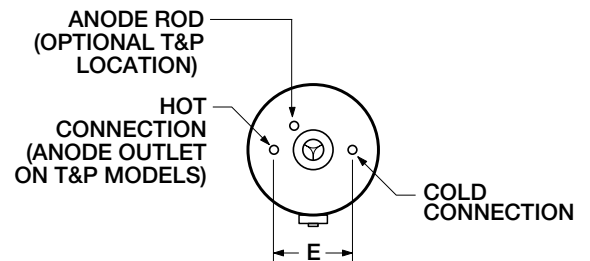
Model with a ring base (GU82-40S40) is certified from sea level to 7,700 ft. elevation.

Models with a leg base (GU82-40T40, GU82-50T40 and GU82-50T50) are certified from sea level to 5,400 ft. elevation.

Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement.



Top View



For technical information call (800) 999-9515. American Water Heaters reserves the right to make product changes or improvements without prior notice.