



### PROLINE® MASTER ULTRA-LOW NO<sub>x</sub> 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 & service diagnostics

#### HIGH UNIFORM ENERGY FACTOR (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<sub>x</sub> burner complies with SCAQMD Rule 1121 and other air quality management districts with similar requirements for NO<sub>x</sub> emissions of less than 10 ng/J

#### DYNACLEAN™ DIFFUSER 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/close) 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 (excluding mobile homes) 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

#### DESIGN-CERTIFIED BY CSA INTERNATIONAL

- Certified at 300 psi test pressure and 150 psi working pressure. Listed according to ANSI Z21.10.1-CSA 4.1 standards governing storage tank-type gas water heaters.

#### 8-YEAR LIMITED TANK AND PARTS WARRANTY

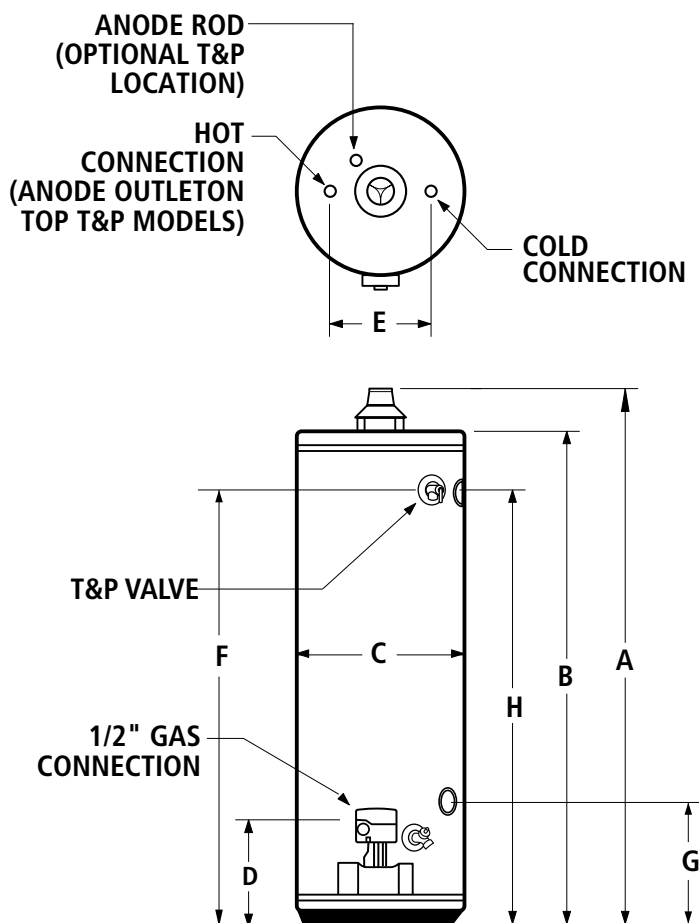


Model Number	Nominal Capacity	Rated Storage Volume	First Hour Rating (Gallons)	UEF	BTU Input Natural Gas	Recovery @ 90°F Rise Gallon Per Hour	Dimensions in Inches									Approx. Shipping Weight (lbs)
							A	B	C	D	E	F	G*	H*	Draft Hood	
Tall Models																
HUC-40	40	38	83	0.64	40,000	41	62	58-1/4	18	12	8	52	N/A	N/A	3 or 4	125
HUR-40	40	38	83	0.64	40,000	41	62	58-1/4	20	12	8	52	N/A	N/A	3 or 4	125
HUC-50	50	48	84	0.61	40,000	42	60-3/4	57-1/4	20	12	8	50-1/2	N/A	N/A	3 or 4	148
HUR-50	50	48	84	0.64	40,000	42	60-3/4	57-1/4	22	12	8	50-1/2	N/A	N/A	3 or 4	148
Short Models																
HURL-40	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.

All models approved for installation from sea level to 10,100 ft.

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



**Maximum Hydrostatic Working Pressure: 150 PSI**

For technical information call 800-527-1953. A. O. Smith Corporation reserves the right to make product changes or improvements without prior notice.