



UHSW Series

Gas-Fired Water Boilers



The Utica Heating SW Series Gas-Fired Water Boiler features a Honeywell High Limit/Electronic Ignition Control:

- Recessed under the boiler's protective jacket
- Digital temperature display and diagnostics
- Plug in connection for the inducer fan
- Plug in connection for the system pump

Control monitors the water temperature and delays the burner starting until residual heat has been transferred. This maximizes efficiency by turning on the burner only when needed.

PRODUCT FEATURES

- Induced Draft Fan – Allows flue gases to be pulled through the boiler and exhausted through a chimney or side-wall vent.
- Quality Heat Exchanger Design – The UHSW Series features a dependable cast iron heat exchanger with cast iron push nipples. The sections and push nipples expand at the same rate when heated. By using similar materials instead of less expensive gaskets, the boiler maintains a water tight seal over time.
- Efficiency – The UHSW Series provides an annual fuel utilization efficiency of up to 84.4% as certified by the US Department of Energy testing standards.
- Warranty – 20 Year Limited Warranty (Residential Applications)

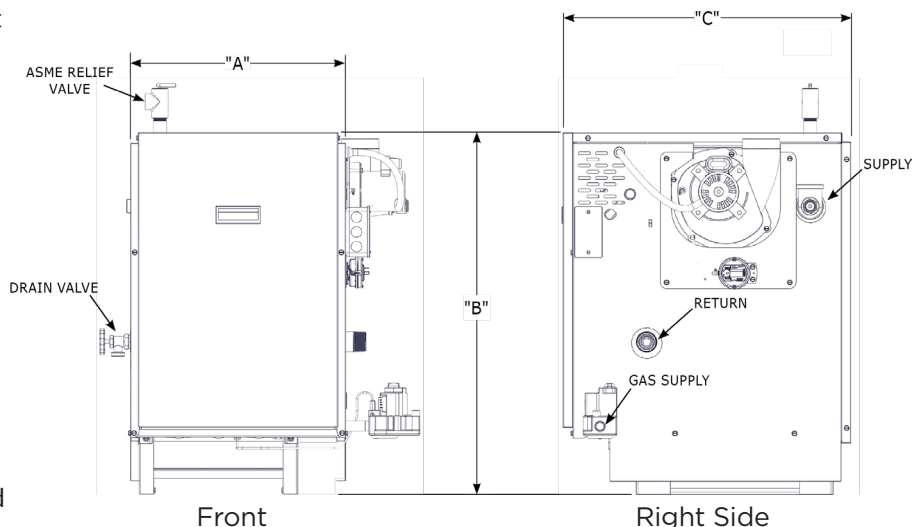
Options:

- Natural Gas or Propane
- Fill-trol
- Thimble
- Sidewall Vent Hood



Standard Equipment:

- Assembled Boiler with Insulated Jacket
- Circulator
- Completely Installed and Wired Gas Control System with Titanium Composite Burners and Manifold consisting of:
 - Automatic Redundant Combination Gas Valve
 - 24 Volt Intermittent Pilot Control
 - Continuous Retry 100% Shut-Off
 - Combination Pilot Burner/Electrode/Flame Sensor
- 24 Volt Transformer, Service Switch
- Flame Roll-Out Safety Shut-Off (Fuse Link) and Pressure Switch (Vent Safety Shut-Off) with Spare Fuse Link Included
- Induced Draft Fan
- Combination Temperature/Pressure Gauge
- A.S.M.E. Relief Valve
- Drain Valve



Options:

- Natural Gas or Propane Conversion Kits, Fill-Trol, Thimble, Sidewall Vent Hood

RATINGS

Model	Input Mbh ⁽¹⁾	Heating Capacity Mbh ⁽¹⁾	Net AHRI Rating Water Mbh ⁽²⁾	Natural Gas Inlet	AFUE	Dimensions (Inches)			Pump Size Supply & Return Tappings	Vent Diameter	
						A (Width)	B (Height)	C (Depth)		To Chimney (3) (Category I)	Horizontal Vent (Category III)
UHSW42	42.5	36	31	1/2"	84.4%	11"	29"	23 1/4"	1 1/4"	4"	3"
UHSW75	75.0	63	55	1/2"	84.0%	14 1/4"	29"	23 1/4"	1 1/4"	4"	3"
UHSW112	112.5	95	82	1/2"	84.0%	17 1/2"	29"	23 1/4"	1 1/4"	4"	3"
UHSW150	150.0	127	109	1/2"	84.0%	20 3/4"	29"	23 1/4"	1 1/4"	4"	3"
UHSW187	187.5	158	135	1/2"	84.0%	24"	29"	23 1/4"	1 1/4"	4"	4"

— All boilers are design certified for installation on noncombustible floor.

— Electric service to be 120 Volts, 15 Amps, 60 Hz.

- (1) Input rating for sea level to 2,000 ft. (610m) above sea level. United States, over 2000 ft (610m) above sea level. Reduce input rate 4% for every 1,000 ft(304m) above sea level.
- (2) Net AHRI Water Ratings shown based on piping and pickup allowance of 1.15. Consult manufacturer before selecting boiler for installations having unusual piping and pickup requirements, such as intermittent system operation, extensive piping systems, etc. For forced hot water systems where boiler and all piping within area to be heated, boiler may be selected on basis of its heating capacity.
- (3) Boiler is provided with a 3" x 4" increaser for chimney vent applications. This does not infer that the connection to the chimney will always be 4". Please refer to the IOM, National Fuel Gas Code, ANSI Z223.1/NFPA54, or applicable provisions of the local building codes for details concerning proper chimney connections.



C.S.A. Certified
For Natural Gas or Propane



Tested for 50 psi
ASME Working Pressure



ECR international

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