

UB90-200 Series II

There Are Some Things You Can Always Depend On...



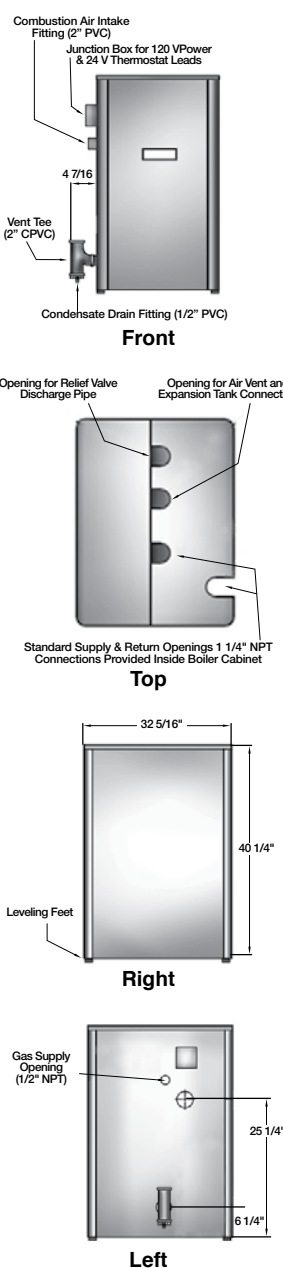





UB90-200 Series II

90% AFUE Gas Fired Condensing Hot Water Boiler

- High Efficiency Cast Aluminum Monoblock Heat Exchanger with low pressure drop.
- Fuel Smart Hydrostat Control: 3 functions in 1 Control.
 - Temperature Limit Control with easy dial settings and function indicator lights.
 - Low Water Cut-Off (LWCO), protects the boiler from damaging low water conditions.
 - Boiler Reset, lowers the boiler temperature to save fuel without sacrificing comfort. Set-up is quick with no need to install an outdoor sensor, just dial in the number of heating zones.
- Integrated Microprocessor Control.
- Sealed Combustion, Direct Vent Forced Draft System.
- Utilizes Economical CPVC and PVC Vent Pipe.
- Integral Combustible Floor Plate.
- Casting Temperature Safety Switch & Air Flow Pressure Switches.
- Limited 15 Year Warranty.
- Made In The USA.



Utica UB90-200 Series II Natural or Propane Gas-Fired Condensing Hot Water Boiler

Dimensions/Weights	Model	Boiler Input Rate (MBH) ⁽¹⁾	Heating Capacity (MBH) ⁽¹⁾⁽²⁾	Net AHRI Rating, Water (MBH) ^{(1) (3)}	AFUE % ⁽²⁾
	UB90-125	125	113	98	90.0
	UB90-150	150	134	117	90.0
	UB90-175	175	158	137	90.0
	UB90-200	200	180	157	90.0
	(1) 1000 Btu/hr (British Thermal Units Per Hour)				
(2) Heating Capacity and AFUE (Annual Fuel Utilization Efficiency) are based on DOE (Department of Energy) test procedures.					
(3) Net AHRI Ratings based on piping and pickup allowance of 1.15. Contact Technical Support before selecting boiler for installations having unusual piping and pickup requirements, such as intermittent system operation, extensive piping systems, etc.					
General Information (See Installation, Operation and Maintenance Manual for complete instructions)					
Clearances (4) Required distances measured from boiler. (5) Service, proper operation clearance recommendation. Note: May be installed on combustible flooring (No Carpets).			Combustible Materials (Required) ⁽⁴⁾	Service ⁽⁵⁾	
	Top		1" (25 mm)	8" (203 mm)	
	Left Side		8" (203 mm)	24" (610 mm)	
	Right Side		1" (25 mm)	-	
	Base		1" (25 mm)	-	
	Front		0" (0 mm)	24" (610 mm)	
	Back		1" (25 mm)	-	
	Combustion Air/Vent Piping		0" (0 mm)	-	
Combustion Air & Vent Pipe Equivalent Length	Min. & Max. Vent Lengths - refer to the Installation Manual based on Natural or Propane Gas and Altitude.				
	Vent Pipe - First 5' (1.6 m) is Schedule 80 2" CPVC (provided), then Schedule 40 3" PVC.				
	Air Intake - Schedule 40 3" PVC				
	Notes: 1 - 90° Elbow = 5 Ft. (1.6 m), 1 - 45° Elbow = 3.5 Ft. (1.1 m), 1 - 2" x 3" Adapter = 0 Ft. (0 m), Concentric Vent Kit = 5 Ft. (1.6 m) equivalent length.				
Connections	Return/Supply Water	Gas In	Condensate Drain		
125/150/175/200	1-1/4" NPT	1/2" NPT	1/2" PVC		
Electrical	120 Volts AC, 60 hertz, 1 phase, Less than 12 amps (15 amp circuit recommended)				
Water Content	125/150/175/200 - 2.6 Gallons				
Standard Equipment	Boiler Control Module: Integrated Microprocessor Control, Hi-Limit Control, Boiler Reset Control, Automatic Reset LWCO, Diagnostic Indicator Lights. Heat Exchanger: Cast Aluminum Monoblock. Combustion: Completely installed and wired safety control system with Stainless Steel Pre-Mix Gas Burner, Automatic Gas Valve, Hot Surface Igniter, Forced Draft Blower, Air Vent. Electrical: Transformer, Service Switch & Outlet. Other: Assembled boiler with pre-painted steel jacket, Combination Temperature/Pressure Gauge, 30 psi ASME Relief Valve, Casting Temperature Safety Switch, Air Flow Pressure Switches, Boiler Drain.				
Options	Taco or Grundfos Circulator				
Model	Ship Wgt.	Certifications      50 psi MAWP			
UB90-125	284 lbs. (128.8 kg.)				
UB90-150	284 lbs. (128.8 kg.)				
UB90-175	284 lbs. (128.8 kg.)				
UB90-200	284 lbs. (128.8 kg.)				

All ratings and specifications subject to change.

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Contractor Assistance: 800.325.5479



P.O. Box 4729
Utica, New York 13504
tel: 315.797.1310 • fax: 315.797.3762
www.uticaboilers.com

