UTICA HEATING

KW SERIES

Oil-Fired Water Boilers

Optional HydroLevel Boiler Control with LWCO Protection

The Utica Heating KW Series Boiler is an affordable oil-fired home heating solution.

FEATURES

Quality Heat Exchanger Design –

The KW 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 or steel push nipples, the boiler maintains a water tight seal.

Efficiency –

The KW Series provides an annual fuel utilization efficiency of up to 86.1% as certified by the US Department of Energy.

Warranty –

20 Year Limited Heat Exchanger Warranty

Choice of Two Operating Controls –

Honeywell or HydroLevel 3250

- Standard Honeywell control, with digital display and diagnostics, monitors water temperature and delays burner from starting until the residual heat energy with in the boiler is consumed.
- Optional HydroLevel 3250, with digital display and diagnostics, adjusts the water temperature based on your heating system demand which further reduces your heating costs. It also features a built–in low water cut–off (LWCO) to protect the boiler from potentially dangerous low water conditions.

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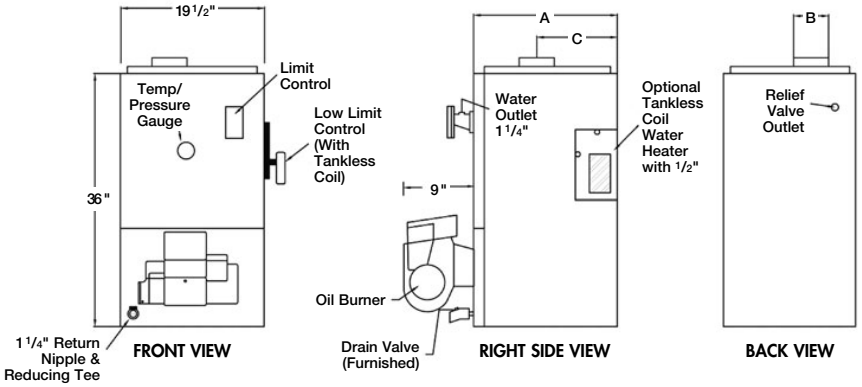

Dimensions (Inches)		
A	B	C
17 3/4	6	9 3/4
17 3/4	6	9 3/4
17 3/4	6	9 3/4
21	6	11 3/8
21	6	11 3/8
21	6	11 3/8
24 1/4	6	13
24 1/4	6	13
24 1/4	6	13

STANDARD EQUIPMENT:

- Assembled boiler with insulated jacket.
- Completely installed andwired Beckett AFG Series Oil Burner equipped with:
  - Oil Nozzle
  - Primary Control
  - CAD Cell
  - PSC Motor
  - Interrupted Duty Ignition and Clean Cut Pump
- Flue Brush
- Target Wall (Vacuum Formed Refractory Ceramic Fiber)
- DuraBlanket Insulation Chamber
- Barometric Draft Control 6"
- Combination Temperature/Pressure Gauge
- Circulator Pump wired with 5' harness for supply or return mounting in the field.
- 3/4" Boiler Drain Valve
- 30 psi ASME Relief Valve
- Extra Boiler Tap for Expansion Tank or Air Elmination

Specifications: (All ratings and specifications subject to change)

Model	Input Rate Nat. (MBH)(1)	Heating Capacity Nat. (MBH)(1)(2)	Net AHRI Rating Nat.(1) Water (MBH)(1)(5)	Input Rate Nat. (GPH)(3)	No. of Sections	Minimum Chimney Size/ Height	AFUE %(4)
UH3KW0.60†	84	74	64	0.60	3	8"x8"x15'	86.1
UH3KW0.75	105	92	80	0.75	3	8"x8"x15'	85.6
UH3KW1.00†	140	120	104	1.00	3	8"x8"x15'	84.4
UH4KW.90†	126	111	97	0.90	4	8"x8"x15'	86.0
UH4KW1.25†	175	153	133	1.25	4	8"x8"x15'	85.9
UH4KW1.50	210	181	157	1.50	4	8"x8"x15'	85.1
UH5KW1.20†	168	147	128	1.20	5	8"x8"x15'	86.1
UH5KW1.75	245	210	183	1.75	5	8"x8"x15'	85.0
UH5KW2.00†	280	239	208	2.00	5	8"x8"x20'	84.0

C.S.A Certified For Natural Gas or Propane

Tested for 100 psi. ASME Working Pressure

† These firing rates available only with alternate firing rate kits.

(1) Mbh = 1,000 BTU per hour [BTU = British Thermal Unit]

(2) Heating Capacity based on 13% CO_2 with a 0.02" w.c. draft over fire, and a #1 smoke or less. Testing was done in accordance with the D.O.E. (Department of Energy) test procedure.

(3) G.P.H. = Gallons per hour oil at 140,000 BTU per gallon

(4) A.F.U.E. = Annual Fuel Utilization Efficiency based upon D.O.E. test procedure.

(5) Net AHRI Water Ratings 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.

UTICA HEATING

AHRI CERTIFIED™ www.ahridirectory.org

ECR international
A Family of Heating & Cooling Brands.

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