# Series



## Efficient Oil-Fired Steel Boiler

#### Fully updated for DOE 2012 compliance!

- Up to 84% AFUE
- 77 to 139 Net BTUs
  - In 4 sizes
- Chimney vented
- Integrated boiler control
  - User-friendly
  - Energy-saving "thermal purge" feature circulates residual warm water in heating system prior to firing boiler
  - Combination high limit circulator relay
  - Extensively tested & proven
- Vertical firetube exchanger, 1/4" boiler-plate steel
  - Meets the ASME Boiler and Pressure Vessel Code
- Tankless coil available
  - For domestic hot water
- Enhanced combustion chamber seal
  - Located between shell and base, provides increased efficiency
- Designed for ease of service
  - Extended coil & fittings, removable jacket top permits access without disconnection of piping
- Lifetime limited warranty
  - See your installing contractor for more warranty information



### Ratings, Specifications, and Dimensions







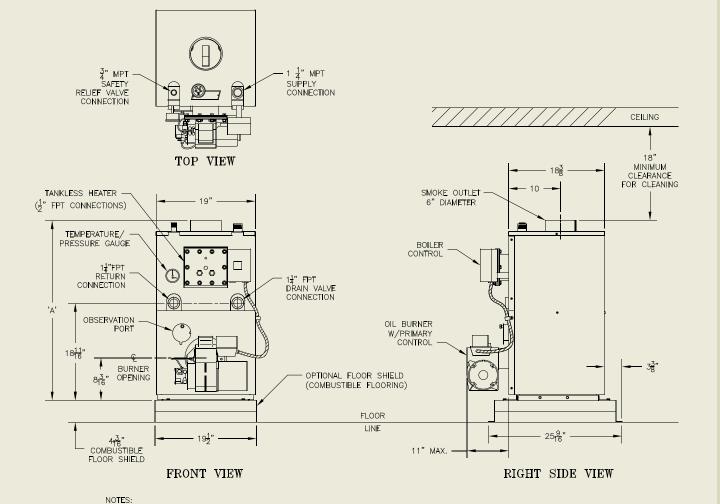
Model	Burner Capacity		DOE Heating	AHRI Net	Minumum Chimney Requirements			AFUE	Dim. "A"	Water Cap.	Approx Ship
	GPH	МВН	Capacity (MBH)	Ratings (MBH)	Round In. Dia.	Rectangle In. x In.	Height Ft.	AIGL	(in.)	(gal.)	Wt. (lbs.)
AP-490U	0.75	105	88	77	6	8 x 8	15	84%	34-9/16	10.7	290
AP-590U	1.00	140	116	103	6	8 x 8	15	84%	34-9/16	10.1	300
AP-690U	1.10	140	129	114	6	8 x 8	15	84%	41	16.3	340
AP-790U	1.35	189	159	139	6	8 x 8	15	84%	41	15.4	355

#### **Standard Features**

- Fully packaged
- Integrated boiler control system
- 3450 RPM flame retention Beckett oil burner
- Beckett GeniSYS primary control
- Electronic ignitor 14KV

- Taco 007 circulator
- Clean cut fuel pump
- Tridcator
- Relief valve
- Drain valve







1. CIRCULATOR SUPPLIED LOOSE — MAY BE INSTALLED ON SUPPLY (RECOMMENDED) OR RETURN (ACCEPTABLE ALTERNATIVE) PIPING. 2. RETURN FITTINGS AND DRAIN VALVE SHIPPED LOOSE.



