



# **New Yorker®**

RESIDENTIAL HEATING BOILERS  
NEW YORKER BOILER COMPANY, INC.

## **AP Series economical steel boilers**

AP Series boilers from New Yorker provide reliable domestic heating season after season. The AP boiler is engineered for easy installation and service. All name brand controls and accessories are positioned conveniently on the front of the unit. The deluxe oil burner is a high-speed flame retention (3450 RPM) unit that is top-rated for performance.



- **Available in 4 Sizes**
- **Heating Capacities from 87 to 149 MBH**

The AP Series is completely factory assembled and wired. With annual efficiencies of up to 80.8%, the AP Series boiler is a solid investment that can pay for itself when used to replace an inefficient, existing boiler. And, of course, New Yorker stands behind the AP Series with our Lifetime Limited Warranty.

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# AP Series economical steel boilers

## Specifications & Dimensions

Model	AP-490	AP-590	AP-690	AP-790
DOE Heating Capacity (MBH)	87	107	127	149
AFUE (%)	80.2	80.0	80.0	80.8
IBR Net Water Rating (MBH)	76	93	110	130
IBR Firing Rate (gal./hr.)	.75	1.0	1.1	1.35
Stack Diameter (in.)	6	6	6	6
Number of Tubes	12	16	12	16
Boiler Water Cap. (gal.)	10-1/2	10	16	15-1/2
Supply Size (dia.)	1-1/4"	1-1/4"	1-1/4"	1-1/4"
Return Size (dia.)	1-1/4"	1-1/4"	1-1/4"	1-1/4"
Circulator Size (dia.)	1-1/4"	1-1/4"	1-1/4"	1-1/4"
Tankless Heater Size (gal./min.)	4	4	4	4
Chimney Size (min.)	8"X8"X20'	8"X8"X20'	8"X8"X20'	8"X8"X20'
Approx. Shipping Wt. (lb.)	290	300	340	355

1. Firebox draft setting: .02 inches water column.
2. Ratings based on 12.2% CO<sub>2</sub>
3. Coil inserts in front of boiler.

### Standard Equipment: Units Completely Assembled

- Square design increases water volume and heat transfer
- Removable jacket top allows easy servicing without disconnection of piping.
- Built-in dip tube for positive air elimination.
- Hot water coil for year-round domestic water heating.
- Built in accordance with the requirements of the ASME Boiler and Pressure Vessel Code.

Model	AP-490	AP-590	AP-690	AP-790
A Jacket Height (in.)	32	32	38-7/16	38-7/16
B Coil Tapping Height (in.)	24-1/4	24-1/4	30-3/4	30-3/4
C Burner Chamber Ht. (in.)	16-1/4	16-1/4	16-1/4	16-1/4
D T&P Gauge/Aquastat Ht. (in.)	23-3/4	23-3/4	30-1/4	30-1/4
E Smoke Outlet Diam. (in.)	6	6	6	6
F Jacket Length (in.)	17-3/4	17-3/4	17-3/4	17-3/4
G Jacket Width (in.)	18-1/4	18-1/4	18-1/4	18-1/4
H Burner Length (in.)	11-1/2	11-1/2	11-1/2	11-1/2

