

# Ratings & Specifications

Model	AP-490U	AP-590U	AP-690U	AP-790U
<b>AFUE %</b>	83.3	83.1	83.1	83.0
<b>DOE Heating Capacity MBH</b>	88	116	129	159
<b>IBR Net Water Rating MBH</b>	77	101	112	138
<b>IBR Firing Rate (gal./hr.)</b>	0.75	1.00	1.10	1.35
<b>Number of Tubes</b>	12	16	12	16
<b>Boiler Water Capacity (gal.)</b>	10.7	10.1	16.3	15.4
<b>Supply Size (dia. - inches)</b>	1-1/4	1-1/4	1-1/4	1-1/4
<b>Return Size (dia. - inches)</b>	1-1/4	1-1/4	1-1/4	1-1/4
<b>Circulator Size (dia. - inches)</b>	1-1/4	1-1/4	1-1/4	1-1/4
<b>Tankless Heater Size (gal./min.)</b>	4	4	4	4
<b>Chimney Size (min. - in./ft.)</b>	8" x 8" x 15'	8" x 8" x 15'	8" x 8" x 15'	8" x 8" x 15'
<b>Approx. Shipping Weight (lbs.)</b>	290	300	340	355
<b>Overall Height - 'A'</b>	32-3/8	32-3/8	38-7/8	38-7/8
<b>Floor to DHW Coil Tapping C/L - 'B'</b>	24-7/16	24-7/16	39-15/16	39-15/16
<b>Floor to Return Connection C/L - 'C'</b>	18-3/4	18-3/4	18-3/4	18-3/4
<b>Floor to T&amp;P Gauge C/L - 'D'</b>	23-15/16	23-15/16	30-7/16	30-7/16
<b>Canopy Outlet Dia. - 'E'</b>	6	6	6	6
<b>Overall Depth - 'F'</b>	18-3/8	18-3/8	18-3/8	18-3/8
<b>Overall Width - 'G'</b>	19-1/16	19-1/16	19-1/16	19-1/16
<b>Burner Rear to Jacket Front - 'H'</b>	11	11	11	11

Dimensions in inches.

