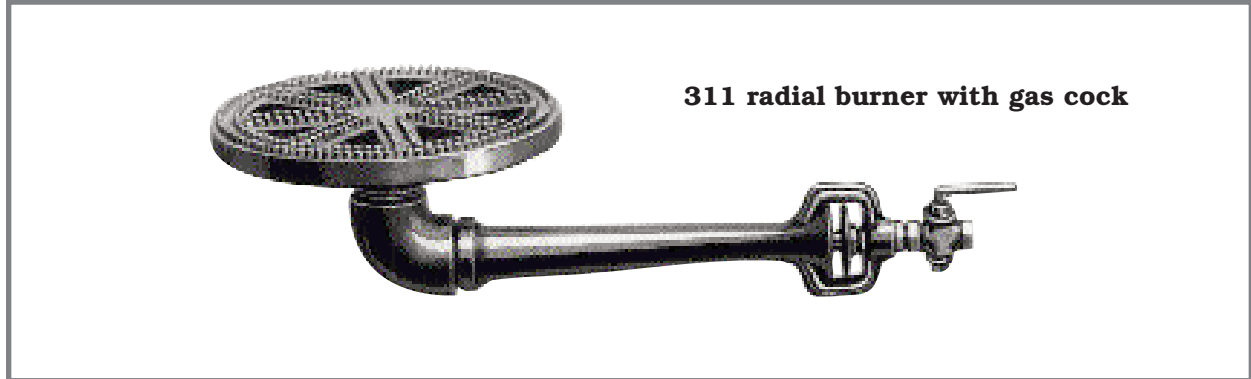




# Radial Burner



The **Buzzer** radial gas burner offers cast iron port construction to outlast and outperform mass-produced burners made of stamped-out sheet metal when resistance to radiated heat is required. Our radial gas burners are designed for rugged and dependable performance in high ambient temperatures. They are appreciated by both the industrial metals industry and the commercial cooking industry for providing high BTU output combined with economical design.

## Features

The radial burner head is constructed of cast iron and features raised cast iron ports which produce short, tight flames, requiring minimum head space and combustion space. Slotted burner head design allows secondary and make-up air to pass through the center, producing shorter, more efficient and uniform flames. The free movement of secondary air around the burner head helps to keep it cool and extend its productivity.

All radial burners are equipped with the **Buzzer** Venturi air mixer, made in the USA of class 30 grey cast iron. Engineered for efficiency, our Venturi mixes combustion air at atmospheric pressure for the quickest and hottest flame without a blower. The **Buzzer** Venturi inspirates maximum primary air to require less secondary air in the combustion chamber, operates without flashback, provides excellent turn-down, and delivers a superior “Bunsen blue” flame.

## Applications

**Buzzer** radial burners can supply gas heat for vats, tanks, kettles, and furnaces for a variety of applications from metal melting to micro-brewing. Common applications include cleaning tanks, hot rinse tanks, black oxide tanks, quench tanks, pre-heating, boilers, heat exchanges, and flame treating.

Model	Diameter in inches	Length in inches	Height in inches	Weight in pounds	Gas connection in inches	BTU's per hour in 1,000's
V106	6	15	4 <sup>1</sup> / <sub>2</sub>	5	1/4	33
307	7	19	6	8 <sup>1</sup> / <sub>2</sub>	3/8	60
308	8	20	6	11 <sup>1</sup> / <sub>2</sub>	3/8	75
311	12	26	7	20	1/2	100
312	16	33	7	42	1 <sup>1</sup> / <sub>4</sub>	180
313	21	33	7	52 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>4</sub>	270

Please note: diameter of 313 listed is at the widest point. Narrowest point measures 16 inches. Optional stand is 4" in diameter and increases height 2 inches. Pressure gauges with 2<sup>1</sup>/<sub>2</sub>" dial available for 0-15" w/c and 0-60" w/c.