



# Urn Burner

The **Buzzer** urn burner provides quick, intense heat and offers dependable all cast iron construction. Sizes range from 11,000 to 60,000 BTU/hr. to meet a wide range of heating needs. Unlike many mass-produced stampings, our all cast iron burners will stand up to high ambient temperatures.

## Features

The #106, #107, and #108 urn burners feature raised cast iron ports which produce tight flames requiring minimum head space and combustion space. They also have a slotted head design which allows secondary air to pass through the center, producing shorter, more efficient and uniform flames. These models can be fitted with extension nipples to raise the burner head closer to the item being heated. This will take advantage of better efficiency and better heat transfer.

The #3 and #4 urn burners feature plain drilled burner heads which provide moderate heat with an economical design. They have a single row of ports along the outer edge of the burner head, allowing adequate secondary air around each burner flame. These models are cast as one piece and offer a very simple design.

Our urn burner is equipped with the **Buzzer** plain air mixer and can be set up to operate on either natural or propane gas. Conversion from one type of fuel to another requires only a simple orifice change.

## Applications

The **Buzzer** urn burner can supply a moderate amount of gas heat for tanks, kettles, cookers, and food processing, as well as for heating water, oil, and other liquids.



Model	Top diameter in inches	Height in inches	Weight in pounds	Gas connection in inches	BTU's per hour in 1,000's
3	3	3 <sup>5</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>4</sub>	1/ <sub>8</sub>	11
4	4	3 <sup>3</sup> / <sub>4</sub>	2	1/ <sub>8</sub>	20
106	6	5 <sup>1</sup> / <sub>2</sub>	4	1/ <sub>8</sub>	30
107	7	7 <sup>1</sup> / <sub>4</sub>	6 <sup>1</sup> / <sub>4</sub>	3/ <sub>8</sub>	45
108	8	8 <sup>1</sup> / <sub>4</sub>	8 <sup>1</sup> / <sub>2</sub>	3/ <sub>8</sub>	60

Please note: height is from air shutter to top of burner. Pressure gauges with 2<sup>1</sup>/<sub>2</sub>" dial available for 0-15" w/c and 0-60" w/c.