

Ring Burner



The **Buzzer** ring burner provides quick, intense heat and offers dependable all cast iron construction. Designed to provide a moderate amount of heat to meet the heating needs of our customers' smaller applications, they are ideal for installations in which little head space (vertical combustion space) is available.

Features

Some features of our ring burners vary by model. The #112 and #113 ring burners feature raised cast iron ports which produce tight flames, requiring minimum head space and combustion space. The #109, #110, and #111 ring burners feature plain drilled burner heads, which provide adequate heat with an economical design. All **Buzzer** ring burners have a slotted head design which allows secondary air to pass through the center of the burner head, producing shorter, more efficient and uniform flames. All ring burners have side port entry into the burner head, making them appropriate for applications where little vertical space is available.

All of our ring burners are equipped with the **Buzzer** plain air mixer, made in the USA of class 30 grey cast iron. This simple economical mixer produces a hot blue flame with a wide range of turndown. The plain air mixer is ideally suited to meet the heating requirements of many commercial and light industrial applications. All ring burners can be set up to operate on either low pressure natural or propane gas. Conversion from one type of fuel to another requires only a simple orifice change.

Applications

Buzzer ring burners 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. They also find uses in laboratory and commercial heating applications ranging from heating large glass beakers to heating professional style woks.

| 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 |
|-------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|--------------------------|---------------------------|
| 109 | 4 ¹ / ₄ | 10 ¹ / ₂ | 1 ³ / ₄ | 2 ¹ / ₂ | 1/ ₈ | 10 |
| 110 | 5 ¹ / ₂ | 11 ¹ / ₂ | 1 ³ / ₄ | 4 | 1/ ₈ | 15 |
| 111 | 5 ¹ / ₂ | 16 | 1 ³ / ₄ | 5 | 1/ ₈ | 25 |
| 112 | 7 ³ / ₄ | 16 ¹ / ₂ | 2 ¹ / ₄ | 8 | 1/ ₄ | 35 |
| 113 | 7 ³ / ₄ | 17 ¹ / ₂ | 2 ¹ / ₄ | 9 ¹ / ₂ | 3/ ₈ | 50 |