

NIGHTHAWK

LC1500 & LC2300 GAS BURNERS



LC1500



LC2300



LC1500 & LC2300 features:

The Wayne Nighthawk LC Series power gas burners are available in On-Off, Low-High-Low, and Fully Modulating with up to 5:1 turndown ratio.

Designed for Performance:

- Capable of overcoming high static pressures
- Nozzle mix head design provides excellent combustion characteristics
- Direct spark ignition for added reliability
- High-Low gas pressure switches are standard on pipetrains
- Converts easily to fire LP or Natural Gas
- Adjustable head allows flame to be customized for various applications
- Durable die-cast housing
- Industry proven controls and components

Designed for Easy Installation and Service:

- Spring action terminal blocks to facilitate wire connections
- Fixed firing rates of 700,000 to 1.5 million; 1.1 million to 2.3 million. Btu/hr without changing the orifice
- Swing-away/ slide out housing design allows for easy maintenance
- Equipped with Power On and Fuel On indicator lights

Applications

The Nighthawk performs well in a wide range of applications including boilers, commercial and industrial furnaces, heat treating, incineration, paint drying, process heating, grain drying, and parts washing.

Specifications

LC1500 & LC2300 GAS BURNERS

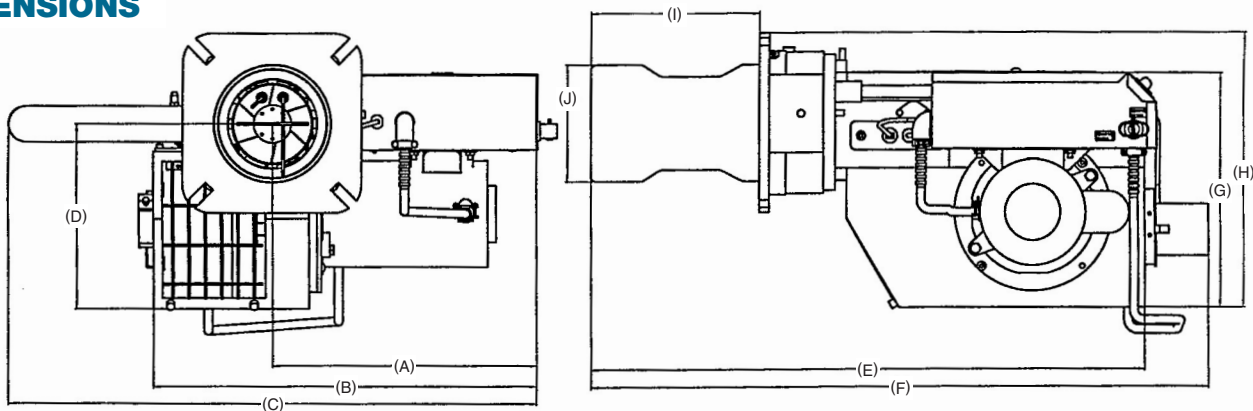
LC1500 GAS BURNER

| | |
|-----------------|--|
| Capacities | Firing rates from 700M Btu/hr through 1.5MM Btu/hr |
| Fuel | Natural or LP Gas |
| Controls | Flamerod sensor with 4 second trial for ignition, UL795, CSD-1; microprocessor based flame safeguard control is optional |
| Motor | 3450RPM · 115/208-230 · 60Hz · 1/2 HP |
| Fan Housing | Aluminum alloy, die cast housing Maintains alignment of all moving parts throughout lifetime of burner |
| Ignition | Direct spark 6,000 volt ignition source |
| Mounting | Cast aluminum flange included |
| Air Tube | 5.75" dia. x 6" long |
| Combustion Head | Nozzle mix, high retention |
| Pipetrain | Choice of UL795, CSD1, NFPA, FM or GAP (formerly IRI) components. |
| Burner Weight | Up to 57 lbs. |

LC2300 GAS BURNER

| | |
|-----------------|--|
| Capacities | Firing rates from 1.1MM Btu/hr through 2.3MM Btu/hr |
| Fuel | Natural or LP Gas |
| Controls | Flamerod sensor with 4 second trial for ignition, UL795, CSD-1; microprocessor based flame safeguard control is optional |
| Motor | 3450RPM · 115/208-230 · 60Hz · 3/4 HP |
| Fan Housing | Aluminum alloy, die cast housing Maintains alignment of all moving parts throughout lifetime of burner |
| Ignition | Direct spark 6,000 volt ignition source |
| Mounting | Cast aluminum flange included |
| Air Tube | 6.25" dia. x 9" long |
| Combustion Head | Nozzle mix, high retention |
| Pipetrain | Choice of UL795, CSD1, NFPA, FM or GAP (formerly IRI) components. |
| Burner Weight | Up to 85 lbs. |

DIMENSIONS



| Burner | A | B | C | D | E | F | G | H | I | J |
|--------|---------|---------|---------|--------|---------|---------|---------|---------|--------|--------|
| LC1500 | (13.79) | (19.71) | (24.33) | (9.65) | (26.27) | (28.73) | (12.18) | (13.60) | (5.49) | (6.30) |
| LC2300 | (14.09) | (20.40) | (28.10) | (9.85) | (29.62) | (33.08) | (12.47) | (14.60) | (6.19) | (8.96) |



Certified to: UL795 & CGA 3.4

Shipping Information:

- Individually cartoned