

High Capacity Ribbon Burner HC511



Applications

- Air Heating
- Branding Systems
- Sealing Systems
- General Heating Applications

Features

- High Heat Release
- High Turn-Down Ratio
- High Flame Stability
- Cast Iron Construction
- Modular Design
- Suitable for use on Town, Natural and Liquefied Petroleum gases

Description

The Aerogen high capacity series HC511 burners have been scientifically designed for combustion efficiency for both maximum heat release and long range of turndown without flashback.

The construction consist of accurately machined inter-changeable cast iron bodies and patented burner ports of non-corroding and non-oxidising stainless steel ribbon construction.

The heat release capacities can be obtained with any properly operating gas-air mixing systems, such as Aerogen "Unimixers", proportional mixers, flo-mixers and pre-mixed gas machines.

In the case of the "Unimixer" and similar type Venturi mixers, the recommended combustion air pressure is: One p.s.i. for maximum capacity and maximum range of turndown.

Capacity

20,000 BTU per inch of flame space maximum to 600 BTU per inch of flame space minimum, depending on burner arrangement combinations or assemblies

Note:

These capacities are only obtained with fully pre-mixed air/gas systems.