

JAG

Jet Air Gas Burner

JAG-1
Edition 05 14



- High on-ratio turndown
- Stable over wide excess air range
- Operates via on/off pulse, high/low pulse, or ratio control
- Direct spark ignition
- UV or flame rod flame supervision
- Stainless steel recirculation and firing tubes
- Recirculates furnace atmosphere
- High efficiency
- Low NOx and CO emissions

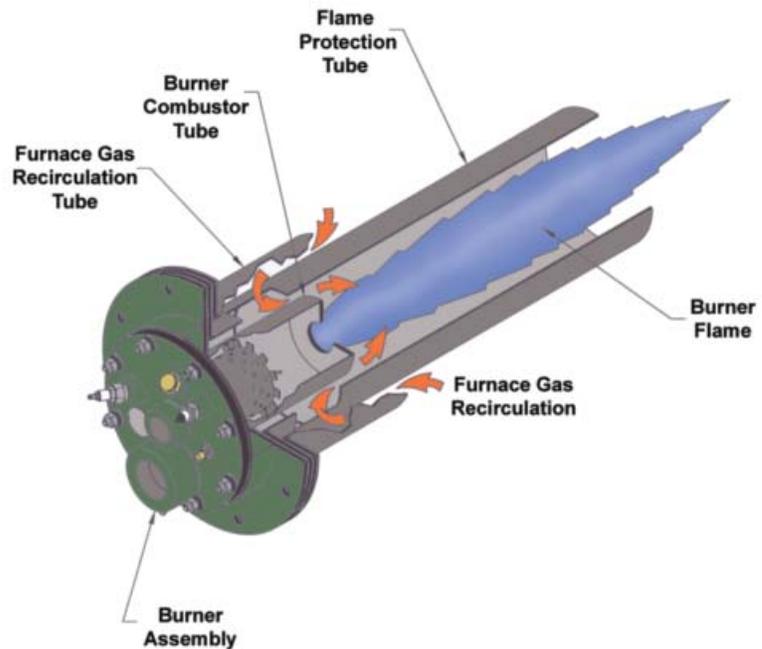
The Hauck JAG Jet Air Gas Burner is specifically designed for homogenizing and solution heat treating applications. At the heart of the JAG design is the proven reliability of the SVG burner family which provides excellent stability and performance.

The burner's unique firing and recirculation tube provide maximum heat transfer efficiency while minimizing NO_x and CO emissions in low temperature applications. The integral alloy firing tube provides the flame with complete protection from quenching from recirculation air cross velocities typically present in homogenizing and heat treat applications which can result in high CO emissions. In combination with the high exit velocity of the JAG burner, the furnace gas recirculation and flame protection features of the firing tube provide low NO_x and CO emissions.

The JAG is direct spark ignited and can be flame supervised with a flame rod or UV scanner. The burner's combustor, flame protection and recirculation tubes are constructed from temperature resistant stainless steel alloys.

The burner can be controlled by a simple cross connected ratio control system or through a pulse fired system for additional operational benefits.

The single bolt pattern and modular design of the burner allow for easy installation and maintenance.



JAG Jet Air Gas Burner assembly showing recirculation and firing tubes.

For additional information on this product, visit our website at:

www.hauckburner.com

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