EQUIPMENT

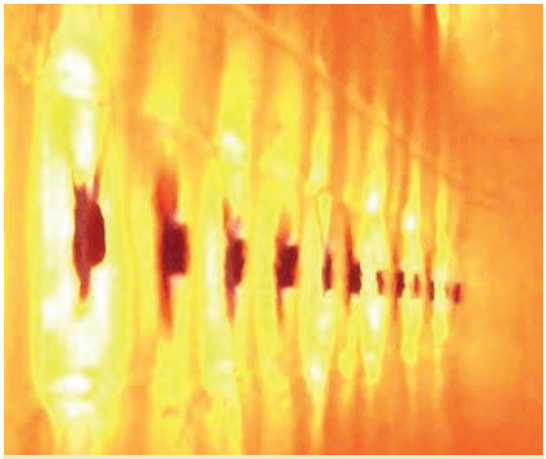
UOP Callidus AERO™ Radiant Wall Burner

The newest in ultra-low NOx radiant wall burner technology

Ideal for new or existing wall fired petrochemical and reformer furnaces, the AERO radiant wall burner provides a combination of high performance and low maintenance achieved through innovative design.

The AERO radiant wall burner employs a new innovative tip design, which increases the burner's stability and allows a wider range of operation on fuels containing hydrogen. This aerodynamic tip geometry helps maintain a uniform fuel air mixture speed to reduce the possibility of flashback due to low velocity zones within the tip.

The result is a radiant wall burner with enhanced stability that delivers the low emissions compared to other conventional and low NOx burner designs.



Improved NOx Reduction

- NOx levels < 100 mg/Nm3
- Conventional and Low NOx designs

Reduced Maintenance

- Innovative single piece tip design
- Tip can be bolted to venture, which lowers replacement costs

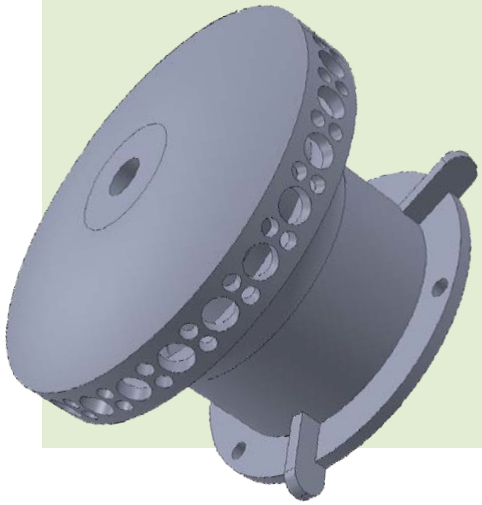
No Special Operating Needs

- Operates over a turndown of 3:1
- Improved air door design for ease of adjustment

Able to Fit in Virtually Any Application

- 0.5 MM Btu/hr to 2.5 MMBtu/hr
- Capable of operation on more than 80% (vol%) hydrogen
- Perfect for retrofit into existing burner tiles
- Simplified muffler design completely shrouds primary and secondary air entrances

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For more information
uop.com/Callidus

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