DATASHEET

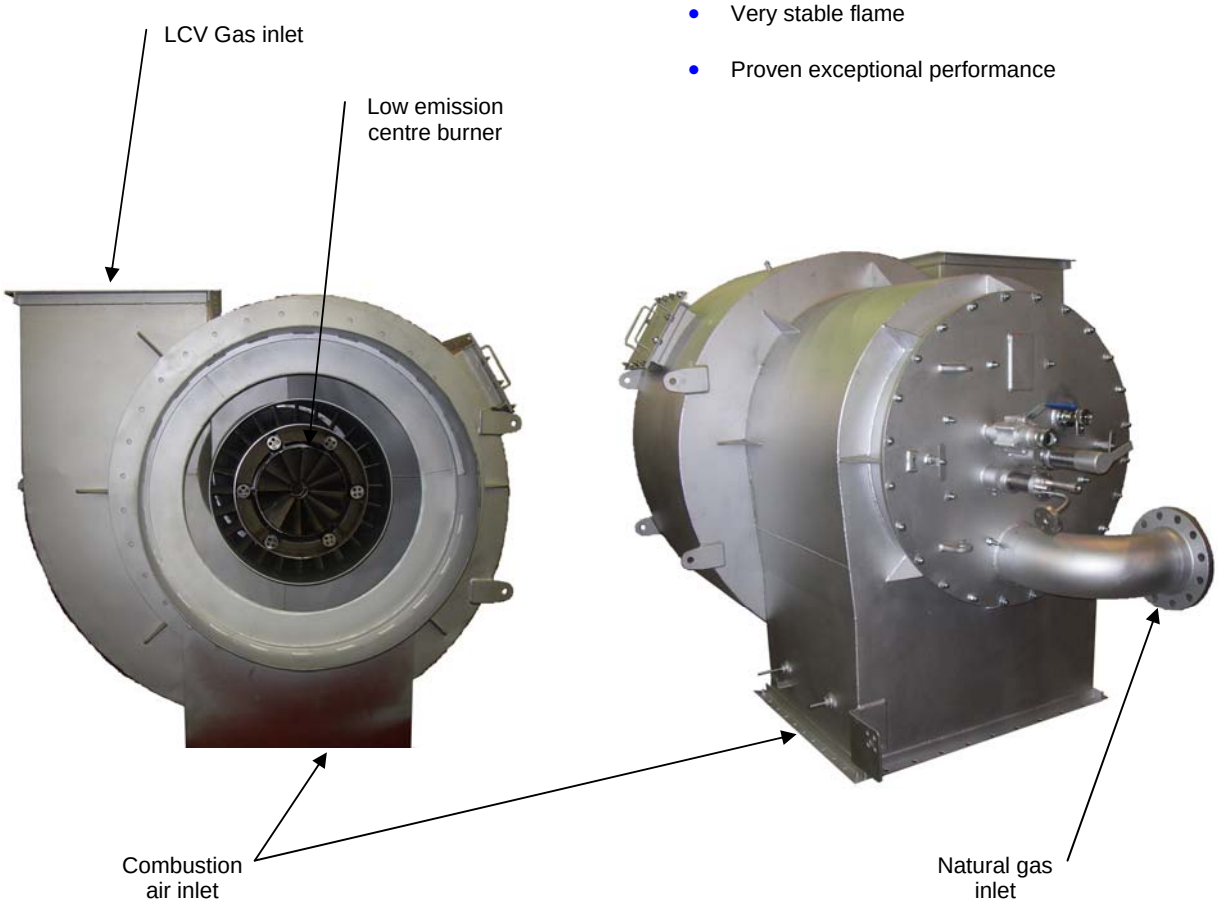
Low Calorific Gas / Oil Burner

Hamworthy Combustion's LCV Range of burners has proven over many years to give outstanding performance in firing low calorific gases e.g. blast furnace gas. The unique design uses the combustion air velocity to inspirate the LCV gas into the furnace ensuring low CO levels.

We can supply equipment for new build and carry out complete retrofitting on existing plant.

Key Features

- NOx Levels < 140mg Gas Firing
- NOx levels < 450mg HFO Firing
- NOx levels < 250mg LFO Firing
- CO Levels < 100ppm
- Thermal heat release 10 – 100MW(th)
- Intuitive commissioning procedure
- CE
- Easy retrofit into existing plant
- Very stable flame
- Proven exceptional performance



Standard Supply

- Burner
- Windbox
- LCV Gas scroll

Specification

- Size - 10MW(th)– 100MW(th)
- Approx. flame length - 3m – 14m
- Weight - 800Kg approx.
- Materials - Carbon steel / stainless steel

Related Questions

- What is the CV of the fuel to be fired?
- What is my back up fuel?
- What fuel pressures do I have?
- What's my combustion air delivery system?
- Am I using existing controls system?
- What are my emission limits?

Other Hamworthy Combustion Services

Related to this product

- Complete bespoke Burner Management Systems
- Burner ignition systems
- Burner flame detection systems
- Fuel valve trains
- Complete turnkey service
- After sales back up

For further information on combustion equipment please contact the head office:

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HAMWORTHY
COMBUSTION

Incorporating:

PEABODY ENGINEERING
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Power/LCV/February 2008/Rev. 1