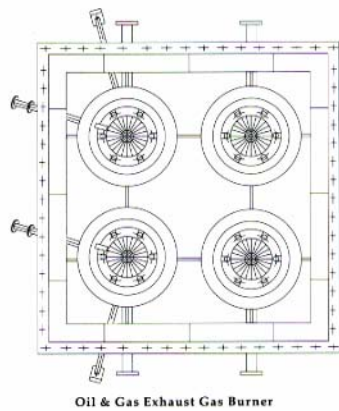


DATASHEET



In Duct Gas / Oil Burner

Hamworthy Combustion's range of In Duct burners provide flexibility to fire liquid and gaseous fuels in a range of applications – Turbine exhaust reheat projects, start up burners for fluidised bed boilers and auxiliary burners for HRSG.

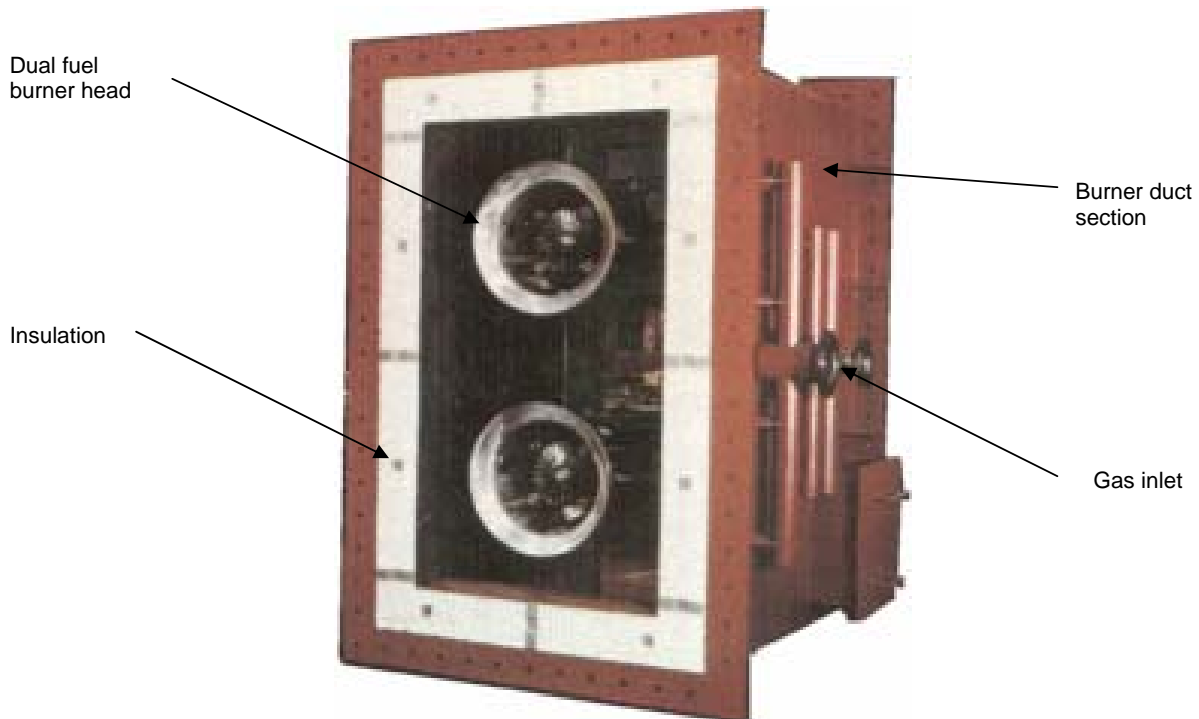


Key Features

- Dual fuel capability
- Modular design
- Suitable for supplementary and auxiliary firing
- Low pressure drop across burner for increased turbine efficiency
- Capable of operating at low O₂ levels, maybe down as low as 11%
- High turndown ratio for maximum control and increased efficiency



- Easy retrofit into existing plant
- Very stable flame
- Proven exceptional performance
- NO_x < 200mg/Nm³ Auxiliary
- NO_x < 45mg/Nm³ Supplementary



Standard Supply

- Burner
- Burner duct
- Support structure

Related Questions

- What heat input do I require?
- What duct size do I have?
- What fuels will I use?
- What fuel pressures do I have?
- Will the burner be used for supplementary and / or auxiliary firing?
- Am I using existing controls system?

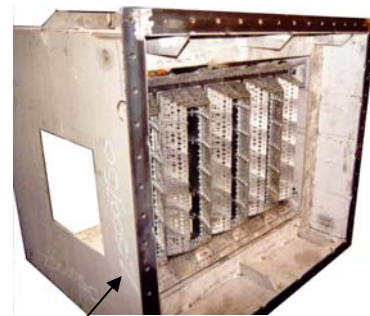
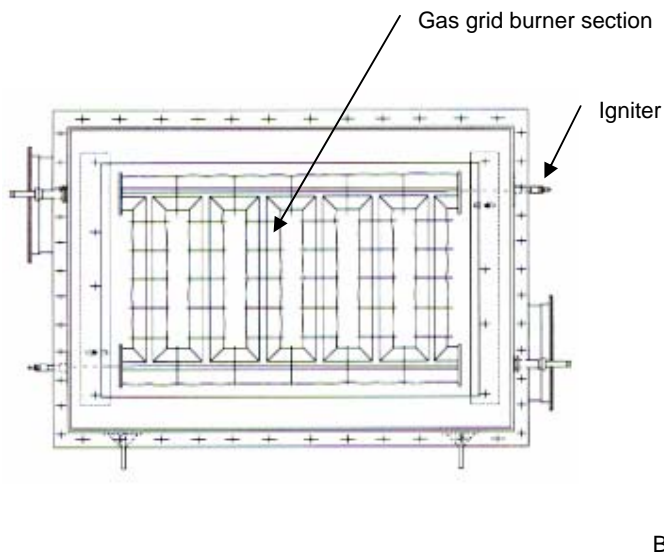
Specification

- Size -2 MW(th) upwards
- Approx. flame length -1.5M upwards
- Weight - 1000kg upwards
- Materials - Carbon steel / stainless steel

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



Burner duct

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

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Power/In Duct Burners/February 2008/Rev. 1

Hamworthy Combustion Engineering Limited reserve the right to make changes and improvements which may necessitate alteration to the specification without prior notice

HAMWORTHY
COMBUSTION

Incorporating:
PEABODY ENGINEERING
AIROIL - FLAREGAS
CHENTRONICS