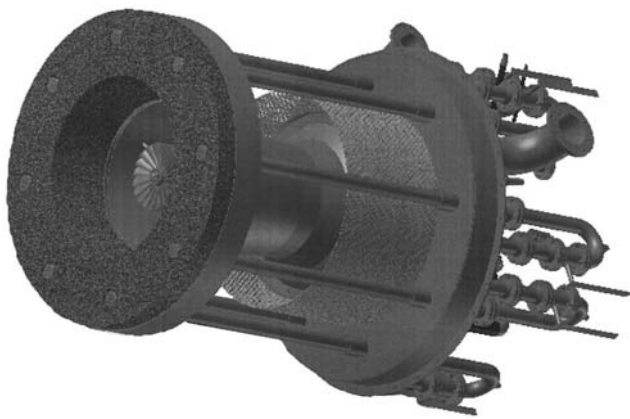


DATASHEET

Ecojet™ Ultra Low-NOx Burner

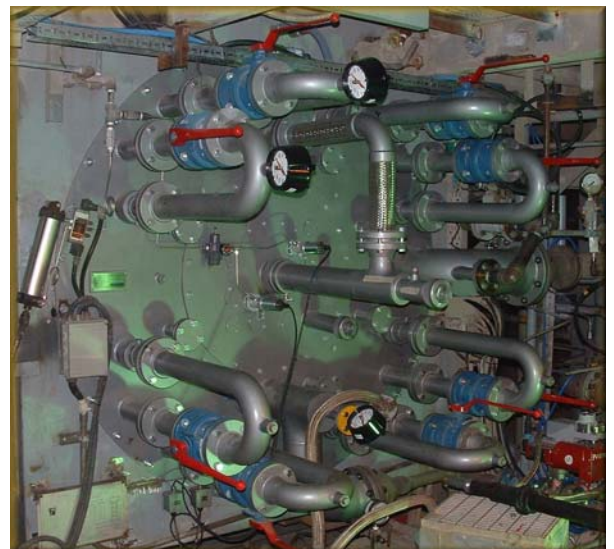
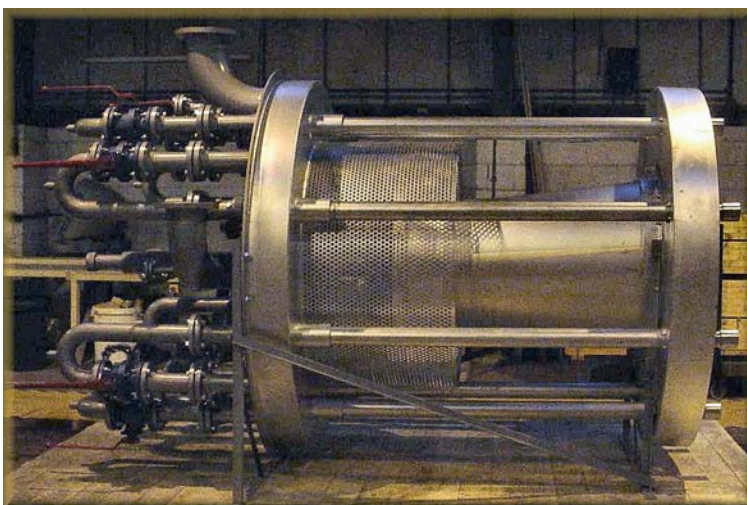


Hamworthy Combustion's Ecojet™ Ultra Low-NOx Burner has been developed using over 100 years combined combustion experience and the latest CFD modelling techniques.



Key Features

- NOx Levels of <30ppm
- NOx levels <90ppm firing diesel oil
- RFG/steam or water injection can be added to provide further NOx reductions
- CO levels <100ppm
- Thermal heat release 6-100 MW(th)
- Intuitive commissioning procedure.
- Gas burner with oil standby
- **CE**
- Easy retrofit into existing plant
- Very stable flame
- Ecojet™ advanced burner design developed using one of the largest test facilities of its kind in the world.
- Proven exceptional performance



Standard Supply

- Burner
- Windbox
- Oil gun
- Gas spuds

Standard Questions

- What fuels are to be fired?
- Performance requirements of burner/boiler.

What must the customer supply/do/have already?

- Boiler details
- Fuel specifications
- Combustion air specifications

Specification

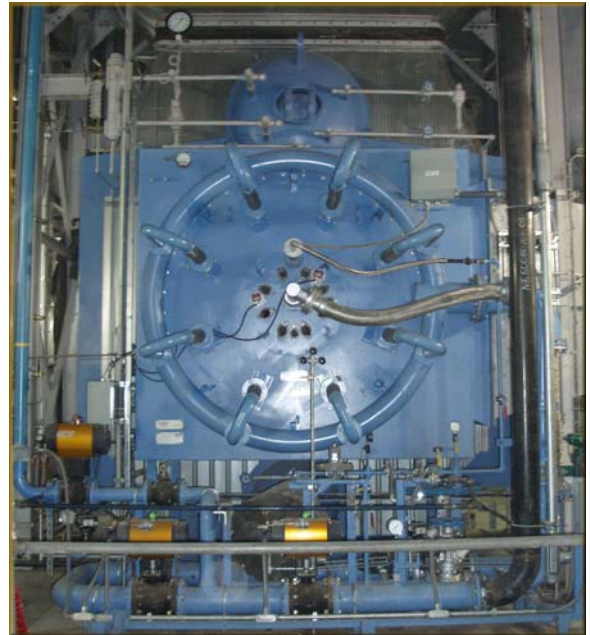
- Size - 6-100MW
- Weight - Dependant on burner and configuration
- Materials - Carbon steel/stainless steel

Other Hamworthy Combustion Services related to this product

- Complete bespoke Burner Management System
- Burner ignition systems
- Burner flame detection systems
- Fuel valve trains
- Complete turnkey service
- Aftersales back-up



Flame geometry showing dramatic effect of fuel gas dilution with Flue gas



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

Hamworthy Combustion Engineering Limited
Fleets Corner
Poole Dorset BH17 0LA
Tel: +44 1202 662700
Fax: +44 1202 665333
Email: info@hamworthy-combustion.com
Website: <http://www.hamworthy-combustion.com>

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Power/Ecojet/March 2010/Rev. 2

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