

# DATASHEET

## Dual Fuel DF Steam Atomised Burners for FPSO's/FSO's and Offshore



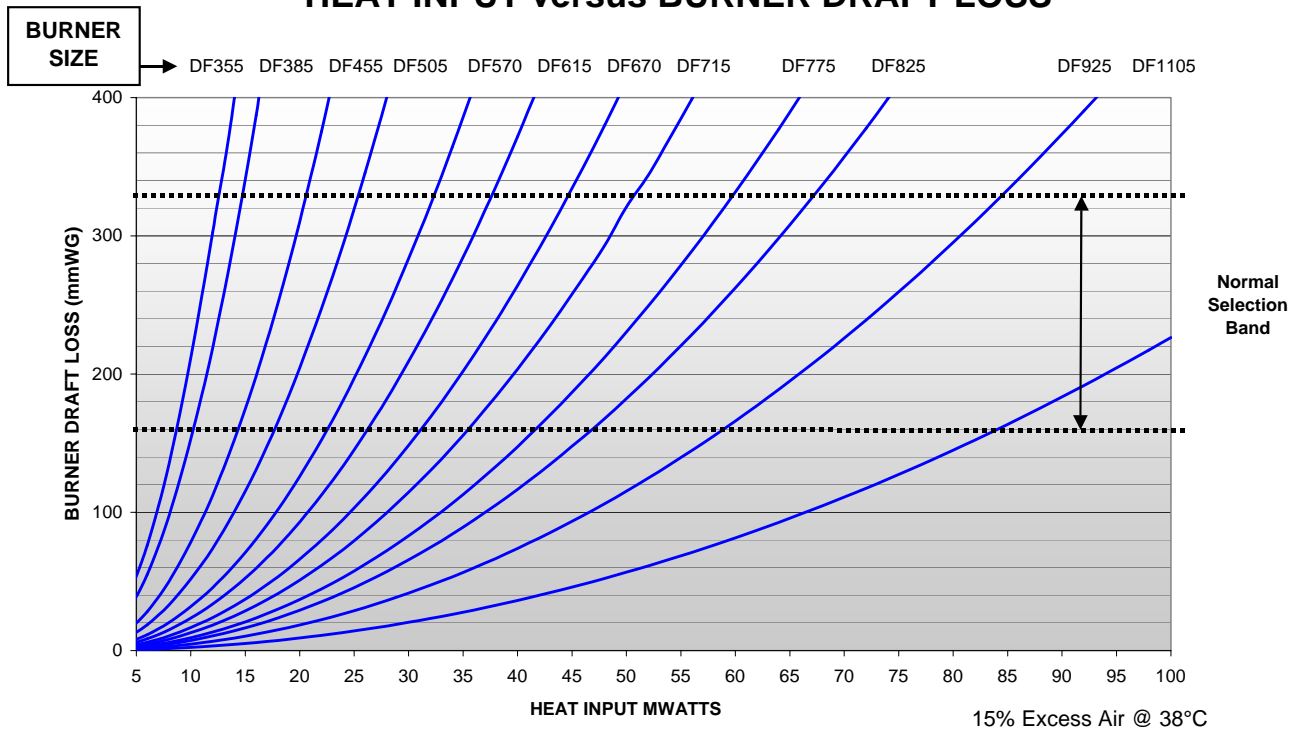
The Hamworthy Divided Flow register burner is acknowledged as the best performing dual fuel burner of its type, with superior performance and operation. With an extensive reference list of over 100 offshore installations, the Hamworthy DF burner is the burner of choice in the offshore sector.



### Key Features

- Optimised, predetermined and compact flame shape
- Low excess air operation
- Designed to burn liquid fuels:
  - Heavy fuel oil
  - Marine diesel oil
  - Marine gas oil
  - Crude oil
  - Condensates
- Designed to burn gaseous fuels:
  - Wellhead produced gases
  - LNG boil-off gas
  - LPG
  - High inert produced gas
  - Hydrogen
- Designed to burn liquid fuels or gas fuels individually or in combination
- Superior flame stability and high turn-down capability
- Firing capacities to 100MW per burner
- Low NOx version available
- Low CV gas version available
- Compliance to all major classification societies
- Worldwide marine service and spares network
- Proven exceptional durability and reliability
- Easy retrofit to existing boilers
- Fitted with:
  - The world-beating Hamworthy-Chentronics High Energy Igniters
  - Hamworthy Combustion's type approved SmartScan<sup>®</sup> 121 flame monitors
- Hamworthy Combustion has nearly 100 years experience in combustion technology

## HEAT INPUT versus BURNER DRAFT LOSS



### Standard Supply:

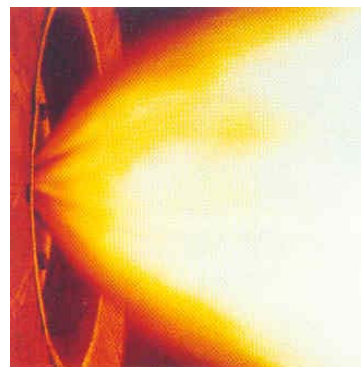
- Burners
- High Energy (HE) Igniters
- Flame Monitors
- Valves and instrumentation
- Controls
- Combustion Air Fans
- Spares & tools

### Other Hamworthy Combustion Services related to this product:

- FPSO/FSO/offshore boilers
- Low NOx dual fuel DFL burners
- High Energy ignition systems
- Burner flame detection systems
- Complete turnkey supply and installation
- Aftersales support

### Standard Questions:

- Performance requirements of burner / boiler
- Fuel Specification
- Applicable Classification Society



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

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**HAMWORTHY**  
 COMBUSTION

Incorporating:

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