



Burner Technical Specification

LC Burner Series

Burner Model: LC 53

Maximum Rating: 18,000,000 btu/hr
5.3 MW/hr

Fuels: Natural Gas

Controls: Autoflame servos (fuel & air)
Autoflame UV scanner
Autoflame 3" (80mm) gas control valve
Autoflame spillback oil valve
Burner mounted Autoflame touchscreen Mk 7, Mini Mk 7 or Mini Mk8 Evolution Module

Gas Head Type: Split Head

Turndown: 6:1 at 3% O₂ or less – up to 10:1

Construction: 316 stainless steel blast tube & diffuser
Mild Steel fabrication and powder coated
Fully ball raced damper system
Minimal linkage and direct drive on servo
Toughened glass flame viewing port
TIG and MIG welding by coded welders
Stainless steel damper linkage arms

Guarentee: Sub 3% O₂ throughout the burner firing range within the turndown

Capabilities: Dual fuel
Pressure atomising
Steam / Air atomising
Burner mounted control pod
High turndown
Flue Gas Recirculation for low NO_x requirements (gas & oil)
Induced FGR - <30 ppm NO_x on Gas *
Forced FGR - <30 ppm NO_x on Gas *
Multi-fuel firing
Simultaneous fuel firing
Waste stream fuels can be burnt
#2 & #6 Fuel Oil firing
Bio-Gas firing
Hydrogen firing (Spider Head gas injection)
*with Mesh Head – sub 9-15 ppm



For more information on the Limpsfield Burner range,
please do not hesitate to contact us.

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