

Narayan®

INDUSTRIAL BURNERS

10 KW - 15000 KW HEAT OUT PUT, HIGHLY EFFICIENT,
LOW EXCESS AIR, POWER BURNERS FOR ALL TYPE OF GAS & OIL FUELS



PID Temp.
Controller



Temp. Control
Panel



Gas Pressure
Switch



Push Valve



Gas Pressure
Regulator



Ball Valve



Isolating
Gas Valve

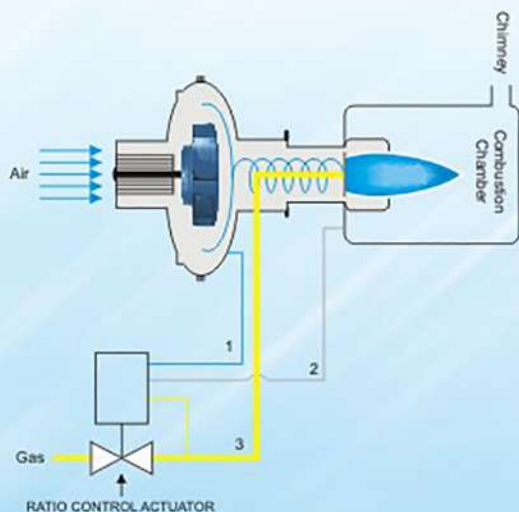


APPLICATION

- Textile Industries
- Metal Printing
- Hot Air Generator
- Food Industries
- Ceramic Industries
- Thermopac
- Auto Clave Machine
- Heat Treatment
- Incinerator
- Paper Packaging
- Hot Water Boiler
- Powder & Teflon Coating
- Bakery Oven
- Glass Printing & Annealing
- Yarn Sizing Machine
- Tray Dryer
- Furnace
- Auto Part Industries
- Steam Boiler

EFFICIENCY ECONOMY ECOLOGY

TURBINE DESIGN WITH RATIO CONTROL



- 1: Combustion Air Impulse
2: Combustion Chamber pressure Impulse
3: Gas Impulse

ADVANTAGE

- Linkage Free Regulation
- Reduce Sound Level
- Low Nox Level
- Low Excess Air
- No Need of Frequent Tuning
- Efficiency Remains Constant at Every Stage
- Low Stack Loss in Boiler & Thermic Fluid Application
- 99% Combustion Efficiency
- Homogeneous Air to Fuel Mixture
- No Need Frequent Tuning
- Efficiency Remain Constant
- Energy Saving

REFERENCE LETTER



Narayan®

NARAYAN OIL & GAS BURNERS COMPANY

Plot No. 154/2, 'C' Road, GIDC, PANDESARA, SURAT-394 221. (GUJ.) INDIA.
Mob.: +91 99251 07072, 98791 14909, 94267 74133, TEL.: +91 (0261) 2893300, 2896969
E-mail : info@narayanburners.com, nogbc@yahoo.com Website : www.narayanburners.com

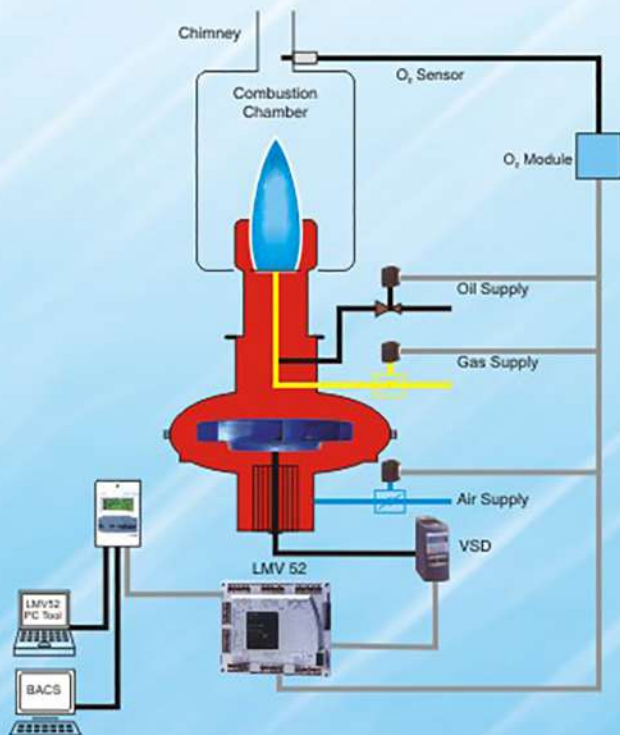
ISO 9001
BUREAU VERITAS
Certification



GAS PRESSURE REGULATING SKIDS



DIGITAL COMBUSTION MANAGEMENT SYSTEM



BURNER MANAGEMENT SYSTEM LMV-52

- Linkage free Electronic Compound Regulation with Regulating Sleeve.
- Display and Control unit
- Inbuilt Valve proving system
- Inbuilt load controller
- Flame supervising with Infrared (QRI)
- O₂% Control
- Speed Control

ADVANTAGE OF O₂ TRIM

- On line O₂ % Monitoring and Controlling in Flue Gas required due to correction in following Parameters :
- Combustion Air Temperature (50°C to 450°C).
 - Air Pressure Variations.
 - Pressure Variations in Combustion Chamber.
 - Variations in Calorific Value.
 - Gas / Oil Pressure variations.

ADVANTAGES OF SPEED CONTROL

- Energy Saving
- Reduce Sound Level
- Control of the Frequency converter via 0/4...20mA
- Presetted frequency converters
- Asymmetric sensor disc on the motor to recognize the rotation direction & quiet operation
- Hinged burner casting
- The design of the burner makes installation, adjustment and servicing easy

Photo Cell

Oil Solenoid Valve NO

Modulating Nozzle

Oil Solenoid Valve NC

Modulating Motor

UVZ - 780 U. V. Cell

LFL Sequence Controller

SKP-75 Air/Gas Ratio Controller

NTG

Gas Filter

NTLPressure Gauge
Kg/cm²Pressure Gauge
Mbar

SKP-15



SKP-25

Gas Multiblock
Valve**NTL**Modulating
Air ActuatorTwo-Stage
Air Actuator**NTH****NTG - MONOBLOCK GAS BURNER****DESIGN**

Monoblock

CAPACITY RANGE

100 KW to 9500 KW

CONTROL ACTION

Two Stage / Modulating

AIR FLOW

Turbine Type

NTL & NTH MONOBLOCK OIL BURNER**DESIGN**

Monoblock

CAPACITY RANGE

100 KW to 9500 KW

CONTROL ACTION

Two Stage / Modulating

AIR FLOW

Turbine Type

**NTD & NTHD MONOBLOCK DUAL FUEL****DESIGN**

Monoblock

CAPACITY RANGE

100 KW to 9500 KW

CONTROL ACTION

Two Stage / Modulating

AIR FLOW

Turbine Type

NTG : 100Z2 MONOBLOCK GAS BURNER**DESIGN**

Monoblock

CAPACITY RANGE

10 KW to 300 KW

CONTROL ACTIONON-OFF (Up to 150KW)
Two Stage**AIR FLOW**

Turbine Type



NGM : 100Z2 MONOBLOCK GAS BURNER



DESIGN

Monoblock

CAPACITY RANGE

10 KW to 300 KW

CONTROL ACTION

ON-OFF (Up to 150 KW)
Two Stage

AIR FLOW

Linear Type

NTL : 100Z2 MONOBLOCK OIL BURNER

DESIGN

Monoblock

CAPACITY RANGE

10 KW to 300 KW

CONTROL ACTION

ON-OFF (Up to 150 KW)
Two Stage

AIR FLOW

Turbine Type



NTG : 100Z3 MONOBLOCK GAS BURNER



DESIGN

Monoblock

CAPACITY RANGE

10 KW to 700 KW

CONTROL ACTION

Modulating

AIR FLOW

Turbine Type

MODULATION CONTROL

By Air Damper Motor

CAPACITY

50 - 1400 KW

FUEL

Natural Gas, L.P.G., Biogas
Producer Gas

TURN DOWN RATIO

1:15

LOW NOx LEVEL

CONTROL ACTION

On / Off
Two Stage / Modulating

BODY HOUSING

Cast Iron / Aluminum

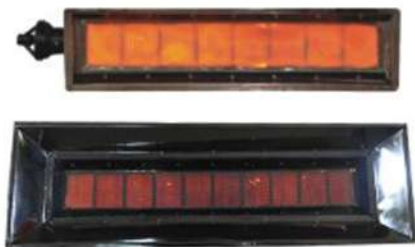
COMBUSTION HEAD

S.S. 310 / Ceramic

NCS SERIES 50-1400 KW



INFRA RED GAS HEATER



RANGE

3 KW to 20 KW

CONTROL ACTION

ON/OFF & Two Stage

MAJOR USE

Textile Drying, Powder Coating, Paper Drying, Process Application, Food Roaster & Drying Blanket Heating of Flat Bed & Rotary Printing Machine

Customized / Split Burners are Designed to meet Customer's Specific Demanding Application

CAPACITY

50 - 15000 KW

CONTROL ACTION

ON / OFF
Two Stage / Modulating

FUEL

Natural Gas, L.P.G., Bio Gas, Producer Gas, Town Gas

CUSTOMIZED / SPLIT GAS BURNER FOR GAS, OIL & DUAL FUEL



GAS FIRED AIR HEATER / OVEN



RANGE

10 KW to 60 KW

CONTROL ACTION

ON/OFF & Two Stage

MAJOR USE

Continuous Drying Ovens & Process Heating Applications. For Drying Gold, Silver, Khadi & Jari Prints on Printing Machine

* Different sizes available on request.



TMG - 740
Sequence
Controller



Air pressure
Switch

NTH



Ignition
Transformer



Ignition/
Ionization
Electrode



Sequence
Controller Oil

NTH



IRD-
Flame Detector



NTH
GRA-2
U. V. Cell