

*in front to heat up*



# Heat gen services

*techniques for energy saving*

## INDUSTRIAL GAS BURNER



### FEATURES

- FULLY AUTOMATIC
- ON/OFF OPERATION
- OPTIONAL HI-LO OPERATION WITH 2 SET POINT TEMP. CONTROLLER
- COMPACT DESIGN
- HIGHLY EFFICIENT
- EASY MAINTENANCE
- RUGGED DESIGN
- EASY ADAPTABILITY / INSTALLATION

### APPLICATIONS

- FURNACES
- OVENS
- DRIERS
- HOT AIR GENERATOR
- POWDER COATING PLANT
- INCINERATORS
- CUSTOM MADE HEATING SYSTEMS

### TECHENICAL SPECIFICATION

MODEL		HGB 30	HGB 60	HGB 80
1) THERMAL POWER	Kw Kcal/h	35 30,000	70 60,000	90 80,000
2) Min. Output	Kw	12	35	56
3) Fuel Option		LPG / NATURAL GAS AT 50 mbar		
4) ELECTRICAL SUPPLY 50Hz	V	230 SINGLE PHASE	230 SINGLE PHASE	230 SINGLE PHASE
5) MOTOR POWER	Kw	0.18	0.18	0.25

## UNIQUE FEATURES

**FULLY AUTOMATIC OPERATION :-** Simply turning on the switch will put the burner in operation, Intelligent burner controller performs all the parameter checks i.e. flame detection, blower on, etc. In case of failure of any parameters puts the burner In lock out mode, switching off the gas supply and gives visual/audio alarm for operator attendance.



**ON-OFF/HI-LO OPERATION :-** Standard burner comes with on-off control which can be hooked up with automatic temperature controller/thermostat. Specially developed Hi-Lo system for precise control over the set point (optional) which can be hooked up with Heat gen DTC 302 Temperature Controller (Optional) is supplied as per requirement of the customer.

**COMPACT DESIGN :-** Designed to work in harsh Industrial environment, with easy adaptability to most heating application. Burner and control panel are fitted separately to avoid damages to control section, ignition transformer, etc. due to back heat.

**HIGHLY EFFICIENT :-** The burner comes with adjustable. Air and Gas flow control for complete combustion of fuel & to achieve tuning of Burner to various applications resulting in high efficiency.

**EASY MAINTAINANCE :-** Overall construction of burner permits an easy access to the burner components ensuring easy maintainance.



**RUGGED CONSTRUCTION :-** Critical components are manufactured with high grade of heat resistant stainless steel material to ensure high quality level and high working life. Burner controllers and other control components used are of high quality and, are housed in separate control panel for trouble free operation. Ingenious components avoid Inventory of imported costly components which in turn reduces running cost.

**SPARES & SERVICES :-** Easy availability of spares & efficient before and after sales service by team of experienced and skilled personnel.

**APPLICATION GUIDANCE :-** Experienced and knowledgeable team of engineers to guide & assist in burner selection for customer application.

### STD. BURNER PKG. INCLUDES

- Gas burner unit
- Solenoid valve
- Control panel, with cable connectors.
- Flow control valve
- 2nd stage gas regulator
- Operation & Instruction Manual

**N.B.:** Technical specifications, design may change without any prior notice, to incorporate latest developments, & to improve efficiency of the Burner.



MFRS, RENOVATORS &  
CONSULTANTS OF  
• INDUSTRIAL FURNACES  
• OVENS  
• DRIERS &  
• ALLIED HEATING SYSTEMS  
ELECTRIC TO GAS, CONVERSION



**Heat gen services**

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