

PG160 Series Gas Burner



PG160 Gas Burner features:

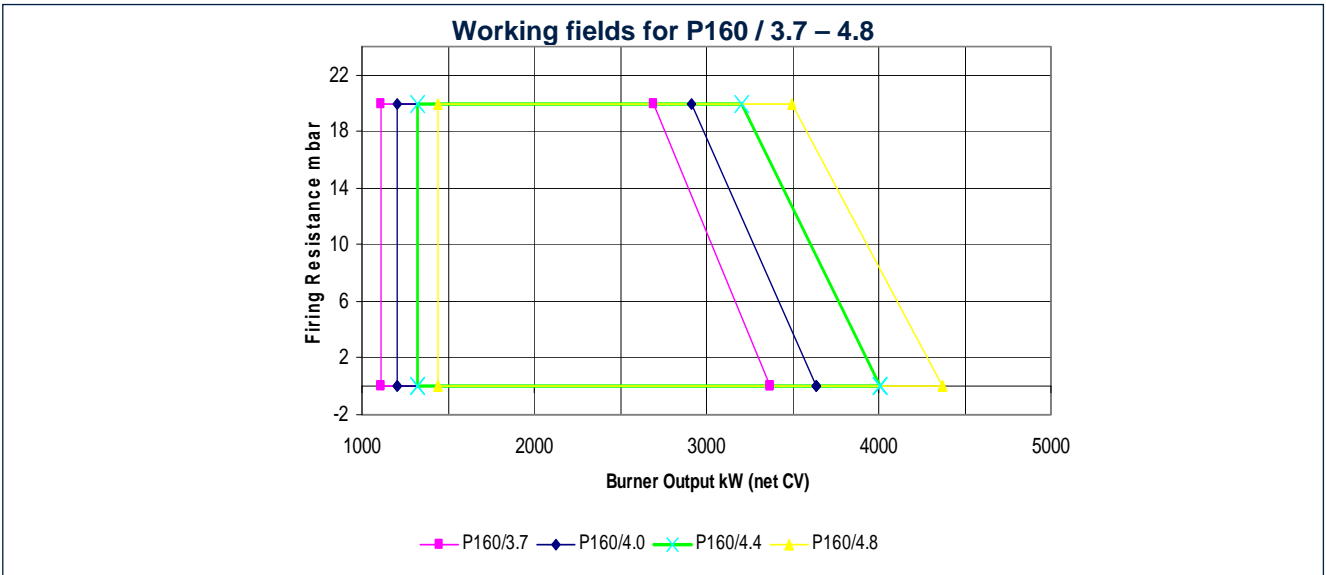
- Available configured for Natural Gas or LPG, other gases on request
- Applications include steam and high pressure hot water boilers, as well as more diverse processes such as rotary dryers
- Separate floor-mounted combustion air fan unit
- Fully modulating operation as standard
- Microprocessor based Autoflame burner management
- Integrated PID control for accurate response to demand
- Linkageless fuel/air ratio management for up to 7:1 turndown
- Optional Extras:
 - Exhaust gas analysis for passive monitoring of emissions
 - Oxygen trim for improved emissions control
 - Variable speed drive combustion fan for improved electrical efficiency
 - Air inlet silencer (<85 dBA)
 - Non Autoflame mechanical linkage
 - Separate or integrated water level controls for steam boiler
 - Data Transfer interface
- Optional air and gas handling configurations available to suit appliance
- All kW ratings are nett CV



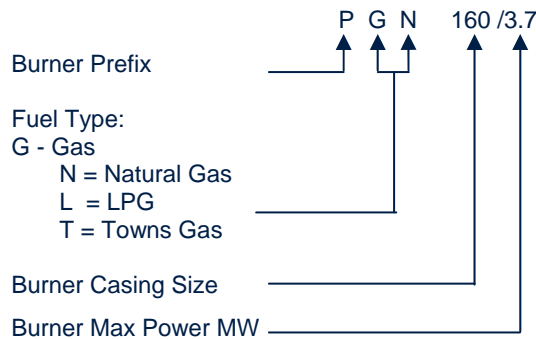
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Model PG		160/3.7	160/4.0	160/4.4	160/4.8
Output (nett CV)	MW	3.3	3.6	3.9	4.3
Fan Size	kW	11	11	11	11
Electrical Supply	V/Hz	400/50	400/50	400/50	400/50
Gas train inlet conn.		PN16 DN80	PN16 DN80	PN16 DN80	PN16 DN80
Gas train size		3"	3"	3"	3"
Gas inlet pressure (min/max)	mbar	140/300	140/300	140/300	140/300
Operation		Fully Modulating	Fully Modulating	Fully Modulating	Fully Modulating
Control Unit		Autoflame Mini Mk7	Autoflame Mini Mk7	Autoflame Mini Mk7	Autoflame Mini Mk7
Turndown		up to 7:1	up to 7:1	up to 7:1	up to 7:1
Flame Monitor		UV Sensor	UV Sensor	UV Sensor	UV Sensor
Flame tube lengths	mm	430/610	430/610	430/610	430/610
Noise	dBA	93	93	93	93
NOx	mg/kWh	140-190	140-190	140-190	140-190
CO	mg/kWh	<100	<100	<100	<100



BURNER DESIGNATION



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