

R40 G SERIES

ONE STAGE GAS BURNERS

- HIGH EFFICIENCY
- LOW NOISE
- EASY INSTALLATION
- RELIABLE PERFORMANCE

SMART SOLUTION
FOR HEATING SYSTEM

www.bejoburner.com



R40 G SERIES ONE STAGE GAS BURNERS

ABOUT R40 G SERIES

The Bejo Burner R40 G Series is a range of one stage gas burners designed for maximum reliability, high efficiency and easy installation.

All models are fully automatic and have been developed to provide safe operation with low noise emissions, making them ideal for residential, commercial and light industrial applications.

The compact design allows easy fitting to most standard boilers. The burners are supplied with a sliding flange to adapt to different boiler configurations.



KEY FEATURES

- ✓ One stage operation
- ✓ High combustion efficiency
- ✓ Low NOx and low noise
- ✓ Compact and robust design
- ✓ Easy installation and maintenance
- ✓ Reliable and safe operation
- ✓ Suitable for various gas types

FIRING RATES

MODEL	OUTPUT (kW)		GAS CONSUMPTION* NATURAL GAS (m ³ /h)
	MIN	MAX	
R40 G3	12	35	1,27
R40 G5	23	58	2,05
R40 G10	46	116	4,10
R40 G20	81	220	7,80
R40 G20S	116	290	10,30
R40 G30	174	360	12,70

* Gas consumption at 15°C, 1013 mbar

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R40 G SERIES ONE STAGE GAS BURNERS

APPLICATIONS

The R40 G Series is suitable for use in:

- Hot water boilers
- Steam boilers
- Thermal oil heaters
- Industrial process heating
- Commercial buildings



TECHNICAL DATA

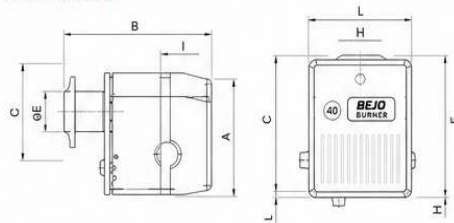
MODEL	R40 G3	R40 G5	R40 G10	R40 G20	R40 G20S	R40 G30
Output (kW) Min - Max	12 - 35	23 - 58	46 - 116	81 - 220	116 - 290	174 - 360
Fuel	Natural Gas / LPG					
Operation	One Stage					
Control	Automatic control box					
Electrical supply	1N - 230V ± 10% 50Hz					
Motor power (kW)	0,09	0,12	0,18	0,25	0,37	0,55
Flame control	Ionization					
Protection class	IP40					
Gas train	Multibloc: MB-DLE / MBC (according to model)					
Compliance	EN 676, EU 2016/426, EMC, Low Voltage Directive					

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R40 G SERIES ONE STAGE GAS BURNERS

DIMENSIONS (mm)



MODEL	A	B	C	D	E	F	G	H	I	L	M	N
R40 G3	270	170	160	89	80	120	190	190	45	15	M8	M8
R40 G5	270	170	160	89	80	120	190	190	45	15	M8	M8
R40 G10	298	190	180	104	100	140	210	210	48	15	M8	M8
R40 G20	351	222	200	116	115	160	240	240	54	15	M10	M10
R40 G20S	351	222	200	116	115	160	240	240	54	15	M10	M10
R40 G30	388	248	220	125	120	170	270	270	60	15	M10	M10

NOTES

- Dimensions are approximate and subject to change without notice.
- For detailed installation, please refer to the installation manual.

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R40 G SERIES ONE STAGE GAS BURNERS

GAS TRAIN (TYPICAL)



- 1 Manual shut-off valve
- 2 Vibration absorber
- 3 Gas filter
- 4 Pressure regulator
- 5 Pressure regulator
- 6 Safety shut-off valve
- 7 Minimum gas pressure switch
- 8 Burner

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R40 G SERIES ONE STAGE GAS BURNERS

STANDARD SUPPLY

- Burner with sliding flange
- Burner control box
- Gas train (according to model)
- Gaskets for flange
- User manual

OPTIONAL ACCESSORIES

- Gas ramp accessories
- Soundproof cover
- Flame supervision system
- UV scanner
- Remote display and diagnostics

BEJO BURNER - QUALITY & RELIABILITY

Bejo Burner is committed to providing high quality burners with advanced technology, reliable performance and excellent after-sales service to meet the needs of our customers.



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