



BEJO BURNER

FS SERIES

ONE STAGE GAS BURNERS

RELIABLE PERFORMANCE
HIGH EFFICIENCY
EASY TO INSTALL

MODELS
FS10 • FS20
42 - 220 kW

- HIGH EFFICIENCY
- LOW NOISE
- COMPACT DESIGN
- EASY MAINTENANCE

www.bejoburner.com

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ABOUT BEJO BURNER FS SERIES

Bejo Burner FS Series is a complete range of one stage gas burners developed to meet the needs of light industrial applications.

The Bejo Burner FS Series is available in five different models with an output range from 11 to 220 kW, divided into four different structures.

All models use high quality components to ensure safe operation, high efficiency, low noise, and easy installation.

Bejo Burner FS burners are equipped with a microprocessor-based control box with diagnostic functions.

All models are approved by EN 676 European Standard and comply with European Directives for EMC, Low Voltage, Machinery and Boiler Efficiency.

KEY BENEFITS

- ✓ Stable and safe operation
- ✓ High efficiency combustion
- ✓ Low noise levels
- ✓ Compact design
- ✓ Easy installation and adjustment
- ✓ Microprocessor control box with diagnostic functions
- ✓ EN 676 compliant

FIRING RATES

MODEL	OUTPUT	kW
FS3	11 + 35	kW
FS5	23 + 58	kW
FS8	46 + 93	kW
FS10	42 + 116	kW
FS15	81 + 175	kW
FS20	81 + 220	kW

BEJO BURNER | 2

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FEATURES

- HIGH PERFORMANCE**
Optimized combustion head design to ensure high efficiency and reliable performance.
- MICROPROCESSOR CONTROL**
Advanced control box with diagnostic functions for easy monitoring and troubleshooting.
- LOW NOISE**
Special air flow design to reduce noise levels during operation.
- COMPACT DESIGN**
Small dimensions allow easy installation in various types of boilers.
- EASY MAINTENANCE**
Easy access to components for quick inspection and maintenance.

BEJO BURNER | 3

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APPLICATIONS

Bejo Burner FS Series is suitable for a wide range of applications including:

- STEAM BOILERS
- HOT WATER BOILERS
- THERMAL OIL HEATERS
- INDUSTRIAL OVENS
- PROCESS HEATING
- FOOD & BEVERAGE INDUSTRY

BEJO BURNER | 4

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TECHNICAL DATA

MODEL	FS3	FS5	FS8	FS10	FS15	FS20
Output	kW 11 + 35	23 + 58	46 + 93	42 + 116	81 + 175	81 + 220
Fuel	Natural Gas / LPG					
Operation	One Stage					
Control	Microprocessor control box with diagnostic functions					
Electrical Supply	1N - 230V ±10% 50Hz					
Motor Power	kW 0.09	0.12	0.18	0.18	0.25	0.37
Flame Control	Ionization					
Protection Class	IP40					
Gas Train	Multibloc: MB-DLE / MBC (according to model)					
Compliance	EN 676, EMC, Low Voltage, Machinery, Boiler Efficiency					

Note: Technical data subject to change without prior notice.

BEJO BURNER | 5

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DIMENSIONS (mm)

MODEL	A	B	C	D	E	F	G	H	I	L	M	N
FS3	460	245	215	135	110	89	150	160	180	220	155	M8
FS5	460	245	215	135	110	89	150	160	180	220	155	M8
FS8	510	265	230	145	120	99	160	170	195	240	165	M8
FS10	510	265	230	145	120	99	160	170	195	240	165	M8
FS15	560	300	255	160	130	108	175	180	215	270	175	M8
FS20	560	300	255	160	130	108	175	180	215	270	175	M8

Note: Dimensions may vary depending on burner configuration.

BEJO BURNER | 6