

Flue gas fan RGFB

Model

Radial fan RGFB

The RGFB flue gas fan is intended for transport of hot gases up to 400°C. The fan is easy to mount since it is attached directly to the flue gas line and can be placed with optional blow-off direction. The fan should be installed in normal ambient temperature, max. 40°C.

Facts

Flow range: 0.25–0.79 m³/s

Pressure range: 300–1,400 Pa

Max. gas temp.: 400°C

Type of impeller: Radial with straight, radial blades.

Where greater flow ranges or higher pressures than above are required, special flue gas fans can be manufactured.

Design

The fan is delivered fully ready to be installed.

The fan is an all-welded design and is normally delivered lacquered.

The patented cooling hub provides effective protection for heat transfer to the motor. The hub is air-cooled and provides a simple and compact design with low operating costs.



RGFB

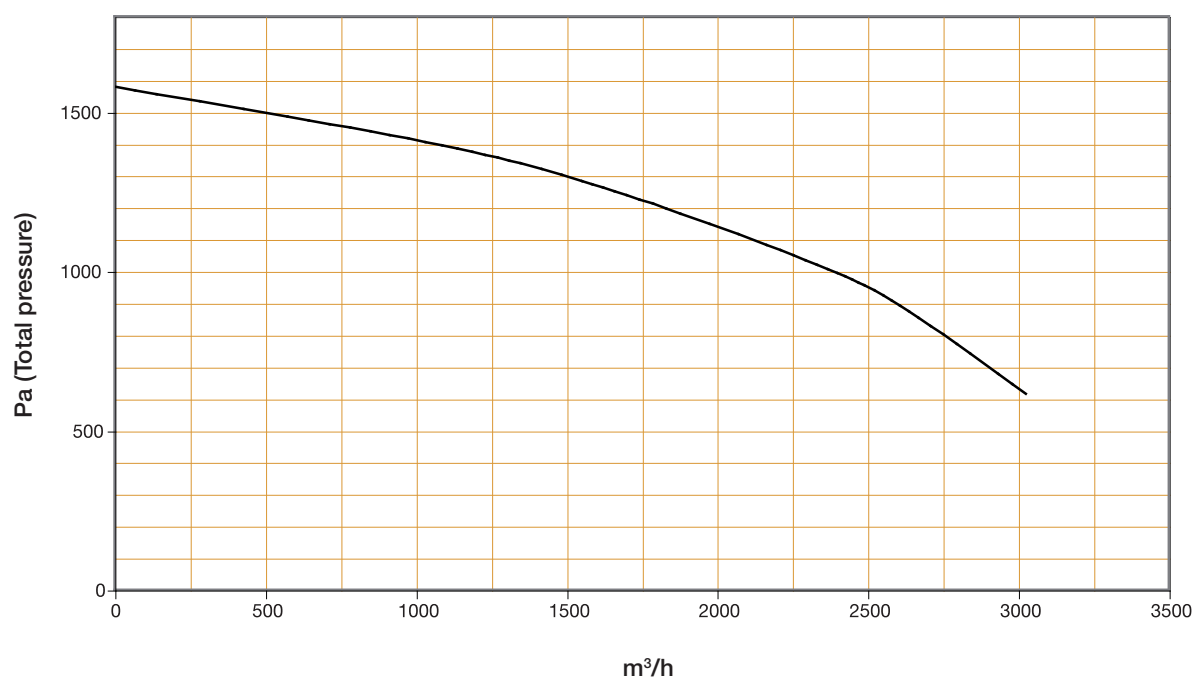
Flue gas fan RGFB – Specifications

Item No. / Fan code =	RGFB-1-020-	a	b	c
Rotational speed [rpm]				
3,000		2		
Voltage				
3 × 230/400 V			1	
3 × 500 V			3	
3 × 230/400 V Thermo-contact			8	
Inlet damper				
Without				0
With				1

Optional accessories

No.	Designation	Item No.
1	Protective guard Inlet FA, LPM	GOCA1031
2	Flue gas sleeve coupling, inlet L = 100 flange	ROAA1020
3	Flange inlet, painted	FODA10201
4	Transition piece, outlet RGFB Ø200	TRRB1020

Capacity RGFB



The diagram applies for air with a density of 1.2 kg/m³

RGFB	Motor	Power	Rotational speed
	Size	[kW]	[rpm]
020	90S	1.5	2,870