Highest output for the highest buildings.

The first GreenTech EC blower for large-scale applications up to 2 megawatts.

ebmpapst

The engineer's choice



About ebm-papst.

As a leader in technologies for ventilation and drive engineering, ebm-papst is in demand as an engineering partner in many sectors. With over 15,000 different products, we provide the right solution for just about any challenge. Our fans and drives are reliable, quiet and energy-efficient.



Six reasons that make us the ideal partner:

Our systems expertise. As experts in advanced motor technology, electronics and aerodynamics, we provide system solutions from a single source.

Our spirit of invention. Our 600 engineers and technicians will develop a solution that precisely fits your needs.

Our lead in technology. Our GreenTech EC technology is setting standards worldwide. And our lead is your competitive advantage.

Proximity to our customers. At 57 sales offices worldwide.

Our standard of quality. Our quality management is uncompromising, at every step in every process.

Our sustainable approach. We assume responsibility with our energy-saving products, environmentally-friendly processes, and social commitment.



ebm-papst offers a unique and extensive range of high-efficiency GreenTech EC centrifugal blowers for manufacturers of condensing boilers. These blowers cover a heat output range between 0.5 and 2,000 kilowatts while saving energy and working quietly and reliably. Our product line begins with the NRG 77, and includes among others the NRG 118, NRG 137, G1G 170 and G3G 250 MW blowers – and our new top model, the G3G 315. On request, we deliver our blowers as system solutions including venturi, gas valve and combustion controller – with all components perfectly matched.

High performance for high requirements.

The G3G 315 blower sets the new standard in top performance – not only in our product range but in condensing boiler technology as a whole. For the first time, heating output of up to 2 MW is possible with a single compact blower, enough to heat a 50-story building or a housing development with 50 family homes.

Now planners have completely new options, such as decentralized heating solutions that minimize construction expenses and heating losses from long pipes. In combination with our GreenTech EC technology, enormous savings are possible.



* 3~ 200-240 V version in development

High performance in small packages.



- Material: Housing: Cast aluminum Fan impeller: Sheet aluminum Rotor: painted black
- For AC mains supply, see operating instructions
- With UL-approval

Nominal data	Voltage	Frequency	Max. air flow	Max. air flow	Max. back pressure	Max. back pressure	Max. input power	Max. speed	Max. permissible motor ambient temperature	Permissible medium temperature	
Туре	VAC	Hz	m³/h	cfm	Ра	in wg	w	rpm	°C	°C	
	0 000 400*	50/00	4 000	0 700	0.500		0.000		00	50	
G3G 315 – M3G 150FF	3~ 380-480*	50/60	4,600	2,700	6,500	26	8,000	6,000	60	50	

* 3~ 200–240 V version in development Data sheets available upon request. Data is subject to change without notice at ebm-papst discretion.



Dimensions in mm. Blower must be adequately supported



Plug in and save energy.



 * Depending on customer requirements, the blower is available with PWM- or 0-10V interface. These versions cannot be combined.

Characteristic curve



Subject to change

Integrated RS485 MODBUS RTU interface

This open standard has established itself as the standard for openloop control of actuators and sensors. The blower can be controlled as well as parameterized via the BUS interface. The RS485 MODBUS RTU features both outstanding ease of use and reliability.

ebm-papst Landshut GmbH

Hofmark-Aich-Straße 25 84030 Landshut Germany Phone +49 871 707-0 Fax +49 871 707-465 info3@de.ebmpapst.com

