Premix-ready radial blowers with EC motor

Premix-ready radial blowers with EC motor

Premix-ready radial blowers with EC motor

ebm-papst premix gas blower technology is a solution to meet increased energy and environmental demands that are being placed on appliance and combustion engineers. Our product combined with specialty gas valves and burners can provide a solution to meet low NOx and CO emissions through improved control of air-gas mixtures. Designed for high-efficiency forced draft gas-fired boiler systems, our premix gas blowers feature state-of-the-art brushless DC (EC) motor technology for full speed modulation, high static pressures, and low noise levels. Take your projects to the next level by discussing your needs with one of our experienced application engineers. ebm-papst has the right air movement solution for you!

Features and benefits

- Die-cast aluminum sealed housings
- Anti-spark backwards curved impellers
- Resilient motor mounts for vibration dampening
- PWM signal input for full speed modulation
- Rated voltage: 24VDC, 115VAC, 230VAC and 460VAC
- Long life, maintenance-free ball bearing system
- (11) models available sized for input rates up to 4 MM Btuh

Applications

- Boilers
- Water heaters
- Commercial cooking equipment
- Packaged burner systems
- Commercial humidification equipment

NRG77  NRG118  RG128

RG130  NRG137  RG148  RG175

G1G170  G3G200  G3G250  G3G250-MW
Performance Data

Data is based on system resistance of common condensing boiler designs; therefore, actual rates may vary with system components.