



RGB-55, Staging Gas Burner

Specifications

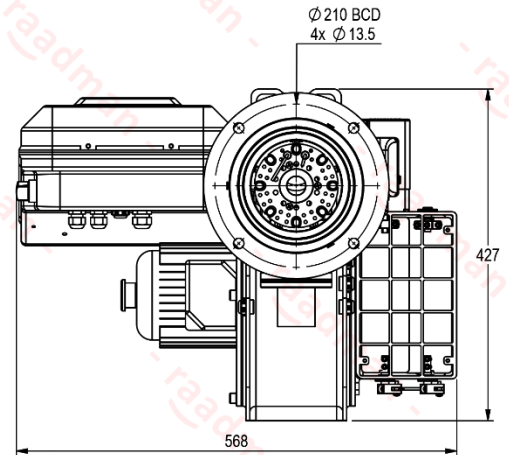
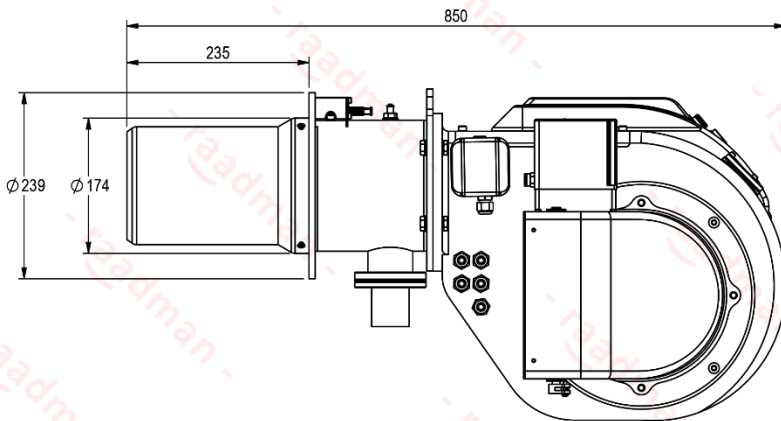
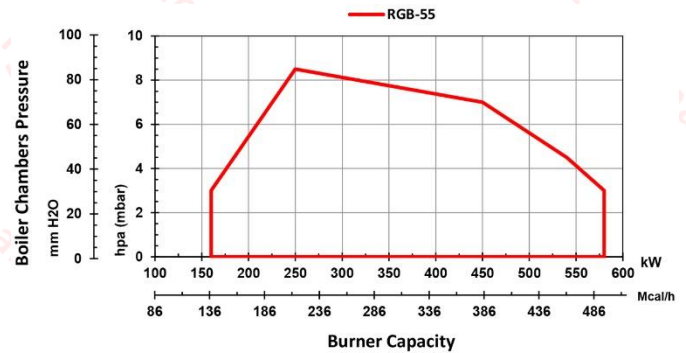
- Two stage burner with capacity of 160-580 kW on gas side (16-58 Nm³/h for G20), and turn down ratio of 1:3, and NOx class II.
- Compatible with all types of combustion chambers according to EN-303 or BS-EN 12953-3 standards.
- Suitable for firetube, firebox and water tube boilers.
- Burner includes: aluminum housing, flame tube, electrical wiring, air fan, control panel, ignition devices, valves and all necessary safety devices in the gaseous fuel line.
- Burner controller: HONEYWELL TMG or SIEMENS LFL depends on the customer's order or the policy of manufacturer based on the market availability. Controller includes: Main controller, actuator.
- Gas train includes: filter, regulator, main and safety valve, pressure gauges, minimum and pressure switch (according to BS-EN 676).
Gas train is provided in two types depends on the applications:
 - Rp1 ½ multi-block low-pressure gas train (inlet pressure of 22-360 mbar).
 - Rp1 separate low-pressure gas train (inlet pressure of 72-360 mbar).
- Advantages: Optimal design, high modulating ratio, silent operation and easy installation and maintenance.
- Optional ability: LPG fuel compatibility with LPG nozzle kits.



More information

- Fan motor: 0.75 kW, 3 Phase, 380-400 Volt, 50 Hz, 2850 rpm.
- Operating ambient temperature: 5-60°C
- Maximum combustion air temperature: 60°C
- Noise emission level: 72 dB in 1.5-meter distance
- Casing insulation class: IP43
- Net weight: 44 kg
- Packing dimensions (length x width x height): 965 x 700 x 965 mm

Reference conditions: Ambient temperature 20°C - Gas temperature 15°C - Barometric pressure 1013 mbar - Altitude 0 m (according to BS-EN 676 & BS-EN 267)



- Suggested boiler flange diameter = 186 mm

Certifications

- Certified in EAEU countries standard No. 0378484.
- Certified in Iran national standard ISIRI-7595 (BS-EN 676).



Scan to access to:
Technical proposal
Technical data
Technical consultation
3D model (only for customers)

