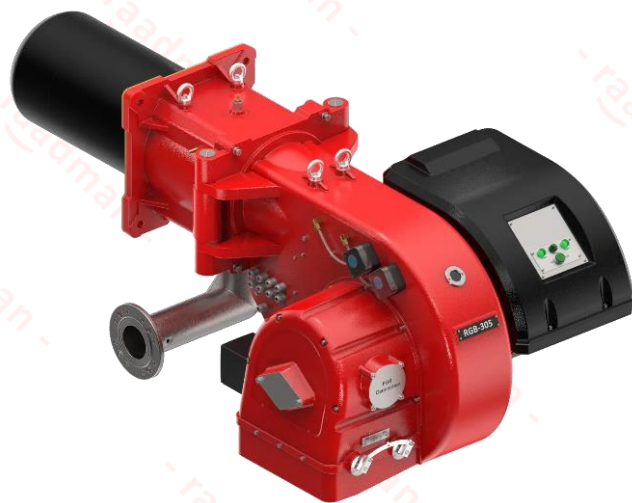# RGB-305, Staging Gas Burner

Specifications

- Two stage burner with capacity of 600-3000 kW on gas side (60-300 Nm^3/h for G20), and turn down ratio of 1:5, and NOx class II.
- Compatible with all types of combustion chambers according to EN-303 or BS-EN 12953 standards.
- Suitable for fire tube, fire box, water tube boilers, etc.
- The burner includes: mechanical components, burner head, flame tube, air fan, control panel, ignition devices, valves and all necessary safety devices in the gaseous line.
- Burner controller: SIEMENS LFL or SHOKOUH/HONEYWELL TMG depends the policy of manufacturer based on the market availability or on the customer's order.
- The controller includes: main controller, actuators.
- The gas train includes: filter, regulator, main and safety valve, pressure gauges, maximum pressure switch, minimum and leak test pressure switch, valve proving system (All according to BS-EN 676).
  The recommended gas trains are offered in two types:
    o DN65 separate low-pressure gas train (Inlet pressure of 78-360 mbar).
    o DN65 separate high-pressure gas train (Inlet pressure of 1-4 bar).
    o If higher pressures are available, lower gas train sizes can be offered for better prices.
- Advantages: optimal design, high modulating ratio, silent operation, the ability to open from the hinge to both sides and ease of installation and maintenance.
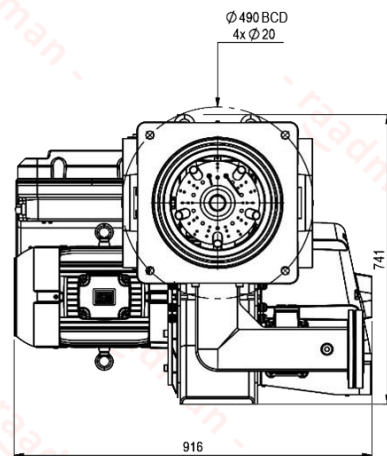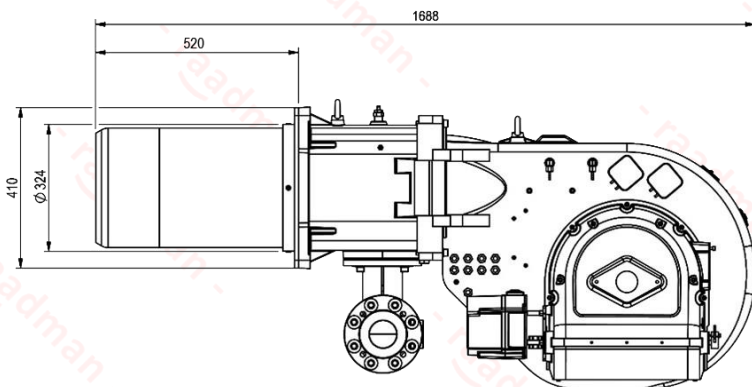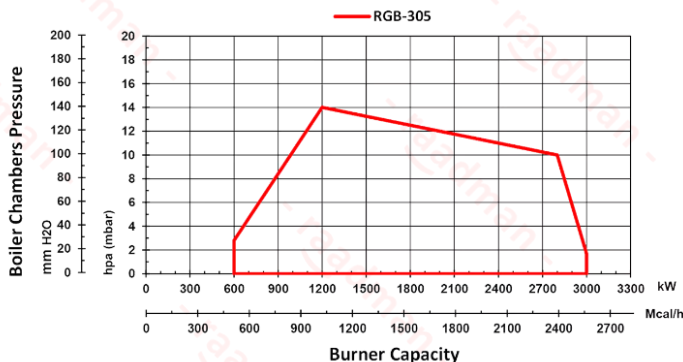
Optional ability: LPG fuel compatibility with LPG nozzle kits.

More information

- Fan motor: 7.5 kW, 3 Phase, 380-400 Volt, 50 Hz, 2900 rpm.
- Operating ambient temperature: 5-60°C
- Maximum combustion air temperature: 60°C
- Noise emission level: 78 dB in 1.5-meter distance
- Casing insulation class: IP43
- Net weight: ∼190 kg
- Packing dimensions (L x W x H): ∼1850 x 1090 x 870 mm

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

- Suggested boiler flange diameter = 335 mm

Certifications

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

Scan to access:
Technical proposal
Technical data
Technical consultation
Cad model (only for VIP customers)