

CG4 Gas Burner

Beckett
RESIDENTIAL BURNERS

Product Sheet

Description

In the CG4 gas burner, technically advanced components meet increased demand for improved gas burner performance in high-efficiency appliances and modern well-insulated homes. These advanced components are available on our CG4 series chassis and coupled with a welded insertion make a gas burner to match your OEM appliance. Performance-enhancing combustion technology utilizing proven fixed-head burner design.

Advanced Components

- New GeniSys Gas Burner Control
- 24volt standard Gas Valve
- New Beckett Gas Igniter
- PSC Motor
- Removable Gun Assembly



Specifications

Capacity

80,000 - 250,000 btu/hr input

Fuels

Natural gas or LP gas

Dimensions (standard)

Height: 14.4"
10.3" (Chassis only)
Width: 13.1"
Depth: 15.8" (with Air Tube)

Electrical Characteristics

Motor: 1/7 HP, NEMA 48M frame, PSC
Power Supply: 120V AC, 60 Hz, single phase
Ignition: Direct Spark
Operating Load: 3 Amps Max.

Gas Valve

24 volt regulating gas valve

How to Order

Order Burner Chassis

1. Model: CG4 Burner Chassis
2. Fuel Type: Specify Natural Gas or LP

Order Air Tube Combination

1. Welded Insertion: Specific for boiler model, size, and rate.

Order Accessories

1. Specify type of supports required.
2. Add any other items such as spare parts, related controls, valves, etc.

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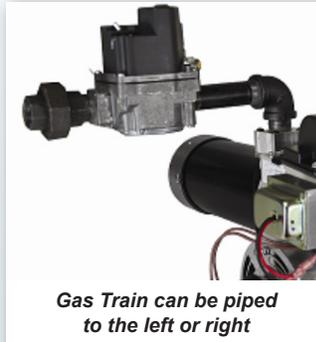
Features



Proven Beckett Fixed Retention Heads



Gun Assembly removable for ease of service



Gas Train can be piped to the left or right



Easy Access to rate setting orifice

CG4 Components



Beckett GeniSys Burner Control

- Programmable pre purge settings.
- Three status lights for system monitoring & diagnostics.
- Monitors Air Proving Switch
- Designed for easy mounting on 4x4 box.
- Recycle operation on loss of flame.



Beckett Igniter

- Higher output voltage for reliable ignition.
- Approximately 75% lower input amps.



PSC Motor

- Lower amp draw & cooler operation.
- Delivers more power with the PSC design (permanent split capacitor).
- Proven durability after 10 years of high reliability in the field.
- Ball bearings for longer life.

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