

CG4 GAS BURNER

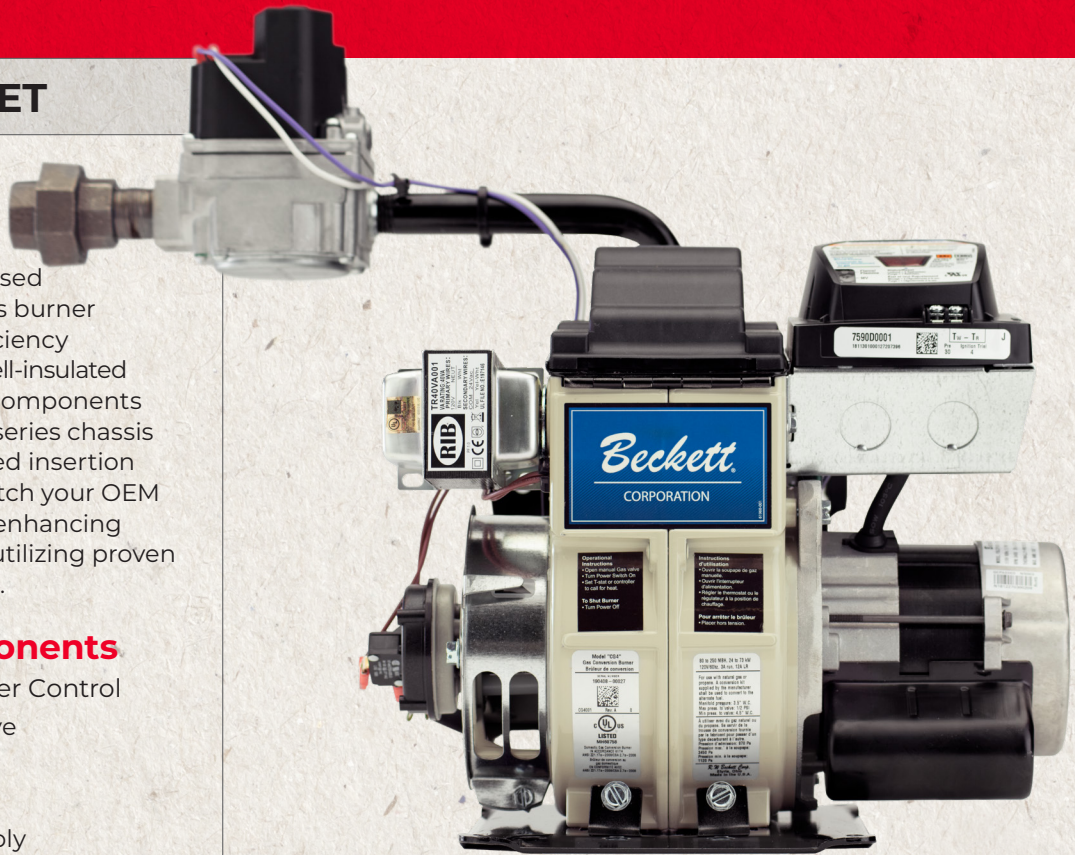
PRODUCT SHEET

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. CG4 Burner Chassis - Part Number CG4001
2. Fuel Type: Specify Natural Gas or LP

Order Air Tube Combination

1. Order air tube and welded flange for specific boiler model, size, and rate.

<https://www.beckettcorp.com/support/burner-settings/#residential-gas>



Order Universal Burners (9" Airtube w/ Adjustable Flange)

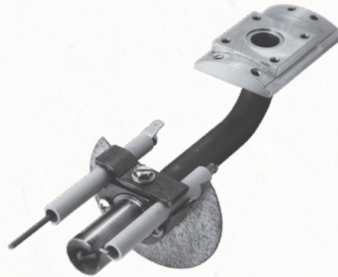
1. Part Number CG4103 – F3 Head, 80 – 130 MBH
2. Part Number CG4104 – F4 Head, 130 – 180 MBH
3. Part Number CG4106 – F6 Head, 180 – 250 MBH

Beckett®

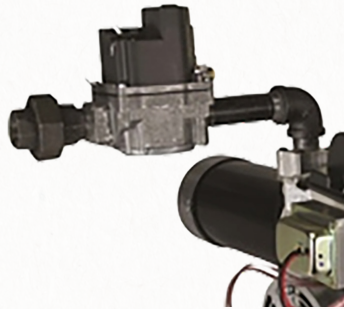
Features



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



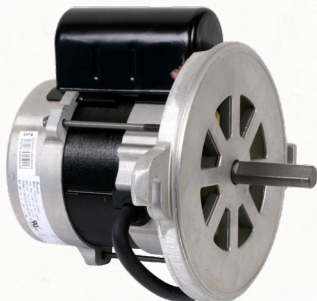
Beckett GeniSys Burner Control

- 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.
- Search 7590 at Beckettcorp.com for available options.



Beckett Igniter

- Higher output voltage for reliable ignition.
- Approximately 75% lower input amps.
- Part number 5260401U.



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.
- Part number 21805U.

USA: **R.W. Beckett Corporation**, 1-800-645-2876
Canada: **R.W. Beckett Canada Ltd**, 1-800-665-6972
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