

CG10-24 Gas Burner

Beckett
RESIDENTIAL BURNERS

Product Sheet

Description

In the CG10-24 gas burner, technically advanced components meet increased demand for improved gas burner performance in high-efficiency appliances and modern well-insulated light commercial properties. These advanced components are available on our CG10 series chassis and coupled with a welded insertion make a gas burner to match your OEM appliance. Performance-enhancing combustion technology utilizes proven spud head burner design.

Advanced Components

- New GeniSys Gas Burner Control
- UL GasTrains with 24Vac Valves
- New Beckett Gas Igniter
- 1/3HP Split Phase Motor
- Removable Gun Assembly

Specifications

Firing Rates Available

300 - 1,200 MBH btu/hr input

Fuels

Natural gas or LP gas

Dimensions (standard)

Height: 11.9"

Width: 16.0"

Depth: 20.6" Max. (with Air Tube)

Electrical Characteristics

Motor: 1/3 HP 120V 1PH

Power Supply: 120V AC, 60 Hz, single phase

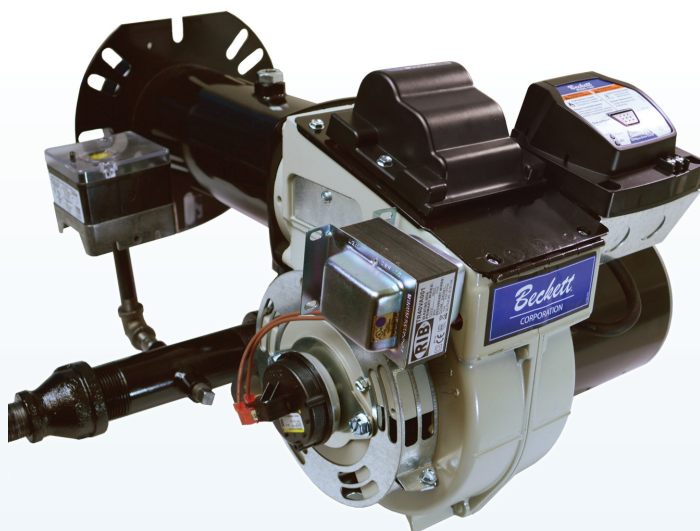
Ignition: Direct Spark

Operating Load: 5.3 Amps Max.

Gas Trains

UL Gas Train with 24V valves.

(See back for details)



How to Order

1. Order Burner Chassis

- Model: CG10 Burner Chassis
- Fuel Type: Specify Natural Gas or LP

2. Order Air Tube Combination

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

3. Order Accessories

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

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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.
- Meets CSD-1.



Beckett Igniter

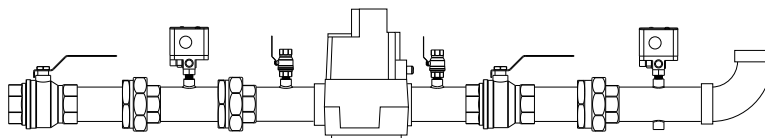
- Higher output voltage for reliable ignition.
- Approximately 75% lower input amps.

Chassis

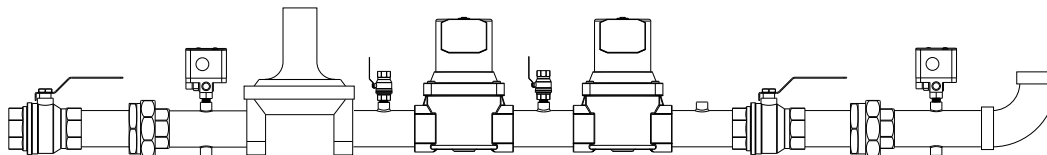
Part No.	Burner Model	Operating Range	Gas Train Size	Gas Train Layout (Reference 'Gas Trains' section below)	Operation Mode
CG10024	CG10	300 - 399 MBH	3/4"	A	On/Off
CG10025	CG10	300 - 600 MBH	1"	B	On/Off
CG10026	CG10	300 - 600 MBH	1"	C	On/Off w/LFS
CG10027	CG10B	600 - 1,000 MBH	1"	C	On/Off w/LFS
CG10028	CG10A	1,000 - 1,200 MBH	1-1/4"	C	On/Off w/LFS

Gas Trains

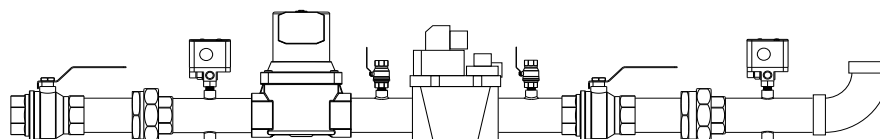
A - Single Combination Gas Valve 399 MBH max.



B - Pressure Regulator and (2) Solenoid



C - Press Regulating Safety Valve and Solenoid



R.W. **BECKETT** CORPORATION

USA: R.W. Beckett Corporation • ph: (800)645-2876 • fax: (800)800-9802 | Canada: R.W. Beckett Canada Ltd. • ph: (800)665-6972 • fax: (519)763-5656

www.beckettcorp.com