Beckett

COMMERCIAL PRODUCTS

Commercial Gas Burners

R.W. Beckett manufactures a complete line of high-quality commercial gas burners. They provide the same industry leading levels of performance, reliability, energy efficiency and ease of installation and service as our world-famous oil burners. And like our oil burners, our gas burners are backed by our 70-plus years of tradition of uncompromising excellence in product quality, customer service and technical support.

Our four natural gas burner models cover a firing range of **300,000 - 5,000,000 BTU/hr**. All burners have an option for propane conversion.

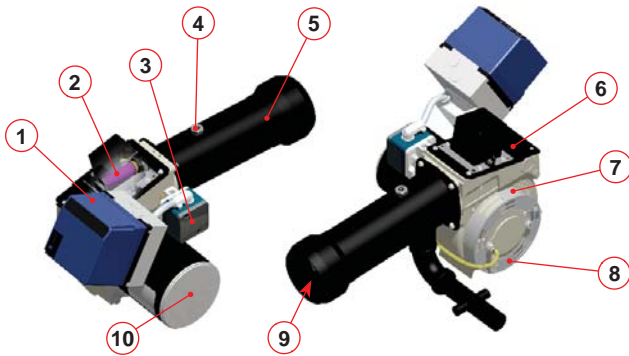| CG10	CG15	CG25	CG50
■ Rate: 300 to 1,200 MBH (Thousand BTU/hr)	■ Rate: 800 to 1,400 MBH	■ Rate: 1,300 to 2,700 MBH	■ Rate: 2,000 to 5,000 MBH
■ Modes of operation: • On/Off with low fire start	■ Modes of operation: • Low/High/Low • Modulation	■ Modes of operation: • Low/High/Low • Modulation	■ Modes of operation: • Low/High/Low • Modulation

Commercial Gas Burner Features

- Quick delivery and response time
- Exceptional performance even at low fire
- Easy service (Simple adjustment and overall design)
- Easy installation (Burners preconfigured to OEM appliance)
- Flexibility to offer standard features with the opportunity to upgrade to advanced technology

- Low Gas pressure operation
- New electrical box provides labeled and color coded terminal strips for quick and easy installation.
- Standard Power On and Fuel On indicator lights (CG15 through CG50)
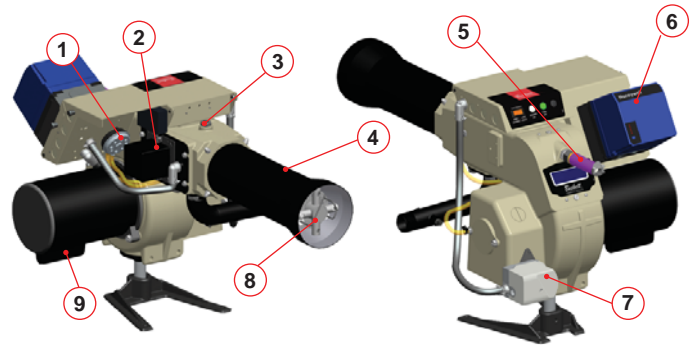
Standard Equipment and Features	Beckett Burner Model			
S - Standard O - Optional N/A - Not Available	CG10	CG15	CG25	CG50
On/Off with Low Fire Start	S	N/A	N/A	N/A
Propane Restrictor [1]	O	O	O	O
Linkageless Low/High/Low or Low/High/Off	N/A	S	S	S
Modulation with Pressure/Temperature Modulating Controller	N/A	O	O	O
Right or Left Side Gas Train Connection	S	S	S	S
Air Pressure Switch	S	S	S	S
Low Gas Pressure Switch	S	S	S	S
High Gas Pressure Switch	S	S	S	S
Main Shutoff Cock, Leak Test Cock, Test Connections, and Test Cocks	S	S	S	S
Direct Spark Ignition of Main Flame	S	S	S	S
Flame Safeguard with Flame Rod	S	N/A	N/A	N/A
Flame Safeguard with UV Sensor	O	S	S	S
Customized Electrical Cabinet [2]	O	O	O	O
UL/CUL - CSD1 - Swiss Re [3]	S	S	S	S
FM	O	O	O	S
IRI (old standard)	O	O	O	O
Power On - Fuel On, Indicator Light	O	S	S	S

[1] The addition of an optional propane restrictor allows for the conversion from natural gas to propane fuel without changing burner adjustments or settings.   [2] All modulating burners are standard with electrical cabinet with power on and fuel on lights.   [3] Some regional codes are standard; some require additional options. Call factory for more information.
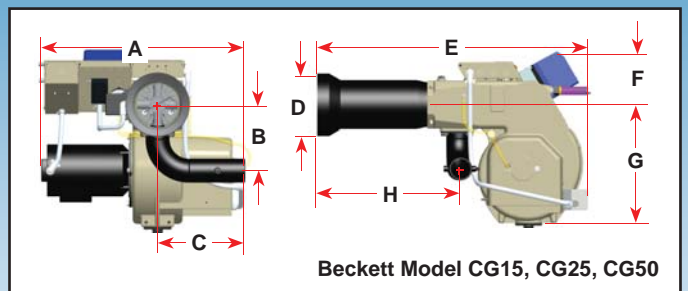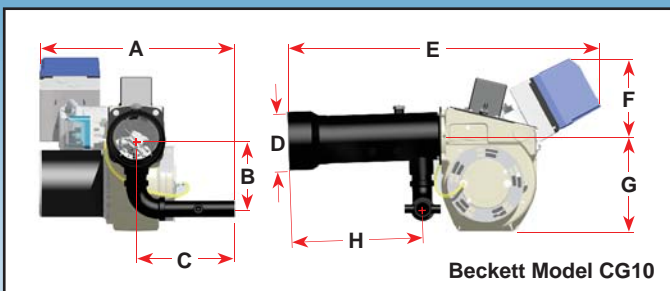

Major Components:
1. Primary Control
2. UV Sensor
3. Air Proving Switch
4. Jacking Screw
5. Air Tube
6. Transformer
7. Air Band
8. Shutter
9. Gas Gun
10. Motor

Major Components:
1. Air Proving Switch
2. Transformer
3. Jacking Screw
4. Air Tube
5. UV Sensor
6. Primary Control
7. Damper Motor
8. Gas Gun
9. Motor

Beckett Model CG10

Beckett Model CG15, CG25, CG50

Burner Model	Dimensions, in inches								Rating and Specifications				
	A	B	C	D	E	F	G	H	Natural Gas & Propane Min. MBH	Natural Gas & Propane Max. MBH	Motor Size (H.P.)	Standard Motor Voltage	Typical Gas Train (in.)
CG10	11.7	6.0	8.1	4.4 - 4.6	25.5	6.8	8.2	9.9 - 11.0	300	1,200	1/3	120/60/1	1.0
CG15	20.8	5.2	9.4	5.6	32.7	6.2	10.8	18.4	800	1,400	1/2	120/60/1	1.0 - 1.25
CG25	20.9	6.8	9.3	6.9	33.2	6.7	12.6	17.8	1,300	2,700	3/4	120/60/1	1.25 - 1.50
CG50	24.4	7.5	10.5	7.7	33.6	6.7	14.6	17.4	2,000	5,000	2	230/60/1	1.50 - 2.50