

Beckett[™]

COMMERCIAL PRODUCTS

Commercial Oil Burners

R.W. Beckett's line of high-quality commercial oil burners is a world-wide industry leader in performance, reliability, energy efficiency and ease of installation and service. They are backed by our 70-plus years of uncompromising excellence in product quality, customer service and technical support.

Our eight oil burner models cover a firing range of **1.65 gal/hr to 35 gal/hr**.



| CF375 | CF500 CF800 | CF1000 | CF1400 | CF2300A | CF2500(A) CF3500 |
|---|---|--|--|--|--|
| <ul style="list-style-type: none"> Rate: 1.65 to 3.75 GPH (Gallons per Hour) Modes of operation <ul style="list-style-type: none"> On/Off | <ul style="list-style-type: none"> Rate: 1.75 to 8.00 GPH (Gallons per Hour) Modes of operation <ul style="list-style-type: none"> On/Off | <ul style="list-style-type: none"> Rate: 4.00 to 10.00 GPH (Gallons per Hour) Modes of operation <ul style="list-style-type: none"> On/Off | <ul style="list-style-type: none"> Rate: 4.00 to 13.60 GPH (Gallons per Hour) Modes of operation <ul style="list-style-type: none"> Low/High/Low | <ul style="list-style-type: none"> Rate: 7.00 to 19.90 GPH (Gallons per Hour) Modes of operation <ul style="list-style-type: none"> Low/High/Low | <ul style="list-style-type: none"> Rate: 17.00 to 35.0 GPH (Gallons per Hour) Modes of operation <ul style="list-style-type: none"> Low/High/Low |

Commercial Oil 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
- New electrical box provides labeled and color coded terminal strips for quick and easy installation.
- Standard Power On and Fuel On indicator lights (CF1400 through CF3500)

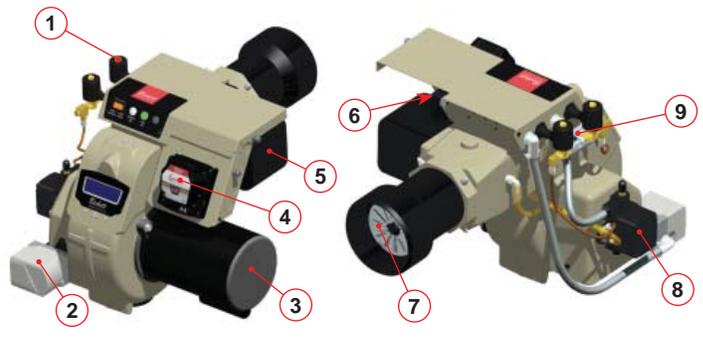
| Standard Equipment and Features | Beckett Burner Model | | | | | |
|--|---|-------|--------------|--------|--------|---------|
| | S - Standard O - Optional N/A - Not Available | CF375 | CF500, CF800 | CF1000 | CF1400 | CF2300A |
| On/Off | S | S | S | N/A | N/A | N/A |
| Linkageless Low/High/Low or Low/High/Off | N/A | N/A | N/A | S | S | S |
| Air Proving Switch | N/A | O | S | S | S | S |
| Direct Spark Ignition of Main Flame | S | S | S | S | S | S |
| Flame Safeguard with UV Sensor or Light Sensor | O | O | O | O | O | O |
| Customized Electrical Cabinet | N/A | O | O | O | O | O |
| UL/CUL - CSD1 - XL GAPS ¹ | S | S | S | S | S | S |
| FM | O | O | O | O | O | O |
| IRI (old standard) | S | O | O | O | O | O |

¹ Some regional codes are standard; some require additional options. Call factory for more information.



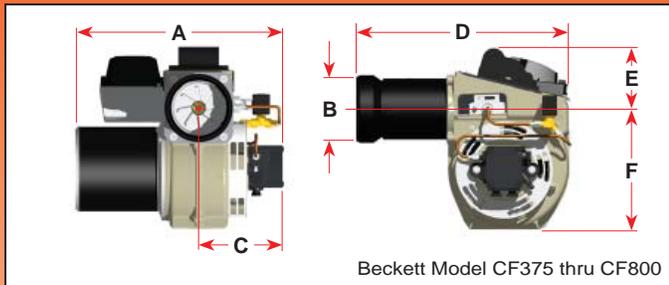
Major Components:

- 1. Ignitor
- 2. Primary Control
- 3. Blower Motor
- 4. Nozzle Line Electrode Assembly
- 5. Nozzle Line Adjustment Plates
- 6. Air Band
- 7. Shutter
- 8. Oil Pump
- 9. Oil Valve

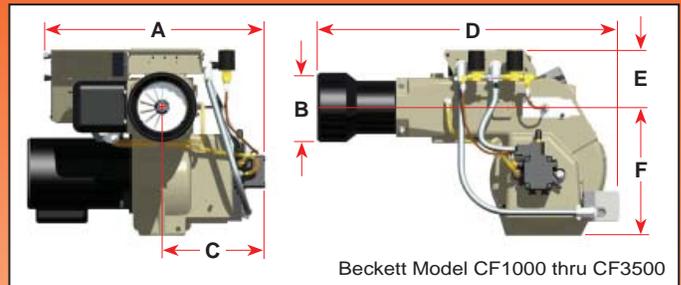


Major Components:

- 1. Oil Valves
- 2. Damper Motor
- 3. Blower Motor
- 4. Primary Control
- 5. Transformer
- 6. Air Proving Switch
- 7. Nozzle Line Electrode Assembly
- 8. Oil Pump
- 9. Nozzle Line Adjustment Plates



Beckett Model CF375 thru CF800



Beckett Model CF1000 thru CF3500

| Burner Model | Dimensions, in inches | | | | | | | | Rating and Specifications | | | |
|--------------|-----------------------|--------|--------|------|--------|--------|-----|------|---------------------------|------------------------|-------------------|------------------------|
| | A | B Min. | B Max. | C | D Min. | D Max. | E | F | Firing Rate Min. (GPH) | Firing Rate Max. (GPH) | Motor Size (H.P.) | Standard Motor Voltage |
| CF375 | 12.5 | 3.70 | - | 5.5 | 12.0 | 20.5 | 4.4 | 6.0 | 1.65 | 3.75 | 1/7 | 120/60 |
| CF500 | 13.5 | 3.70 | - | 5.5 | 12.5 | 24.0 | 4.0 | 7.8 | 1.75 | 5.50 | 1/3 | 120/60 |
| CF800 | 13.5 | 4.05 | 4.62 | 5.5 | 14.0 | 25.0 | 4.0 | 7.8 | 3.00 | 8.00 | 1/3 | 120/60 |
| CF1000 | 18.8 | 5.50 | 5.88 | 8.4 | 25.6 | 36.6 | 4.9 | 10.9 | 4.00 | 10.00 | 1/2 | 120/60 |
| CF1400 | 18.8 | 5.50 | 5.88 | 8.4 | 25.6 | 36.6 | 4.9 | 10.9 | 4.00 | 13.60 | 1/2 | 120/60 |
| CF2300A | 19.9 | 6.50 | - | 9.6 | 26.4 | 38.1 | 5.5 | 12.7 | 7.00 | 19.90 | 3/4 | 120/60 |
| CF2500A | 22.5 | 6.50 | - | 12.7 | 26.8 | 38.5 | 5.3 | 14.7 | 17.00 | 19.90 | 2 | 208/230/60 |
| CF2500 | 22.5 | 6.50 | - | 12.7 | 26.8 | 38.5 | 5.3 | 14.7 | 17.00 | 25.00 | 2 | 208/230/60 |
| CF3500 | 22.5 | 7.88 | 8.00 | 12.7 | 28.0 | 39.0 | 5.3 | 14.7 | 17.00 | 35.00 | 2 | 208/230/60 |