

# Setting the Standard



**EZ 1**  
**EZ 2**  
**EZ 3**  
**EZ LF**

The EZ Series of advanced oil burners combines Carlin's 70+ years of proven burner technology and reliability with our premium line of controls and high quality components to deliver ultra-quiet operation, trusted durability and unmatched performance.

- **State-of-the-art Pro-X Primary Control and Ignitor**
- **Bio Fuel Compatible (up to B20)**
- **Unsurpassed 5-year Warranty**

**NOW UL LISTED  
FOR BIO FUEL (up to B20)**

**Carlin<sup>®</sup>**  
**Combustion Technology**

# EZ Series Advanced Oil Burners

## EZ 1, EZ 2, EZ 3, EZ LF

Continuing to set the standard, Carlin EZ Oil Burners\* are now UL Listed for Bio Fuel blends up to B20. Get the same Carlin burner you've come to rely on, now **additionally UL Listed for B20!**



\*Manufactured after 2/16/21.

### Standard with State-of-the-Art Technology

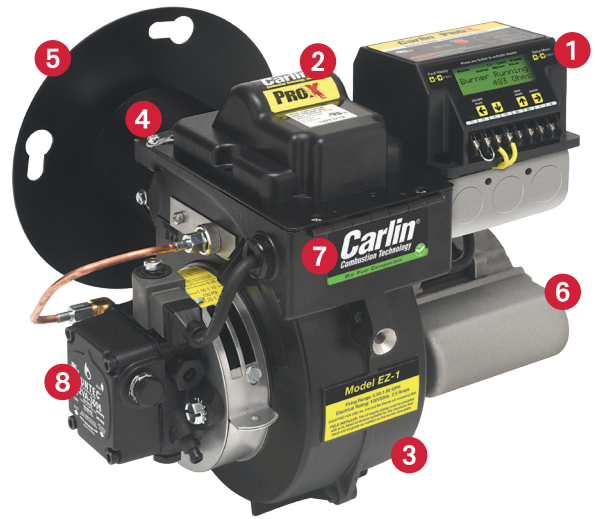
- **Pro-X 70200 Diagnostic Oil Primary**
  - Built in LCD Display with simple, on-screen navigation
  - Pinpoints the cause of burner faults for fast, accurate repairs
- **Pro-X 45000 Universal Ignitor**
  - Tested under extreme conditions for trusted confidence in any situation
  - Robust circuit design and optimized heat management for added durability

### Unmatched Performance

- **EZ Design** – Developed with the Tech in mind for simplified setup and servicing
- **OEM Specifications** – Factory set to individual OEM requirements for straightforward installs and optimal appliance performance
- **Quiet Operation** – Engineered for smooth light-off, combustion and minimal burner noise

### Highest quality components and attention to detail

- **CAP System Compatible** – Provides direct combustion air to the appliance while staying code compliant
- **Stainless Steel Nozzle Lines** – For EZ Oil line alignment and attachment
- **Suntec “B” Fuel Pumps** – With latest advancements for optimal performance with today's fuels



- 1 Carlin Pro-X 70200 Microprocessor Control
- 2 Carlin Pro-X 45000 Solid State Ignitor
- 3 Cast Aluminum Blower Housing
- 4 Continuous Welded Seam Air Tube
- 5 Welded Flange\*
- 6 Carlin PSC Motor
- 7 Bio Compatibility Label
- 8 Bio Designated Pump

\* Universal flange available

### SPECIFICATIONS

**Input**  
0.50 to 2.6 GPH  
70,000 to 364,000 BTUH

**Fuels**  
No. 1 or No. 2 Fuel oil, Bio blends not exceeding B20

**Electrical**  
Power – 120 vac/60 hz/1-phase  
Motor (PSC) – 1/7 hp, 3450 rpm

**Ignition**  
Carlin Pro-X 45000 solid state electronic ignitor  
Ignition voltage – 19,000 volts

**Control**  
Carlin Pro-X 70200 diagnostic oil primary control

**Operating Temperature Limits**  
Maximum ambient – 140°F (60°C)

**Agencies**  
UL Listed (US & Canada)



### FIRING RATE RANGES

Model	Range (GPH)	Head Bar Selections*
<b>EZ LF</b>	0.35 - 1.45	Fixed = 0.35-0.55; 0.60-0.65; 0.75; 0.85-1.00; 1.10-1.25; 1.35-1.50 Adjustable = 0-2; 2-4; 4-6; 6-8; 8-10
<b>EZ 1</b>	0.50 - 1.65	7 options: 0.50; 0.60-0.65; 0.75; 0.85-1.00; 1.10-1.25; 1.35-1.50; 1.65 GPH
<b>EZ 2</b>	1.50 - 2.25	4 options: 1.50; 1.65-1.75; 2.00; 2.25 GPH
<b>EZ 3</b>	2.00 - 2.60	3 options: 2.00; 2.25; 2.60 GPH

\*Head bars, supplied in kits with each burner, position the flame retention ring assembly correctly in the air tube for the given firing range. See burner manual for details.



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