


Why Choose Carlin

on  **ENERGY KINETICS®** ?

You'll get the industry's best burner with the most advanced control!



EZ Series Oil Burner Features

- Pro-X 70200 Primary Control – Advanced diagnostics and plain-language display for fast, accurate repairs
- Bio Fuel Compatible – UL Listed for use with Bio Blends up to B20
- OEM Specifications – Manufactured to Energy Kinetics requirements for optimal performance
- EZ Design – Developed with the Tech in mind for simplified installation, setup and servicing
- Quiet Operation – Engineered for smooth light-off and combustion, providing minimal burner noise
- Unsurpassed Warranty – 5 years on Carlin burner and components

The Carlin EZ-1 Oil Burner comes standard with your System 2000, 90+ Resolute, Resolute RT, Ascent Combi and Ascent Plus Combi!

Carlin®
Combustion Technology

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System 2000 and 90+ Resolute Gas Conversion Kits

All System 2000 , 90+ Resolute , Resolute RT, Ascent Combi and Ascent Plus Combi boilers are multi-fuel featured, which means that they can be easily converted from one fuel to another with a simple burner conversion kit. In the tables below are the part numbers to convert an existing oil-heat boiler to natural gas or propane.

Each kit includes:

- (1) Carlin EZ-Gas burner for EK1 and EK2 boilers; (1) Carlin 201 Gas burner for EK3 boilers, both with air box frame and gas valve
- Air Box Cover Kit with fresh air intake
- Blocked vent switch
- Amulet
- Wiring harness
- Double pole switch upgrade kit, with extra power/ground wires
- Orifice
- Kidde Nighthawk Gas/CO Alarm



**UL APPROVED
FOR BOTH
GAS AND OIL**

Gas Conversion Kits for Propane

Part Number	Description
10-0123	EK1 (Rear Service) Conversion Kit Propane with 0.189 orifice (120 MB), Air Box, and Gas/CO alarm
10-0123-F	EK1F Frontier, 90+ Resolute and Resolute RT Conversion Kit Propane with 0.189 orifice (120 MB), Air Box, and Gas/CO alarm
10-0123-T	EK1T Ascent and Ascent Plus Conversion Kit Propane with 0.189 orifice (120 MB), Air Box, and Gas/CO alarm
10-0124	EK2 (Rear Service) Conversion Kit Propane with 0.266 orifice (200 MB), Air Box, and Gas/CO alarm
10-0124-F	EK2F Frontier Conversion Kit Propane with 0.266 orifice (200 MB), Air Box, and Gas/CO alarm
10-0119-LP	EK3 Frontier Conversion Kit Propane with 13/32" orifice, Air Box, and Gas/CO alarm

Gas Conversion Kits for Natural Gas

Part Number	Description
10-0125	EK1 (Rear Service) Conversion Kit Natural Gas with 0.242 orifice (120 MB), Air Box, and Gas/CO alarm
10-0125-F	EK1F Frontier, 90+ Resolute and Resolute RT Conversion Kit Natural Gas with 0.242 orifice (120 MB), Air Box, and Gas/CO alarm
10-0125-T	EK1T Ascent Conversion Kit Natural Gas with 0.242 orifice (120 MB), Air Box, and Gas/CO alarm
10-0126	EK2 (Rear Service) Conversion Kit Natural Gas with 0.328 orifice (200 MB), Air Box, and Gas/CO alarm
10-0126-F	EK2F Frontier Conversion Kit Natural Gas with 0.328 orifice (200 MB), Air Box, and Gas/CO alarm
10-0119-NG	EK3 Frontier Conversion Kit Natural Gas with 1/2" orifice, Air Box, and Gas/CO alarm

**IMPORTANT
INFO!**

What do Carlin burners supplied by Energy Kinetics include that is not included in burners purchased at supply houses or from utilities?

- 1) A blocked air inlet switch, a double pole switch, wiring harness, and burner head protector for safe operation and UL compliance. The double pole switch supplies constant power to the primary control, other sourced burners do not include this, which may cause nuisance burner lockouts.
- 2) The air tube and the diffuser plates are different.
- 3) A Kidde Nighthawk combustible gas and carbon monoxide sensor for peace of mind and safety.
- 4) The burners have a welded burner flange. The plumbing supplier version includes a universal flange that needs to be adjusted by the tech to provide proper depth insertion into the chamber.
- 5) An air box for silent operation and outside combustion air connection (required for sidewall vent systems).