

# For better performance and better diagnostics – Choose Carlin!

Now available on Thermo Pride  
Highboy (OH) and Lowboy (OL) Oil Furnaces



## Carlin EZ Series Oil Burner Features

- Pro-X 70200 Primary Control – Xtreme Diagnostics (see back) pinpoint cause of burner faults for fast, accurate repairs
- OEM specifications – manufactured to Thermo Pride requirements for optimal performance
- EZ design – simplified setup and servicing
- Quiet operation – designed for smooth light-off and combustion
- Unsurpassed Warranty – 5 years on Carlin burner and components

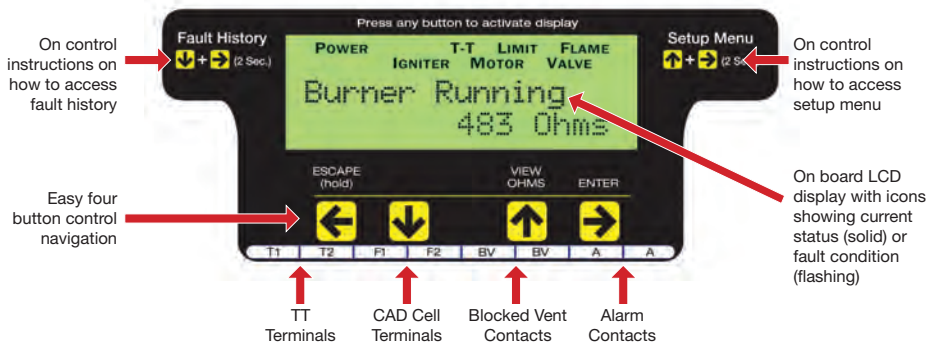
| Thermo Pride Furnace | Thermo Pride Part #<br>for Carlin Burner |
|----------------------|--|
| OH6                  | 380385                                   |
| OH8                  | 380386                                   |
| OL6                  | 380385                                   |
| OD6                  | 380385                                   |

**Carlin**<sup>®</sup>  
Combustion Technology, Inc.

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# PROX™ 70200 Xtreme Diagnostics

Icons and messages clearly identify the cause of fault condition.  
Detailed history of last 32 faults takes guesswork out of troubleshooting.



Last Fault Alert – Real diagnostics that spell out what the problem is when your technician arrives on the job even if control has been reset. Below is a snapshot of what you could see on a no heat call.



## Compare the Carlin PROX™ 70200 to Beckett Genisys and Honeywell



| FEATURES   | CARLIN 70200 | BECKETT GENISYS | HONEYWELL† 7284U |
|--|--------------|-----------------|------------------|
| Built in LCD Display                                   | Yes          | No              | Yes              |
| Adjustable TFI   | Yes          | No              | Yes              |
| Adjustable Flame Stabilization                         | Yes          | No              | No               |
| Adjustable Ignition Type (Interrupted or Intermittent) | Yes          | Yes             | Yes              |
| Adjustable Pre & Post Purge                            | Yes          | Yes*            | Yes              |
| Adjustable Allowed Recycles                            | Yes          | No              | Yes              |
| Internal T-T Jumpered                                  | Yes          | No              | Yes              |
| Fault History  | Yes          | Yes*            | Yes              |
| Alarm Relay  | Yes          | No**            | No               |
| Blocked Vent Contacts                                  | Yes          | No              | No               |
| Motor, Ignitor, and Valve Sense Display                | Yes          | No              | No               |
| Pump Prime   | Yes          | Yes             | Yes              |
| Display Icons  | Yes          | No              | No               |

| Line Volts Display | Live Ohms Reading |
|--------------------|-------------------|
|                    |                   |

| 70200 SPECIFICATIONS                 |                                       |
|--------------------------------------|---------------------------------------|
| Power Input (red/white wire)         | 120 VAC, 60 HZ                        |
| Limit Circuit Input (black wire)     | 120 VAC, 60 HZ                        |
| Motor Load (orange wire)             | 10 FLA/ 60 LRA (reduce by valve load) |
| Ignitor Load (blue wire)             | 120 VAC, 60 HZ, 500 VA                |
| Vent Input                           | 120 VAC, 60 HZ                        |
| Valve Load                           | 2 amps                                |
| Vent Load                            | 0.1 amp                               |
| Line Heater                          | 1 amp                                 |
| Alarm Contacts (dry contacts)        | 24V, AC/DC, 2A                        |
| Blocked Vent Contacts (dry contacts) | 24V, AC/DC, 2A                        |
| Operating Temperature Limits         | +32°F to +140°F                       |
| Storage Temperature Limits           | -40°F to +185°F                       |
| Thermostat Anticipator Current       | 0.1 A, AC                             |
| Agencies                             | UL Recognized (US & Canada)           |

### Replaces Beckett

7505A-000, 7505P-1515, 7505B-1500

### Replaces Carlin

40200, 42230, 48245, 50200, 60200

### Replaces Honeywell

RA116, RA117, R7184A, R7184B, R7184P, R7184U, R7284, R8184G, R8184P, R8184M (with Carlin Kool Kit)

### Replaces ICM

ICM1501, ICM1502, ICM1503

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\*Only with tool carried by service technician.

\*\*Not standard offering. Must purchase (52040 alarm model) added plug-in feature.

†Honeywell is a registered trademark of Honeywell International, Inc.