

Request Carlin on your *Regal Star!*

Better Design and Better Performance



EZ Series Oil Burner Features

- Pro-X 70200 Primary Control (See back) – Advanced diagnostics and plain language display for fast, accurate repairs
- OEM Specifications – Factory set to Boyertown requirements for optimal performance straight out of the box
- Quiet Operation – Engineered for smooth light-off and combustion with minimal burner noise
- EZ Design – Developed with the Tech in mind for simplified installation, setup and servicing

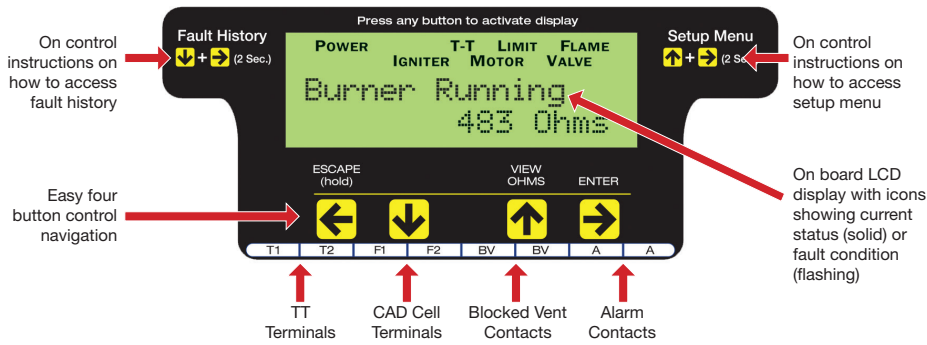
Get the Pro-X 70200
Primary Control standard
when you order your
BOYERTOWN Regal Star Furnace
with the Carlin EZ Series!

Carlin[®]
Combustion Technology

126 Bailey Road • North Haven, CT 06473 • 203-680-9401
www.carlincombustion.com

PROX 70200 Xtreme Diagnostics

Icons and plain language 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.

Last Fault
No Flame Chk Vlv

Toggles every 3 seconds

To Clear Messages
Hold [ESC] 3 Sec

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
3 Adjustable Ignition Types (Smart Ignition, Interrupted or Intermittent)	Yes	No	No
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, 9VA
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
Valve Load	120 VAC, 60 HZ, 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, ICM1503vv

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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.