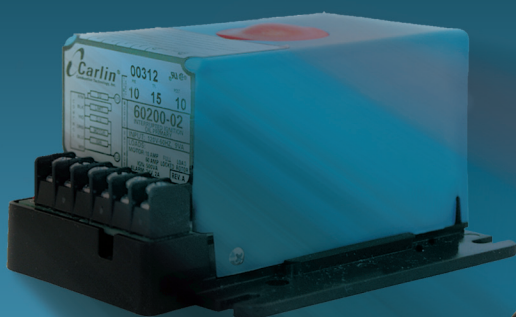


NEW

Carlin Series-E Oil Primary Controls

Like-for-Like Replacements for
Models 40200, 42230, 48245, 50200, 60200



***New Features
and a New Look
for the Controls
You Know and Trust***

- Pump Prime
- LED Indicators
- Recycle On Flame Failure
- Serviceman Reset Protection
- Water Resistant Design
- Easy Plug-In Terminals
- Ideal for LIKE-FOR-LIKE re-
placement of earlier Carlin con-
trols (part numbers and model
numbers remain the same)

CarlinTM
Combustion Technology, Inc.

SERIES E OIL PRIMARY CONTROLS

FEATURES & SPECIFICATIONS

- Like-for-Like Replacements for Models 40200, 42230, 48245, 50200, 60200
- Interrupted Duty Ignition
- 15-second trial for ignition (40200, 50200, 60200)
- 30-second trial for ignition (42230)
- 45-second trial for ignition (48245)
- LED Indicators
- Recycle on flame failure
- Serviceman Reset Protection
- Pump Prime
- SMC Technology
- Alarm contacts (50200, 60200)
- Flame Signal Test Jack (50200, 60200)
- Valve Delay On/Motor Delay Off (50200, 60200)
- Smart Ignition (48245)

40200, 42230 Specifications

Power Input (from limit circuit)	120 VAC, 60 Hz, 10 VA
Motor Load	10 FLA, 60 LRA
Ignitor Load	120 VAC, 60 Hz, 500 VA
Operating Temperature Limits	+32°F to +140°F
Storage Temperature Limits	-40°F to +185°F
Thermostat Anticipator Current	0.2A, AC
Cad Cell Resistance - with flame	R < 1500 ohms
Agencies	UL Recognized (U.S. & Canada)

50200 Specifications

Power Input (from limit circuit)	120 VAC, 60 Hz, 9 VA
Motor Load	10 FLA, 60 LRA
Ignitor Load	120 VAC, 60 Hz, 500 VA
Alarm Contacts	24 V, AC/DC, 2 A
Operating Temperature Limits	+32°F to +140°F
Storage Temperature Limits	-40°F to +185°F
Thermostat Anticipator Current	0.2A, AC
Cad Cell Resistance - with flame	R < 1500 ohms
Agencies	UL Recognized (U.S. & Canada)

48245 Specifications

Power Input (from limit circuit)	120 VAC, 60 Hz, 10 VA
Motor Load	10 FLA, 60 LRA
Ignitor Load	120 VAC, 60 Hz, 500 VA
Operating Temperature Limits	+32°F to +140°F
Storage Temperature Limits	-40°F to +185°F
Thermostat Anticipator Current	0.2A, AC
Cad Cell Resistance - with flame	R < 1500 ohms
Agencies	UL Recognized (U.S. & Canada)

*includes Smart Ignition feature

60200 Specifications

Power Input (from limit circuit)	120 VAC, 60 Hz, 9 VA
Limit Circuit Input (black wire)	120 VAC, 60 Hz
Motor Load	10 FLA, 60 LRA
Ignitor Load	120 VAC, 60 Hz, 500 VA
Valve Load	120 VAC, 60 Hz, 2.0 A
Alarm Contacts	24 V, AC/DC, 2 A
Operating Temperature Limits	+32°F to +140°F
Storage Temperature Limits	-40°F to +185°F
Thermostat Anticipator Current	0.1A, AC
Cad Cell Resistance - with flame	R < 1500 ohms
Agencies	UL Recognized (U.S. & Canada)



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