

Part No.	Description
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**702G/O COMBINATION GAS/OIL BURNERS WITH 120V CONTROL SYSTEM AND PREWIRED GAS TRAIN**

*Note: Select Chassis and Train. Low Gas Pressure Train required for burners firing with less than 5" W.C. See Adder Below for Low Gas Pressure Burners. Massachusetts burners require special wiring codes. See below.*

*IMPORTANT: Gas Pressure can fluctuate based on local area demand. Select the gas train that corresponds to the lowest anticipated pressure. When in doubt, select the next larger train size or call Tech Support at 800-989-2275 for assistance.*

**CHASSIS - 6.0 - 11.2 GPH OIL AND 840,000 - 1,600,000 BTUH INPUT**

51500A	702G/O Standard Chassis Only
51500AN	702G/O New York City Chassis Only

**STANDARD AND LOW GAS PRESSURE GAS TRAIN**

51572B	1" Gas Train for Low Pressure up to 950,000 BTUH, Standard Pressure up to 1,100,000 BTUH
51572E	1 1/4" Gas Train for Low Pressure up to 1,050,000 BTUH, Standard Pressure up to 1,350,000 BTUH
51572G	1 1/2" Gas Train for Low Pressure up to 1,200,000 BTUH, Standard Pressure up to 1,600,000 BTUH
51572J	2" Gas Train for Low and Standard Pressure up to 1,600,000 BTUH

**MASSACHUSETTS CODE AND LOW GAS PRESSURE TRAIN WITH LOW AND HIGH PRESSURE SWITCHES**

51572C	1" Gas Train for Low Pressure up to 950,000 BTUH, Standard Pressure up to 1,100,000 BTUH
51572F	1 1/4" Gas Train for Low Pressure up to 1,050,000 BTUH, Standard Pressure up to 1,350,000 BTUH
51572H	1 1/2" Gas Train for Low Pressure up to 1,200,000 BTUH, Standard Pressure up to 1,600,000 BTUH
51572K	2" Gas Train for Low and Standard Pressure up to 1,600,000 BTUH

**VENTLESS GAS TRAINS WITH LOW AND HIGH PRESSURE SWITCHES\***

51601CV	1" Gas Train for Low Pressure up to 950,000 BTUH, Standard Pressure up to 1,100,000 BTUH
51601HV	1 1/2" Gas Train for Low Pressure up to 1,200,000 BTUH, Standard Pressure up to 1,600,000 BTUH
51601KV	2" Gas Train for Low and Standard Pressure up to 1,600,000 BTUH

\*Meets Mass Code

**PANEL UPGRADE KITS**

Burner includes standard panel at no additional cost with the option to upgrade via one of our factory-installed panel kits (listed below).  
Standard Panel Includes: LIGHTS: Power On, Call for Heat SWITCHES: Service, Fuel Selector, Low/High Fire, Air Flow

PNLKIT1	Panel add-on Kit #1. Includes Standard Equipment plus • Flame Failure Light • Auxillary Relay (energized on call for heat, used to power auxillary devices)
PNLKIT2	Panel add-on Kit #2. Includes Standard Equipment plus • Flame Failure Light • Low Water Light
PNLKIT3	Panel add-on Kit #3. Includes Standard Equipment plus • Flame Failure Light • High Limit Light • Alarm Silence Switch • Alarm Bell

**STANDARD EQUIPMENT**

- |   |                                       |
|---|---------------------------------------|
| 1. Carlin 45000 & 41800 Solid State Ignitor | 5. Damper Motor SQN71 with End Switch |
| 2. Model RM7897C Primary Safety Control     | 6. 14" Air Tube                       |
| 3. Model C7027A UV Scanner                  | 7. Two Stage Two Step Fuel Pump "B"   |
| 4. Marathon 1/2 HP Motor                    | 8. Panel                              |

**GAS TRAIN EQUIPMENT – PREWIRED, PREPIPED & FACTORY TESTED**

- Maxitrol Model RV Gas Pressure Regulator
- Model V4295A Solenoid Gas Valve
- Model V48A Diaphragm Gas Valve
- Asco 8214G Pilot Gas Valve
- Maxitrol RV47L Pilot Regulator

**OPTIONAL EQUIPMENT**

- Pedestal mount – Part No. 23382S
- 1" Spacer – required for mounting on Peerless boilers. Part No. 51601A
- Auto Fuel-Changeover functionality available – consult factory

The maximum high-fire capability is reduced slightly when firing (forced-draft) against back-pressure. Visit [carlincombustion.com](http://carlincombustion.com) for more information.

Part No.	Description
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**801GO COMBINATION GAS/OIL BURNERS WITH 120V CONTROL SYSTEM AND PREWIRED GAS TRAIN**

*Note: Select Chassis and Train. Low Gas Pressure Train required for burners firing with less than 5" W.C. See Adder Below for Low Gas Pressure Burners. Massachusetts burners require special wiring codes. See below.*

**IMPORTANT:** Gas Pressure can fluctuate based on local area demand. Select the gas train that corresponds to the lowest anticipated pressure. When in doubt, select the next larger train size or call Tech Support at 800-989-2275 for assistance.

**CHASSIS - 10.4 TO 15.0 GPH OIL AND 1,400,000 - 2,100,000 BTUH INPUT**

51600A	801G/O Standard Chassis Only
51600AN	801G/O New York City Chassis Only

**CHASSIS - 15.0-17.5 GPH OIL AND 2,100,000 - 2,499,999 BTUH INPUT**

51600B	801G/O Standard Chassis Only
51600BN	801G/O New York City Chassis Only

**STANDARD AND LOW GAS PRESSURE GAS TRAIN**

51572G	1 1/2" Gas Train for Low Pressure up to 1,400,000 BTUH, Standard Pressure up to 2,100,000 BTUH
51572J	2" Gas Train for Low and Standard Pressure up to 2,499,999 BTUH

**MASSACHUSETTS CODE AND LOW GAS PRESSURE TRAIN WITH LOW AND HIGH PRESSURE SWITCHES**

51572H	1 1/2" Gas Train for Low Pressure up to 1,400,000 BTUH, Standard Pressure up to 2,100,000 BTUH
51572K	2" Gas Train for Low and Standard Pressure up to 2,499,999 BTUH

**VENTLESS GAS TRAINS WITH LOW AND HIGH PRESSURE SWITCHES\***

51601HV	1 1/2" Gas Train for Low Pressure up to 1,200,000 BTUH, Standard Pressure up to 1,600,000 BTUH
51601KV	2" Gas Train for Low and Standard Pressure up to 1,600,000 BTUH

\*Meets Mass Code

**PANEL UPGRADE KITS**

Burner includes standard panel at no additional cost with the option to upgrade via one of our factory-installed panel kits (listed below).  
Standard Panel Includes: LIGHTS: Power On, Call for Heat SWITCHES: Service, Fuel Selector, Low/High Fire, Air Flow

PNLKIT1	Panel add-on Kit #1. Includes Standard Equipment plus • Flame Failure Light • Auxillary Relay (energized on call for heat, used to power auxillary devices)
PNLKIT2	Panel add-on Kit #2. Includes Standard Equipment plus • Flame Failure Light • Low Water Light
PNLKIT3	Panel add-on Kit #3. Includes Standard Equipment plus • Flame Failure Light • High Limit Light • Alarm Silence Switch • Alarm Bell

**STANDARD EQUIPMENT**

- |  |                                       |
|--|---------------------------------------|
| 1. Carlin 45000 & 41800 Solid State Ignitor          | 5. Damper Motor SQN71 with End Switch |
| 2. Model RM7897C Primary Safety Control              | 6. 15" Air Tube                       |
| 3. Model C7027A UV Scanner                           | 7. Two Stage Two Step Fuel Pump "B"   |
| 4. Marathon 3/4 HP Motor or 1.5HP if firing over 2.1 | 8. Panel                              |

**GAS TRAIN EQUIPMENT – PREWIRED, PREPIPED & FACTORY TESTED**

- Maxitrol Model RV Gas Pressure Regulator
- Model V4295A Solenoid Gas Valve
- Model V48A Diaphragm Gas Valve
- Asco 8214G Pilot Gas Valve
- Maxitrol RV47L Pilot Regulator

**OPTIONAL EQUIPMENT**

- Pedestal mount – Part No. 23382S
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