

Part No.	Description
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702GAS BURNERS WITH PILOT IGNITION, 120V CONTROL SYSTEM AND PRE-WIRED 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 - 840,000 - 1,600,000 BTUH INPUT	
52500A	702GAS Standard Chassis Only

STANDARD AND LOW GAS PRESSURE 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, Gas On/Off, 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 41800 Solid State Ignitor
2. Model RM7897C Primary Safety Control
3. Model C7027A UV Scanner
4. Marathon 1/2 HP Motor
5. Damper Motor SQN71 with End Switch
6. 14" Air Tube
7. Panel

GAS TRAIN EQUIPMENT – PREWIRED, PREPIPED & FACTORY TESTED

1. Maxitrol Model RV Gas Pressure Regulator
2. Model V4295A Solenoid Gas Valve
3. Model V48A Diaphragm Gas Valve
4. Asco 8214G Pilot Gas Valve
5. Maxitrol RV47L Pilot Regulator

OPTIONAL EQUIPMENT

1. Pedestal mount (Part No. 23382S)
 2. 1" Spacer – required for mounting on Peerless boilers. Part No. 51601A
- Model 702GAS fires both natural & propane gas without a conversion kit. Only need to change pilot orifice.

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

Parts List ■ Items that are shaded are considered stock items and will ship in 3-5 days.

Part No.	Description
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801GAS BURNERS WITH PILOT IGNITION, 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 - 1,400,000- 2,100,000 BTUH INPUT

52600A	801GAS Standard Chassis Only
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CHASSIS - 2,100,000- 2,499,999 BTUH INPUT

52600B	801GAS Standard Chassis Only
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STANDARD AND LOW GAS PRESSURE TRAIN

51572G	1 1/2" Gas Train for Low Pressure up to 1,800,000 BTUH, Standard Pressure up to 2,100,000 BTUH
51572J	2" Gas Train for Low and Standard Pressure up to 2,499,999

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

51572H	1 1/2" Gas Train for Low Pressure up to 1,800,000 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, Gas On/Off, 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 41800 Solid State Ignitor
2. Model RM7897C Primary Safety Control
3. Model C7027A UV Scanner
4. Marathon 3/4 HP Motor or 1.5HP if firing over 2.1
5. Damper Motor SQN71 with End Switch
6. 15" Air Tube
7. Panel

GAS TRAIN EQUIPMENT – PREWIRED, PREPIPED & FACTORY TESTED

1. Maxitrol Model RV Gas Pressure Regulator
2. Model V4295A Solenoid Gas Valve
3. Model V48A Diaphragm Gas Valve
4. Asco 8214G Pilot Gas Valve
5. Maxitrol RV47L Pilot Regulator

OPTIONAL EQUIPMENT

1. Pedestal mount (Part No. 23382S)
 2. 1" Spacer – required for mounting on Peerless boilers. Part No. 51601A
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