



**IMPORTANT**

1. Always include complete heater model and serial number so that any specification change can be considered for parts shipment. It can save time and expense.
2. Specifications are subject to change without notice.
3. We reserve the right to substitute functional replacements.
4. Order by Part No.; not Heater Option Designation.

**Replacement Parts**

**Applies to: Separated-Combustion Models SC, SCE, SSCBL, SSCDBL**



**Index**

- A**  
Air Shutter (burner rack) 11  
Blower Air Flow Switch 5  
Alarm Bell 12  
Amplifiers 6
- B**  
Heat Exchanger Tube Baffles 10  
Bearing Mounting 30  
Bearings 28  
Belt 20, 21, 22, 24, 25  
Motor Mounting Bolts 30  
**Burner Rack and Components 10**
- C**  
Blower Cabinet Parts 27  
Interior Cabinet Parts 9  
Cabinet Parts 26, 28  
Exhaust Cap 3  
Inlet Air Cap 3  
Capacitor 9  
Carryover 10  
Carryover Regulator 11  
Combustion Air Pressure Switch 5  
Concentric Adapter Assy 3  
Condensate Drain Kit 26  
Motor Contactor 6  
Mixed Air Controller 32  
Outside Air Controller 32
- D**  
Damper Motor 31  
Damper Rod 31  
Dampers and Controls 31  
Date of Manufacture 2  
Date Series was Introduced or Re-certified 3  
DDC (4-20 ma) interface module 32  
Disconnect Switch 7  
Drive Options and Components 20  
Ductstat 5  
Ductstat Sensor 5
- E**  
Electrical Components 4  
Screened Exhaust Cap 3
- F**  
Rubber Feet and Hardware (blower motor) 28

- Filters 27, 30  
Firestat 5  
Flue Collection Box 9  
Freezestat 5  
Frequency Drives 17  
Fuse 6  
Fuseholder 6
- G**  
Grommet 26  
Inlet Guard 3
- H**  
Hand Quadrant 32  
**Heat Exchanger 9**  
Heat Exchanger Directional Air Baffles 9
- I**  
**Ignition Controllers 5**
- L**  
Door Latch Kit 29  
Light 8  
**Reverse Flow Limit 6**  
**Limit Control 4**  
Damper Linkage Parts 32  
Louvers 26
- M**  
Special Manifold Components 12  
**Manifold 11**  
Blower Motor 13, 14, 15, 16, 17, 18, 19, 20  
Damper Motor 31  
Gear Motor 9  
Motor Adjustment Bracket 28  
Motor Support 28, 29  
Mounting Support 26
- O**  
Burner Orifices 10  
Convenience Outlet 6  
Overload 14, 16  
Overloads 17
- P**  
Paint 26  
Replacement Parts Tag 3  
**Pilots 12**  
**Pressure switch 5**  
Low Gas Pressure Switch 12  
Pressure Null Switch 32  
Dirty Filter Pressure Switch 7  
High Gas Pressure Switch 6, 12

- Low Gas Pressure Switch 6  
Pulley 20, 21, 22, 24, 25
- R**  
Rating Plate 2  
2-Speed Motor Speed Selector Relay 6  
Relay 4, 9, 12  
Remote Console 7
- S**  
Discharge Sensor for Modulating Gas 6  
Air Flow Switch Sensor 30  
Serial Number 2  
Blower Shaft 28  
Signal Conditioner 6  
Silicone Sealant 3  
Starter 14  
Holding Coils for IEC Starters 17  
Starters 13, 14, 15, 16, 17, 18, 19, 20  
Summer/Winter Switch 5  
Toggle Switches 7  
Auxiliary End Switch 32  
Gas Pressure Switch 6  
Switch 8
- T**  
Temperature Control 6  
Temperature Selectors 6  
Terminal Block 4  
Thermostats 7  
**Transformer 4, 7, 13**
- V**  
Fluid Power Valve 13  
Gas Valve 10  
Manual Gas Valves 11  
Variable Frequency Drives 13  
Venter and Flue Duct Parts 8  
**Venter Motor and Wheel 8**  
Vent Limiter 6  
Vent Terminal/Combustion Air Intake Components 3  
Vent Valve 13

**Model SC Duct Furnace**



**Model SCE Blower/Furnace Packaged System**

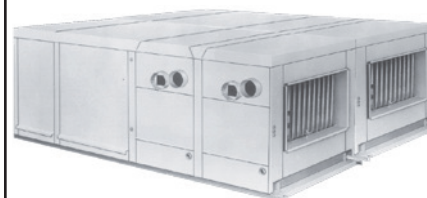


(discontinued 2011)

**Model SSCBL Packaged System with "BL" Type Blower Cabinet and 1, 2, or 3 Furnace Sections**



**Model SSCDBL Packaged System with two "BL" Type Blower Cabinets and 2, 4, or 6 Furnace Sections**



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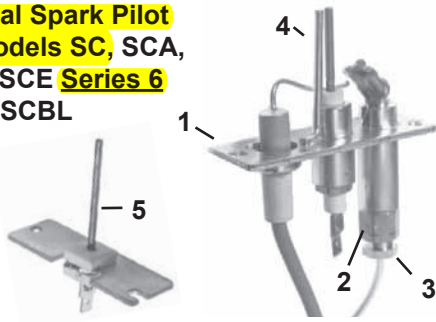
**Additional References:**

(See your factory distributor for the following catalogs and instruction manuals)

<b>Subject</b> .....	<b>Form</b>
Service - Replacement Gas Valves, Ignition Controllers & Maxitrol Parts.....	P-VALVES
Service - Converting to Other Gases.....	P-GC
Service - Replacement Parts for Optional Evaporative Cooling Module.....	P-REC
Installation/Operation - Model Series SC, Duct Furnace.....	I-SC
Installation/Operation - Model Series SCE Packaged Duct Furnace/Blower.....	I-SCE
Installation/Operation - Model Series SSCBL and SSCDBL Packaged Systems.....	I-SSCBL
Installation/Operation - Vent Terminal/Combustion Air Packages.....	I-OPT-VC
Installation/Operation - Optional Evaporative Cooling Modules.....	I-OPT-EC

**Code 129 - Pilots**

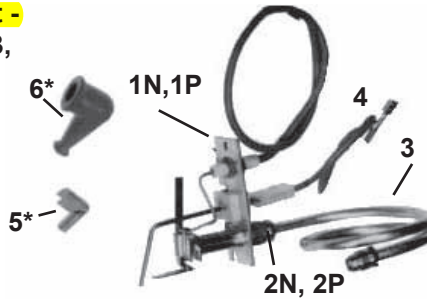
**Vertical Spark Pilot for Models SC, SCA, SCB, SCE Series 6 and SSCBL**



Replacement Pilot Kits		Natural Gas - P/N 131457
		Propane - P/N 131458
Code	P/N	Component Description
1	125251	Natural Gas Pilot Assembly with orifice, pilot tubing, flame probe; less flame sensor lead and fitting (J/C J981HKW 9731-713)
	125671	Propane Pilot Assembly with orifice, pilot tubing, flame probe; less flame sensor lead and fitting (J/C J981HKW 9715-413)
2	93973	Natural Gas Orifice only, #9731-713 (brass)
	126024	Propane Orifice only, #9715-413 (black)
3	98698	Pilot Tubing, 1/8" OD x 18" lg (J/C #B10499-995-11)
	97572	Compression Fitting FTG75 (2 required when replacing pilot tubing)
4	126104	Flame probe, J/C Y75AA-2
5	126101	Auxiliary flame probe with bracket, J/C Y75 GB-1
6	125401	(2) Sensor lead assembly, 18 ga. x 14", 150°C

**Horizontal Spark Pilot - Models SC, SCA, SCB, SCE, SSCBL prior to Series 6**

**Replacement Pilot Kits:**  
**Natural Gas - P/N 110861**  
**Propane - P/N 110862**



Code	P/N	Component Description
1N	61145	Natural gas pilot with orifice, high tension lead, flame probe (less pilot tubing & sensor lead)
1P	61146	Propane pilot with orifice, high tension lead, flame probe (less pilot tubing & sensor lead)
2N	63088	Natural gas pilot orifice only (7221)
2P	37801	Propane pilot orifice only (4209)
3	5145	Pilot tubing, 22" long
	9664	Nut with breakaway ferrules (2 required)
4	44675	Sensor lead 9" long
5*	112647	Crimp-on, 90° Rajah terminal connector
6*	112648	90° Boot Terminal Protector

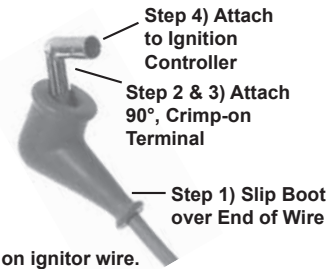
**Instructions for connecting ignitor lead on replacement spark pilots to Model G60 & G67 ignition controllers:**

1. Identify the ignitor wire attached to the pilot electrode. Slip the 90° protective boot on to the wire, as illustrated →.
2. On the "open" leg of the 90° crimp-on terminal (P/N 112647), locate a flat, triangular spike tab punched in the metal. With the tip of a small, straight screwdriver, force the spike tab toward the inside of the connector. Straighten the tab to a vertical position.
3. Insert the ignitor wire into that same connector leg (just to the 90° bend) and push the wire onto the protruding spike tab, making sure that the tab penetrates the insulation. (Do not strip the ignitor wire.) Using a crimping tool or pliers, squeeze the sides of the terminal to form a "C" shape. The ignitor wire should now be firmly held by the terminal.
4. Slide the protective boot over the terminal. Holding the boot, attach the 90° Rajah terminal to the ignitor lead on the Model G60 or G67BG/NG-2 ignition controller.

**Crimp-on, 90° Rajah Terminal Connector, P/N 112647**

**Protective Boot, P/N 112648**

Effective with replacement pilots purchased beginning 9/91, the crimp-on connector and protective boot are required (in the kit or separately) on units equipped with a Model G60 or G67BG-NG-2 ignition controller. (NOTE: These parts are not required when the ignition controller is a Model G67BG-5 or G770NGC-4.)



Install boot and terminal on ignitor wire.

**Special Manifold Components**

**Codes 130-143 - Illinois School Code, Option BM12 (applies to Model SCE Series 6 and Model SSCBL)**

Code	Description	P/N
Components for Illinois School Code Manifold (Option BM12 is no longer required but was available on SCE and SSCBL)		
130	Low Gas Pressure Switch, see page 6, Code 41 or 42	
131	High Gas Pressure Switch, see page 6, Code 43	
132	Vent Limiter, Maxitrol A1209, see page 6	
133	Pressure Switch Brackets	(3-7)100261
134	Manual Gas Valve (one per unit), page 11	
135	Manual Pilot Shutoff (one per unit), page 11	
136	Safety Solenoid Valve (one per unit)	88242
137	Pilot Valve (one per unit)	25787
138	Pilot Valve Bracket	100262
139	Relay SPDT - Order Replacement Kit, P/N 263527	
140	Relay SPST - Order Replacement Kit, P/N 263527	
141	Pilot Regulator, Maxitrol 400S	86965
142	Switch Push Button (Alarm Silencing)	110130
143	Alarm Bell (Adaptable Edwards #340-465, 24V)	110131

