

REPLACEMENT PARTS: SEPARATED COMBUSTION FURNACES

SC SERIES MODELS: SC, SCE, SSCBL, AND SSCDBL

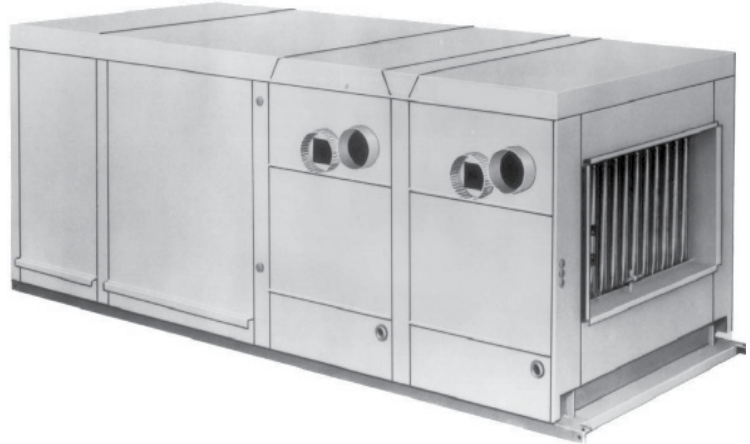
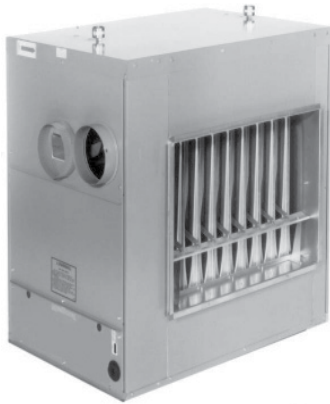


TABLE OF CONTENTS

REFERENCES	2
RATING AND IDENTIFICATION PLATES AND REPLACEMENT PARTS TAGS	3
SERIAL NUMBERS	5
ELECTRICAL COMPONENTS	6
VENTER AND FLUE DUCT COMPONENTS	16
INTERIOR CABINET AND HEAT EXCHANGER COMPONENTS	18
BURNER RACK COMPONENTS	19
PILOT COMPONENTS	22
SPECIAL MANIFOLD COMPONENTS	24
REPLACEMENT BLOWER MOTORS, STARTERS, AND VARIABLE FREQUENCY DRIVES FOR UNITS MANUFACTURED <i>BEFORE</i> APR 2013	26
REPLACEMENT BLOWER MOTORS, STARTERS, AND VARIABLE FREQUENCY DRIVES FOR UNITS MANUFACTURED <i>AFTER</i> MAR 2013	32
DRIVE COMPONENTS	36
CABINET COMPONENTS	45
FILTER ARRANGEMENTS	54
DAMPER COMPONENTS	56
VENT TERMINAL/COMBUSTION AIR INTAKE COMPONENTS	59

IMPORTANT

1. Always include complete model and serial number so that any specification change can be considered for parts replacement. It can save time and expense.
2. In keeping with our policy of continuous product improvement, we reserve the right to alter any information shown here. Specifications are subject to change without notice.
3. We reserve the right to substitute functional replacements.
4. Order by Part Number (PN) not by option designation.

BURNER RACK COMPONENTS—CONTINUED


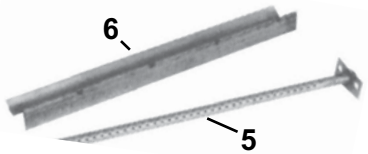
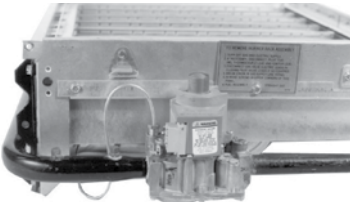
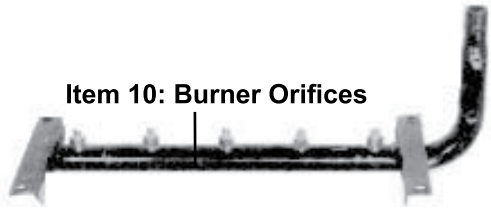
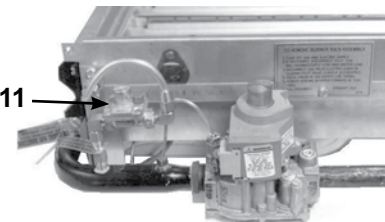
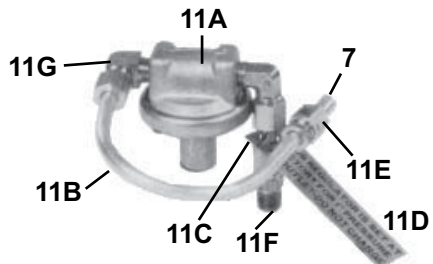
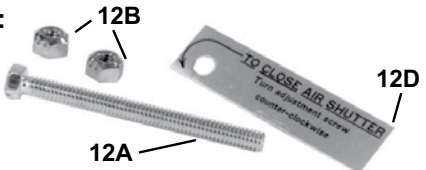








<p>Item 1: Burner Rack</p> 	<p>Item 5: Carryover Lighter Tube</p> <p>Item 6: Drip Shield</p> 		
<p>Series 6 Natural Gas Burner Rack</p>  <p style="text-align: center;">Gas Valve</p>	<p>Item 9: Manifold</p> <p style="text-align: center;">Item 10: Burner Orifices</p> 		
<p>Series 6 Propane Gas Burner Rack</p>  <p style="text-align: center;">Gas Valve</p>	<p>Item 11: Regulated Carryover Assembly</p> 		
<p>Items 12A–12D: Air Shutter Hardware for Propane Burner Rack</p> 	<p>Item 13: Carryover Regulator</p> 		
<p>Item 14: Manual Gas Valve</p>  <p>PN 196910 or 196911 PN 159725 or 159729</p>	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top; padding: 5px;"> <p>Item 14A: Ball Valve Adapter</p>  </td> <td style="width: 50%; vertical-align: top; padding: 5px;"> <p>Item 15: Pilot Shutoff Valve</p>  </td> </tr> </table>	<p>Item 14A: Ball Valve Adapter</p> 	<p>Item 15: Pilot Shutoff Valve</p> 
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Figure 10. Burner Rack Components (Refer to [Table 12](#) and [Table 13](#))

BURNER RACK COMPONENTS—CONTINUED

Table 13. Carryover and Burner Orifices (Sea Level)													
Item No.*	Component	Description	PN and Drill Size	Unit Size (Model SSCBL)									
				—						500	600	700, 1050	400, 800, 1200
				Unit Size (Model SC/SCE)									
100	125	150	175	200	225	250	300	350	400				
7	Carryover orifice	Natural gas**	PN***	9870		9680				10370		—	9791
			Drill	(70)		(65)				(59)		—	(56)
		Propane (all models)	PN***	9870		9680				10370		38274	
			Drill	(70)		(65)				(59)		(57)	
10	Burner orifice	Natural gas	PN***	11792 (4)	84437 (5)	11833 (7)	84437 (7)	11828 (9)	84437 (9)	11833 (12)	84437 (12)	84437 (14)	84437 (16)
			Drill	#41	#42	#44	#42	#43	#42	#44	#42	#42	#42
		Propane	PN***	61652 (4)	61652 (5)	11830 (7)	61652 (7)	11830 (9)	61652 (9)	11830 (12)	61652 (12)	61652 (14)	61652 (16)
			Drill	1.45 mm	1.45 mm	#55	1.45 mm	#55	1.45 mm	#55	1.45 mm	1.45 mm	1.45 mm

*Refer also to [Table 12](#).
 **Used on units with option AG39 or AG40 or first furnace of model SSCBL with option AG41 or AG42.
 ***Quantity is one (1) unless otherwise indicated.

PILOT COMPONENTS

NOTE:

- A vertical spark pilot (see [Figure 11](#)) is available for series 6 models SC, SCA, SCB, and SCE and SSCBL.
- A horizontal spark pilot (see [Figure 12](#)) is available for models prior to series 6 for models SC, SCA, SCB, and SCE and SSCBL. Instructions follow (see [Figure 13](#)) for connecting the ignitor lead to model G60 or G67 ignition controllers using a terminal connector and a protective boot (items 4 and 5, refer to [Table 15](#)).

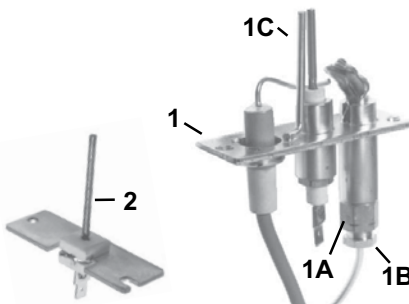


Figure 11. Vertical Spark Pilot (Refer to [Table 14](#))

Table 14. Vertical Spark Pilot Replacement Kit Components					
Replacement Kit PN		Item No.	Component	Description	PN
Natural Gas	Propane				
131457	131458	1	Pilot assembly	Natural gas, with orifice, pilot tubing, and flame probe (J/C J981HKW 9731-713), less flame sensor lead and fitting	125251
				Propane, with orifice, pilot tubing, and flame probe (J/C J981HKW 9715-413), less flame sensor lead and fitting	125671
		1A	Orifice	Natural gas, #9731-713 (brass)	93973
				Propane, #9715-413 (black)	126024
		1B	Tubing	Pilot, 1/8 OD x 18 inches long (J/C #B10499-995-11)	98698
		1C	Probe	Flame (J/C Y75AA-2)	126104
		3	Probe (not shown)	Flame, auxiliary, with bracket (J/C Y75 GB-1)	126101
4	Lead (not shown)	Flame sensor, 18-gauge x 14-inch, 150°C, quantity two (2)	125401		
5	Fitting (not shown)	Compression, FTG75, two (2) required when replacing pilot tubing	97572		