

REPLACEMENT PARTS: SEPARATED COMBUSTION FURNACES

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



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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

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	#42	
			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	1.45 mm	
		Propane	PN***	61652 (4)		61652 (5)		11830 (7)		61652 (7)		11830 (9)		61652 (9)	
			Drill	1.45 mm		1.45 mm		#55		1.45 mm		#55		1.45 mm	
			PN***	61652 (4)		61652 (5)		11830 (7)		61652 (7)		11830 (9)		61652 (9)	
			Drill	1.45 mm		1.45 mm		#55		1.45 mm		#55		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](#)).

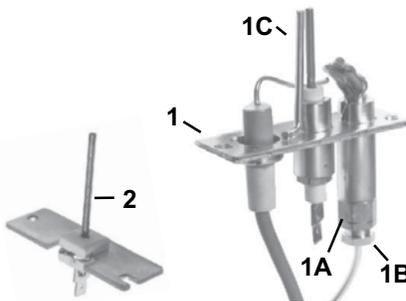


Figure 11. Vertical Spark Pilot (Refer to [Table 14](#))

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)	
		3	Probe (not shown)			Flame, auxiliary, with bracket (J/C Y75 GB-1)	
		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		