

**Electrical**  
**Power:** 120 vac, 60Hz, 1-Phase  
**Current:** Approximately 2.0 Amps  
**Limit Circuit Input:** 120 vac, 60 Hz  
**Motor:** 1/15 HP, 3450 RPM, 60 Hz  
**Motor Frame:** 48 Frame, "M" Flange  
**Fuel Valve Power:** 120 vac, 60 Hz

**Ignition**  
 Carlin Model 41800 Solid State Electronic Ignition  
 Ignition Voltage: 9,000 volts

**Orifice Selection**

Input Btuh	Orifice drill size		Air band	
	Natural gas	Propane gas	Slots	Approximate Setting (note)
50,000	#19 (.166)	#32 (.116)	1	0 %
75,000	#11 (.191)	#26 (.147)	1	5 %
100,000	#1 (.228)	#16 (.177)	1	20 %
125,000	D (.246)	#9 (.196)	1	30 %
150,000	J (.277)	7/32 (.219)	2	20 %
175,000	N (.302)	C (.242)	2	30 %
200,000	2 1/64 (.328)	1 7/64 (.266)	2	35 %
225,000	T (.358)	9/32 (.281)	2	45 %
250,000	X (.397)	5/16 (.312)	2	55 %
275,000	7/16 (.437)	R (.339)	2	75 %

Note: Air band setting is approximate only. Follow burner manual and appliance manual instructions to adjust burner using combustion test instruments.

**Agencies**  
 UL Listed: US & Canada - US per ANSI Z21.17, Canada per CSA 2.7

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