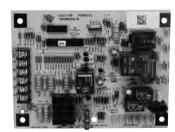
## AMANA

#### PCBBF112S

Board, Control



5-7/8" x 4-1/2"

# PCBBF132S Board, Control

5-7/8" x 5"





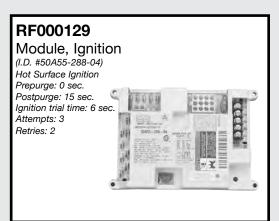
Igniter, Furnace

4-1/2" leads



Has a (2) male pin connection quick disconnect

#### C6411102 Module, Ignition (I.D. #50E47-170) (I.D. #50E47-843) Hot Surface Ignition 25VAC input voltage 6 different program keys w/ corresponding color coded timing labels Program key determines... trial for ignition,





Motor, Inducer

Volts - 115

RPM - 3000 AMP - 1.5

**Draft Blower** 

Includes: pipe collar, sealer, plug, (1) 2" pvc flue pipe elbow (2) speed nuts and (1) screw Has (1) .250" female terminal & (1) .187" female flag terminal on wire ends

#### **RSKP0009**

retries, prepurge and warm-up time

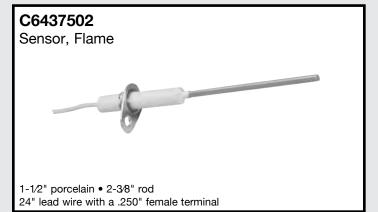
PTAC, Control Board Kit

This kit is designed for PTAC units that use 208/230V

board, control panel, transformer, wire enclosure, 4 thermistors w/ color coded leads, 14-pin and 18-pin female housings, 18 jumper wires, 18 wire

nuts, 2 screws, and 2 clips



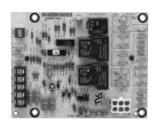




#### 40403003

Board, Fan Timer

(I.D. #ST9120A)



5-3/4" x 4-1/2'

#### 38691B001

Module, Ignition

Intermittent Ignition



Trial time: 90 sec.

Continuous retry, 100% shutoff IP

#### 44431001

Motor, Blower

Volts - 115 RPM - 3000 HP - 1/30 AMP - 1.4 Rotation - CWLE Single Phase



Has (2) .250" female terminals

#### R45037001

Motor, Blower

Volts - 115 RPM - 3400 HP - 1/30 AMP - 1.8 Rotation - CWLE Single Phase



Has a (2) female pin connection quick disconnect

#### 42640001

Sensor, Flame

(I.D. #Q3400A1016)



Includes a spring clip Has a (3) female pin connection quick disconnect

#### S36453B001

Sensor, Flame

Overall length is 3-1/4"



Has a .250" male terminal

#### 38492B001

Sensor, Flame



Has a 31" lead wire with a .187" female terminal end

#### 37520B001

Switch, Roll-Out

open @ 275°F manual reset



Has (2) .250" male terminals

#### 38491B001

Transformer Primary: 120 VAC

Secondary: 24 VAC 40 VA, 50/60 Hz



#### 70L53

Valve, Combo Gas Valve &

Regulator - 24V

(I.D. #SV9501H2409) (I.D. #SV9502H2704)

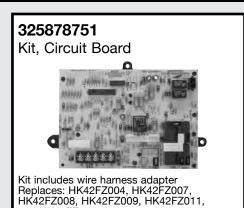
Intermittent Ignition, 1/2" x 1/2"

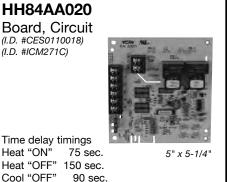
Ignition Trial Time: 90 sec.

Retry Delay: 5 min. Prepurge: 15 sec.
Pressure Reg. Setting: Nat. Gas - 3.2" Adj. W.C.



# HK42FZ034 Board, Circuit



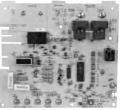


Cool "OFF" Operating Temp: -40° to 176°

CES0110057

Board. Circuit (I.D. #CES0110057-02)

8-1/2" x 7-1/2"

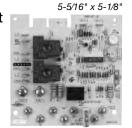


CES0110057-02 is a direct replacement for: CES0110057, CES0110057-01, CES0110048, CES0110020, and HH84AA016

**HH84AA021** Board, Circuit

(I.D. #CES0110019)

and HK42FZ016

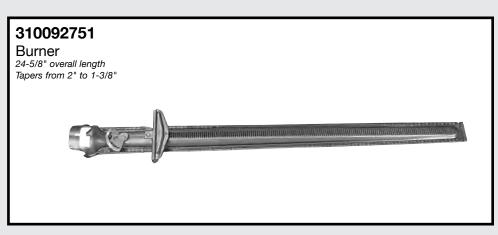


HH84AA021 is a direct replacement for: HH84AA001, HH84AA003, HH84AA005, HH84AA009, HH84AA014, HH84AA015 or CES0110019



Kit includes: board, (2) .250" & (2) .187" female flag quick connect terminals (2) .187" terminal tabs, red wire, snap bushing, wire ties and labels











### **CARRIER**







(2) male pin connection quick disconnect 5" extension wire with (2) male and (2) female pin connection quick disconnects



must buy the kit #332505751

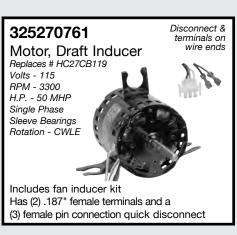




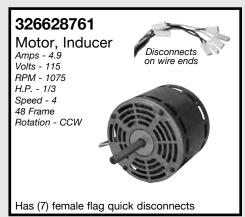




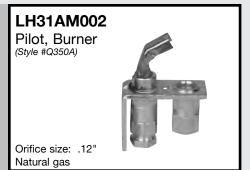






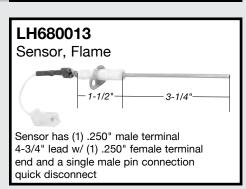


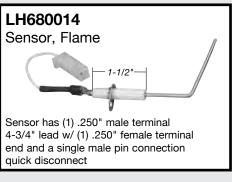
























HH12ZB160

HH12ZB170

HH12ZB180

HH12ZB190

Switch, Limit 3" insert

open @ 160°F - close @ 120°F

open @ 170°F - close @ 130°F

open @ 180°F - close @ 140°F

open @ 190°F - close @ 150°F



HH12ZB240 open @ 240°F - close @ 200°F

HH12ZB250 open @ 250°F - close @ 210°F









### **CARRIER**











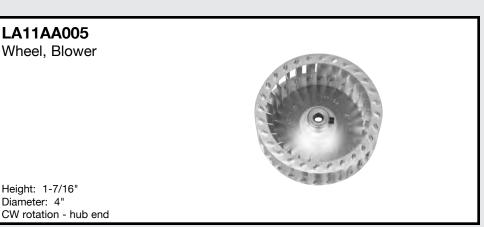












### ||||

#### 1170063

Control, Fan Timer (I.D #ST9120C5013) 5-13/16" X 4-1/2"



#### 1149501

Control, Fan & Limit

8" inse

Limit Stop: 170°F Fan On: 125°F Fan Off: 100°F



#### 1005651

Module, Ignition

(I.D #S8600M)
Ignition trial time: 90 sec.
IAP: 100% shut off

Prepurge: 0 sec. Retries: continuous



#### 1096048

Igniter, Hot Surface

5-1/4" lead wires



Includes mounting bracket. Has (2) male pin connection quick disconnect

#### 1148245

Igniter, Hot Surface

5" leads w/ stripped wire ends



Includes porcelain wire nuts

#### 1013833

Motor, Blower

Volts - 115 AMP - 1.6 RPM - 3000



Replaces # 1010975

#### 1011350

Motor, Blower

Volts - 115 Amps - 0.8 RPM - 3450



Has (3) .250" and (1) .187" female terminals

#### 1006168

Motor, Blower Kit

Volts - 115, 60Hz Amps - .9

RPM - 3300 Rotation - CCW HP - 1/60

Kit contains:

(1) blower assembly, (1) blower gasket,

(1) .250" and (1) .187" female flag terminals,

(2) flag terminal insulators, (1) tube of RTV sealant

#### 1010239

Motor, Combustion Air Blower

Volts - 115 Amps- 0.8 RPM - 2350



Lead ends have (2) male pin connections

#### 1164280

Motor, Inducer Blower

Volts - 115 AMP - 2.3 RPM - 3400 HP- 1/25



Has (2) .250" male terminal connections



Pilot, Burner (I.D. #Q3450C1045)



Has a (3) female pin connection quick disconnect attached to wire ends

#### 1149944

Pilot, Burner



"B" mounting "L" tip style

#### 1380687

Sensor, Flame 1-1/2" porcelain 2" rod



Has a .250 male terminal

#### 1009524

Assembly, Flame Sensor

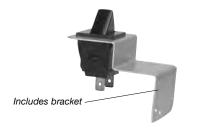
(I.D. #Q3400A1040)



Includes spring clip Has a (3) female pin connection quick disconnect attached to wire ends

#### 1010712

Switch, Interlock



Has (2) .250" male terminals

#### 607900

Switch, Interlock



Has (2) .250" male terminals

#### 34333002

Switch, Limit open @ 300°F



Has (2) .250" male terminals

#### 1013102

manual reset

Switch, Limit open @ 130°F



Has (2) .250" male terminals

#### 1174276

Switch, Pressure

(I.D. #IS20213-5216)



Has (2) .250" male terminals

#### 1170003

Transformer

(I.D. #4000Y01E07AE191) Primary: 120 VAC Secondary: 24 VAC 40 VA, 50/60 Hz



Has (4) 12" leads with .250" female terminals on one end and are stripped on the other ends

### 1170429

1170430 Has L.P. gas conversion kit

Valve, Gas & Regulator Combo (I.D. #SV9501M2718)

(I.D. #SV9501M2056) 24V, 1/2" x 1/2" Intermittent Ignition

Ignition trial time: 90 sec. Retry Delay: 5 min.



# **JANITROL**

#### PCBBF132S

Board, Control

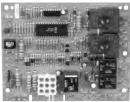
5-7/8" x 4-1/2"



#### 1809913S

Board, Circuit

5-13/16" x 4-1/2"



Includes: a (2) wire, 9 pin connector wire and (R, W & G) thermostat wires This is a direct replacement for: B18099-06, B18099-08, B18099-10

#### B1809904

Board, Blower Control

4-13/16" x 3-7/8"



#### PCBBF122S

Board, Control

5-7/8" x 5<sup>°</sup>



#### B945672

Capacitor

Volts - 370



#### B1370155

Control. Limit

open @ 120°F close @ 90°F



Has (2) .250" male terminals

#### B1497204

Cut-Off,

Thermal Energy (I.D. #TF144C)



Has (2) .250" male terminals

#### 0230K000001

Igniter, Mini Conversion Kit

### 20165703S Igniter Only

Manufacturer uses this to replace #B1401018S

5-1/4" leads with a (2) male pin connection quick disconnect

#### B1401018S



"FLAT" type ignitor with a (2) male pin connection quick disconnect

#### **B13921KIT**

Kit, Door Latch



#### 0131M00002S

Motor, Draft Inducer Volts - 115

RPM - 3000 H.P. - 1/50



#### B1859005

Motor, Draft

Inducer Blower Volts - 115, 60Hz RPM - 3000



Has (2) .250" male terminals

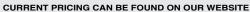
#### B1340021

Motor, Direct **Drive Blower** 

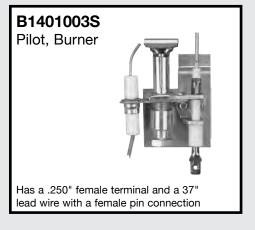
(G.E. #5KCP39FG) Volts - 115 RPM - 1050

Rotation - CCW H.P. - 1/3 Single Phase

Has (6) .250" female terminals



# **JANITROL**





























PARTS LIST MODELS: GUI, G ** 34 = LH Wheel,	un, gup, gupi	GUI0502	GUI0752	GU10753	GUI0754	GU10002	GUI1003	GUI1004	GUI1253	GUI1254	GUI1255	GUI1255A	GUI1505	GUN0402	GUN502B	GUN0603	GUN0753	GUN0753B	GUN1004	GUN1004B	GUN1255	GUN1255B	GUP0402	GUP0502A	GUPOGOS	GUP0753A	GI IDOSO4	GUP1004A	GUP1005	GUP1155	GI IP12054	GUPIO/53	GUPI0754	GUPI1004	GUPI1005	GUPI1205
DESCRIPTION	PART #	02	52	53	54	02	03	04	53	54	555	5A	505	02	2B	03	53	3B	04	4B	55	5B	02	2 A	03	3 4		4 A	05	2 2	אַ כּ	S	54	04	05	20.5
Air Pressure Switch	B13701-07													1	1	1	1	1	1	1	1	1									Τ					
Air Pressure Switch	B13701-26																						1	1	1	1 1		1	1	1 -	1 1	1	1	1	1	1
Blower Housing	14393-89	1	1																			T	1	1							T					
Blower Housing	14393-77			1						1			1									1			1	1				1	1	1				
Blower Housing	14393-91				1		1	1				ĺ	Î	1	1	1	1	1		Ì		T				1	ī	1			T		1	1		
Blower Housing	18393-04					1																														
Blower Housing	18393-00								1		1	1	Î						1	1	1	T							1	-					1	1
Blower Wheel	B13680-47A								1		1								1	1																
Blower Wheel	B13680-00											1																	1	1					1	1
Blower Wheel	B13680-34			1						1			1								1	1			1	1					1	1				
Blower Wheel	B13680-42	1	1										Ī										1	1					T	T	T					
Blower Wheel	B13680-16				1		1	1						1	1	1	1	1								-	1	1					1	1		
Blower Wheel	B13680-36					1																														
Blower Wheel **	B13680-34/46																					Ì								1	Ì					
Burner Assembly	B18225-00S	1												1	1							T	1	1			Ì				1					
Burner Assembly	B18225-01S		1	1	1											1	1	1							1	1						1	1			
Burner Assembly	B18225-07S	Γ	Γ			1	1	1					T						1	1		T	T	T	T	-	ī	1	T	T	T	T	Т	1	1	
Burner Assembly	B18225-08S								1	1	1	1									1	1							1	-	1					1
Burner Assembly	B18225-09S	Γ	Г						П				1									T	T	T	T		T			1	T	Т	Т	Г		
Capacitor	B9456-52	1	1		1			1		1	1		1			1	1	1	1	1			1	1		-	1	1					1	1		
Capacitor	B9456-72	Γ	Г	1		1	1		1			1		1	1							T	Т	Т	1	1	T		1	٦.	1 1	1	Т	Г	1	1
Capacitor	B9456-50																				1	1														
Capacitor	B9456-53	Γ										T	П								T	T	T	Т	T		T			1	Т	Т	Т	Г		
Door Switch	B13708-19	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1		1		1	1	1	1 .	1 -	1	1	1	1 -	1 1	1	1	1	1	1
Door Switch	B13708-20	İ											T			1			1		1	T	T	T	T		Ť		T	T	T	T	T	T	Г	Г
Energy Cut Off	B14972-04	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1 -	1	1	1	1 -	1		T			
Fan Limit Switch	B13701-21	1	1									T	1			1	1		1		T	T	1	1	T	T	T		T	1	T	T	Т	Т	Г	Г
Fan Limit Switch	B13701-18			1	1	1								1							1	1		Ì					1		1					
Fan Limit Switch	B13701-20	Г					1	1	1	1	1	1	T									T	Т	T	1	1 -	1	1	T	T	T	T	Т	Г	Г	Г
Fan Limit Switch	B13700-03														1																					
Fan Limit Switch	B13700-08																	1		1		T			T		T	T	T	T	T	1				
Fan Limit Switch	B13709-06																					1									1		1			1
Fan Limit Switch	B13700-12																											1	1		T			1		f
Fan Limit Switch	B13709-12																																		1	
Gas Valve	B12826-06 (NLA)	1		1		1	1		1		1		1									1						1	1		1	1	1	1	1	1
Gas Valve	B12826-06/07		1		1			1		1		1		1	1	1	1	1	1	1	1	1	1	1	1 -	1 1		1	1	1 -	+		t			
Ignition Module	B13707-24	1	1	1	1	1	1	1	1		1	$\dashv$	1	_	1	1	1		1	-	_	+	-	_	+	1 1	+	+	+	+	1 1	1	1	1	1	1
Load Center	B11417-02	1	1	1	1	1	1	1	1	1	1	1	_		1	1	1		1			+		+	+	1 -	+	+	+	+	1					
Load Center	B11416-05	Ė																				1					1	1	1		1	1	1	1	1	1
Manifold	B18264-00	1																				+	1	1			+		+		1	+		Ė	Ė	Ė



PARTS LIST I MODELS: GUI, GU		GUI0502	GUI0752	GUI0753	GUI0754	GU10002	GUI1003	GUI1004	GUI1253	GUI1254	GUI1255	GUI1255A	GUI1505	GUN0402	GUN502B	GUN0603	GUN0753	GUN0753B	GUN1004	GUN1004B	GUN1255	GUN1255B	GUP0402	GUP0502A	GUP0603	GUP0753A	GUP0804	GUP1004A	GUP1005	GUP1155	GUP1205A	GUP10503	GUP10753	GUP10754	GUPI1004	GUPI1005	GUPI1205
DESCRIPTION	PART #	2	52	53	54	25	03	04	53	54	55	5A	05	02	2B	03	53	38	04	B B	55	5B	8	2A	03	ЗА	04	Å	05	55	5A	03	53	54	4	05	05
Manifold	B18264-01		1	1	1									1											1	1								1	Ш	L	
Manifold	B18264-02					1	1	1								1	1										1	1							1	1	
Manifold	B18264-03	L							1	1	1	1							1										1		1				Ш	L	1
Manifold	B18264-04	L											1								1									1							
Manifold	B18264-16														1																						
Manifold	B18264-17																	1																			
Manifold	B18264-18																			1																	
Manifold	B18264-19																					1															
Motor	B13400-20	1	1		1			1			1					1	1	1	1	1			1	1			1	1						1	1		
Motor	B13400-21			1		1	1		1					1	1										1	1						1	1				
Motor	B13400-22									1			1								1	1								1							
Motor	B13400-23S											1																1		1						1	1
Motor Mount Band	B13768-51	Γ								1		1	1								1	1								1					П		1
Motor Mount Arm	B13768-60(3)										1																			1							
Motor Mount Arm	B13768-59(3)	Γ										1									1	1								1				П	П		1
PC Board	B18099-04																	1		1		1										1	1	1	1	1	1
Pilot Assembly	B14010-03S	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Sequencer	B12565-51														1	1		1		1		1															
Stack Switch	B13701-09	Γ													1	1	1	1	1	1	1	1												П	П		
Vent Limit Switch	B13701-06	1		1	1																																
Vent Limit Switch	B13701-10	T	1						1	1																											
Vent Limit Switch	B13701-08	T				1	1	1					1	1	1	1	1	1	1	1	1	1															
Vent Motor	B18590-01S	Γ												1	1	1	1	1	1	1	1	1												П	П		
Vent Motor	B18590-00																						1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Vent Motor Relay	B13707-51	Г																					1	1	1	1	1	1	1	1	1			П	П		
Heat Exchanger	18212-07S	1																					1	1								1					
Heat Exchanger	18212-08S	Г	1	1																					1	1							1	П	П		
Heat Exchanger	18212-02S				1																													1			
Heat Exchanger	18212-10S	Г	Г			1	1	1																			1	1							1		
Heat Exchanger	18212-11S								1	1	1	1																	1		1						1
Heat Exchanger	18212-13S												1																	1		Г					Г
Heat Exchanger	18212-24S													1																							
Heat Exchanger	18212-28S	T										Г		Г	1												П			Г	Г						Г
Heat Exchanger	18212-25S															1	1																				
Heat Exchanger	18212-29S	Π																1																	П		Г
Heat Exchanger	18212-26S																		1																		
Heat Exchanger	18212-30S	Г																		1															П		
Heat Exchanger	18212-27S																				1																
Heat Exchanger	18212-31S	П																				1															Г
Heat Exchanger	18212-37S																																			1	



PARTS LIST E		GMN0603	GMN0804	GMN1004	GMN1205	GMP0503	GMP0753	GMP0754	GMP1003	GMP1004	GMP1005	GMP1254	GMP1255	GMP1505	GMPN0403	GMPN0603	GMPN0804	GMPN1004	GMPN1205	GMPV075	GMPV100	GMPV125	GPD0503	GPD0753	GPD1004	GPD1254	GUE0402	GUE0403	GUE0603	GUE0804	GUE1005	GUE1205	GSU0603	GSU0804	000
DESCRIPTION	PART #	ä	2	2	9		ස්	42					-	S.	8	ä	9	9	9	75	$\overline{}$	25		8	$\overline{}$	-	Ŕ	8	<u>ا</u> ق	<u>ĝ</u>	ାଞ୍ଚ	8	۱ä	<u> </u>	Ļ
Air Pressure Switch	B13701-26		Ш			1			1	1	1	1	1						_		1	1	1		1	1			╙				L	L	Ļ
Air Pressure Switch	B13701-33						1	1												1				1					╙				╙	1	L
Air Pressure Switch	B13701-42	L						_		_				1										_	_		_		┺	L			L	L	Ļ
Air Pressure Switch	B13701-48	1													1	1											_		_				╙	_	
Air Pressure Switch	B13701-50	┖	1	1	1												1	1	1					_	_		_		┺				L	┺	Ļ
Air Pressure Switch	B13701-56																																1		
Air Pressure Switch	B13701-57	L	Ш					┖		L											_			_			L		L				1	1	ŀ
Air Pressure Switch	B13701-58																																1		
Air Pressure Switch	B13701-59	L																									L		L				L	1	ŀ
Air Pressure Switch	B13701-60																																		ŀ
Auxiliary Limit Switch	B13701-11	1	1	1	1																												L		
Auxiliary Limit Switch	B13701-55					1	1	1	1	1	1	1	1	1						1	1	1	1	1	1	1									Γ
Blower Housing	14393-89																										1						П		Γ
Blower Housing	14393-77																							Ì				1	1			1			T
Blower Housing	14393-91	Г	П						T					П		$\Box$						╗		一			Г		П	1	Т		П	Т	Т
Blower Housing	18393-01	1																												Ė		1			T
Blower Housing	18393-00	Ė																													1	Ė			f
Blower Housing	25393-00		1			1	1							1	1	1			1				1	1							Ė		1		t
Blower Housing	25393-00		Н	1		H	-	1	1	1			H	1	1		1		1	1			-	1	1		Н						H	1	f
Blower Housing	25393-01		Н	Ė				H	Ľ	H	4		4	H			_			1	1	1			-									H	H
-	25393-02		Н		4						1	1	1	Н				1			1	1				4									F
Blower Housing					1							1						1	_			4				1			<u> </u>				1		+
Blower Wheel	B13680-34S	1	H		1	1	1		F					1	1	1			1		-		1	1	H		H	1	1	H		1	1	H	F
Blower Wheel	B13680-16		1					1	1	1							1			1					1		L			1				1	Ļ
Blower Wheel	B13680-00										1		1								1	1									1				Ĺ
Blower Wheel	B13680-47A	L	Ш	1		L						1						1								1	L		$\perp$				$\perp$	$\perp$	Ľ
Blower Wheel	B13680-46				1									1					1													1			
Blower Wheel	B13680-42																										1						L		L
Blower Relay	B13707-52																										1	1	1	1	1	1			
Burner Assembly	B18225-00S																										1	1							Γ
Burner Assembly	B18225-01S																				ĺ								1						Γ
Burner Assembly	B18225-07S	Г																											П	1			Г	П	Γ
Burner Assembly	B18225-08S																														1				t
Burner Assembly	B18225-09S	П	П						T												T			T			T		Т		Т	1	T	T	T
Burner (Inshot) Assembly	25227-03S	3	4	5	6	2	3	3	4	4	4	5	5	6	2	3	4	5	6	3	4	5	2	3	4	6						Ė	3	4	
Capacitor	B9456-72	1	Ė	_		1	1	-	1		1		1		1	1	•			-				-	_			1	1		1		1	Ť	Г
Capacitor	B9456-52	Ė	1	1		Ė	Ė	1	Ė	1	Ė	1	Ė		Ė		1	1					1	1	1	1	1	Ė	Ė	1	Ė		Ė	1	
Capacitor	B9456-53		Ľ		1			١.		١.		Ľ		1			•	-	1		_		- 1	-		•	l ·			<u>'</u>		1		†	t
Chimney	B25235-00	Н			Ė	1	4	1	1	1	4	1	4	1					_	1	4	1	1	1	1	1			H			Ľ	Н	$\vdash$	H
Door Switch	B13708-20	Н	Н			1	1	1	1	1	1	1	1		_	_	_	_	_	1	1	1		1	1	-	_		$\vdash$				-	+	ŧ.
						1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					_						1	1	ľ
Door Switch	B13708-19		Н																		-						1	1	1	1	1	1	⊢	₩	H
Door Switch	B13708-19	1	1	1	1																		1	1	1	1	L		_				$\vdash$	$\vdash$	L
Energy Cut Off	B14972-04																										1	1	1	1	1	1			L
Fan Limit Switch	B13701-21		Ш																								1	1	$\vdash$			1	$\vdash$	$\vdash$	L
Fan Limit Switch	B13701-20																													1	1				
Fan Limit Switch	B13701-18	$\vdash$	Ш									Ш								Ш			Ш				L		1				$\perp$	$\perp$	L
Flame Sensor	0130F00010	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	Ĺ						1	1	
Gas Valve	B12826-06 (NLA)	L	ĹŢ		LĪ	L	L	L	Ĺ	L	L	LĪ		Ĺ		╚	[	T		╚	T	_]	╚	_1	_1		Ĺ	1	L	1	$L^{T}$	1	$L^{-}$	$L^{-}$	ľ
Gas Valve	B12826-07																												1		1				
Gas Valve	B12826-28					1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1									Γ
Gas Valve	B12826-28	1	1	1	1										1																		1	1	T
HSI Ignitor Assembly	B1401018S	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	Г		П		П		1	1	Ť
HSI Module Board	18099-10	1	1	1	1			t																											t
HSI Module Board	18099-12	Ė	П	Ė																													1	1	t
HSI Module Board	18099-13S					1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1							Ė	Ė	t
Ignition Module	B13707-24							T .		Ė	Ė				1									-	-		1	1	1	1	1	1			f
Load Center Transformer	B13707-24 B11417-02		Н																								1	1	1	_	1	1			+
						-		H	F		F			H	_							۲					-		-						f
Heat Exchanger	25213-00S					1									1								1				H			H		L	$\vdash$		+
Heat Exchanger	25213-01S						1		F															1						F		F			Ŧ
Heat Exchanger	25213-05S		Ш					1												1							L		$\vdash$				$\vdash$	$\vdash$	ļ
Heat Exchanger	25213-02S								1	1															1										1
Heat Exchanger	25213-06S										1										1												L		L
Heat Exchanger	25213-03S	L										1	1									1				1									
	2513-04S	_											_	1					$\neg$			$\neg$		$\neg$									_		_



PARTS LIST B GMN, GPD, GMP, GUE, G	MPN, GSU, GMPV	GMN0603	GMN0804	GMN1004	GMN1205	GMP0503	GMP0753	GMP0754	GMP1003	GMP1004	GMP1005	GMP1254	GMP1255	GMP1505	GMPN0403	GMPN0603	GMPN0804	GMPN1004	CIVIDALISONS	GMPV100	GMPV125	GPD0503	GPD0753	GPD1004	GPD1254	GUE0402	GUE0403	GUE0603	GUE0804	GUE1005	GUE1205	GSU0603	GSU0804
	PART #	_	4	4	5	3	3	4	3	4	5	4	5	5	ω	$\neg$	4	4	7 (	лО	5	3	ω	4	4	2	ω	ω	4	5	5	-	4
Heat Exchanger	28213-00S	1												4	_	1	_		+	_									$\blacksquare$		ш	1	L
Heat Exchanger	28213-01S	ļ_	1											_	_		1		╀									Ш					1
Heat Exchanger	28213-02S			1														1	$\perp$										$\Box$			L	
Heat Exchanger	28213-03S				1													-   -	Т														
Heat Exchanger	18212-07S									Ì									Т			П				1	1		П		П		
Heat Exchanger	18212-08S	T																	$\top$									1			П		
Heat Exchanger	18212-10S	t										$\neg$		┪	_	_	7		т			Н							1		Н	г	$\vdash$
-	18212-11S														$\dashv$				+			Н							H	4	Н	Н	H
Heat Exchanger		₩							Н		_	-		-	-	-	-		+									$\blacksquare$		1			⊢
Heat Exchanger	18212-13S	_												_					┸	$\perp$		Ш							$\square$		1	Ш	L
Limit Switch	B13709-12S					1							1						┸		1												
Limit Switch	13709-08S						1												1										ıl				
Limit Switch	13709-11S							1											1														
Limit Switch	13709-03S	T	Т								1	$\neg$		$\neg$	ヿ		┪		т	1		П							П		П	Г	т
Limit Switch	13709-02S											1			1				+	Ť											H		1
		+										1			1		-		+														1
Limit Switch	13709-14S	_												1					┸	$\perp$		Ш			1			Ш	$\square$		Ш	ш	_
Limit Switch	B13709-13S	1	1													1																1	
Limit Switch	B13709-10S	1		1	1	L	L	L	Ll	_		_		_	_	_	_	1 '	⅃		L	L	_			Ll		LΙ	L I	L '	L	Ĺ	1
Limit Switch	13709-05S								1	1	$\Box$						1		T	T													
Manifold	B18264-00															$\neg$			Т	Т						1	1	П			П		П
Manifold	B18264-01	1																	+							H		1			Н		
		H													-	-	-	+	+			Н				Н		H	٦		P		F
Manifold	B18264-02	$\vdash$	1								_			_		_	_		$\perp$	$\perp$		Н						Ш	1		$\sqcup$	$\vdash$	L
Manifold	B18264-03			1	1																									1	1		
Manifold	B18264-04	L			1									]				┙	$\perp$	$\perp$	L	L						╚		L'	$\sqcup$	L	L
Manifold	B25260-00					1									1				Т			1											
Manifold	B25260-01	1	П				1	1				ヿ		コ	コ	1	ヿ		1			П	1			П		П	П		П	Г	Г
Manifold	B25260-02	H	1				Ė	Ė	1	1	1					÷	1		+	1				1							Н		Н
		₩	<u> </u>						-	- '	_	_	_	$\dashv$	$\dashv$	-	-	_	+	+ '		Н		-	1						H	Н	₩
Manifold	B25260-03	$\vdash$		1								1	1	_	_			1	+	_	1	Ш			1				$\square$		Ш		┺
Manifold	B25260-04				1									1					┸														
Manifold	B28260-00																															1	
Manifold	B28260-01																		Т														1
Manifold	B28260-02	T									T	一			コ	$\neg$	ヿ		┰									П	П		П		П
Motor	B13400-21	1				1	1		1						1	1			+			1	1				1	1			H	1	
Motor	B13400-20	<del>l</del> '		_		Ė	•	_	-		_			$\dashv$	-	-	_	4	╫			H	-	_	_		'				Н	Ė	
		$\vdash$	1	1				1		1		1		$\dashv$	$\dashv$		1	1	+	+		Н		1	1	1			1		ш	Н	1
Motor	B13400-23S	₩									1		1	_	4		_		4											1	ш		
Motor	B13400-22				1									1			_	-	┸	$\perp$									Ш		1	L	
Motor	13400-602BS																		1														
Motor	13400-603BS	Т								T		T		一	T		ヿ		Т	1	1								П		П		Г
Motor Mount Band	B13768-51	t			1						1		1	1				-	1	1	1									1	1	Г	Н
Motor Mount Arm	B13768-60	+			_				Н		-	$\dashv$	-		$\dashv$	-	-	_	т	+	i i							$\Box$	$\blacksquare$		H		Н
		$\vdash$												-					+											3	ш		⊢
Motor Mount Arm	B13768-59				3									3			4		_									Ш			3		
Motor Mount Arm	B13768-53																		_ 3	3		Ш						Ш			$\Box$	$\Box$	
Motor Mount Arm	B13768-57										3		3			Ī	I			3	3												
Orifice #42	B25893-42						3	3	4	4	4	5	5	6	$\neg$	$\neg$	$\neg$		3	3 4	5		3	4	6			П	$\neg$		П	Г	Г
Orifice #43	B25893-43	t				2	Ė	ŕ	Ħ										Ť	Ė	Ė	2			Ė						П		Т
Orifice #45	B25893-45	2	1	E							-						1					H									П	^	4
		3	4	5	6										2	3	4	5 6	+	+											H	3	4
Pilot Assembly	B14010-03S																	4								1	1	1	1	1	1		
Roll Out Switch 300°	B13701-44	2	2	2	2				Ш										┸	$\perp$		Ш				Ш		Ш	Ш	L	Ш	L	
Roll Out Switch 350°	B13701-54					1	1	1	1	1	1	1	1	1	1	1	1	1 -	1	1	1	1	1	1	1							1	1
Secondary Coil	28646-04	1			1							$\Box$				1	$\neg$		Т	T								$\Box$	$\sqcap$		П	1	Г
Secondary Coil	28646-05		1														1																1
Secondary Coil	28646-06	t							Н									1				Н				Н		Н			П	г	Ë
		$\vdash$														-	-	1	+	+		Н									$\vdash$	$\vdash$	$\vdash$
Secondary Coil	28646-07	F		1											4			1	$\perp$	+		H											
Stack Over Temp Switch	B13701-46	1	1	1	1														┸	$\perp$		Ш				Ш		Ш		_	$\sqcup$	L	L
Stack Over Temp Switch	B13702-53															1	1	1 -														1	1
Variable Speed LV Board	B13682-60										$\neg$					$\neg$	$\Box$		1	1	1								$\sqcap$		П	Г	Г
Vent Blower Assembly	B18590-05	t				1	1	1	1	1	1	1	1	1					1	_	1	1	1	1	1						П		H
•		-	-				-			1	-1	-	-	'		-	1	1	_	T		Н	-	1	1	Н		Н					
Vent Blower Assembly	B28330-01S	1	1	1	1										1	1	1	1 .	$\perp$	$\perp$		Н									$\vdash$		H
Vent Blower Assembly	B28330-02S																															1	1
Vent Limit Switch	B13701-06	L							$\Box$										$\perp$	$\perp$	$\perp$	$\Box$				Ш		Ш		L.	1	L	L
Vent Limit Switch	B13701-10																Ţ												1				
		1	т																T			П							$\neg$	1	П		Г
Vent Limit Switch	B13701-08																																
Vent Limit Switch Vent Limit Switch	B13701-08 B13701-02																		+								1			Ė			T

### LENNOX

**EW HEATING PARTS** 

#### 83M00

Board, Control Kit

7-9/16" x 5-3/4"

Includes ignition control adapter plate, ignition cable, (2) wiring harnesses, switch, (4) plastic hole plugs and wiring schematic stickers



#### 17W82

Board, Ignition Control

6-1/4" x 5-15/16"

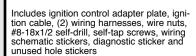


Includes a 6" continuous fan jumper wire with a .250" female terminal & a .250" female/male piggy back terminal end

#### 19W94

Board, Ignition Control

6-3/16" x 5-15/16"

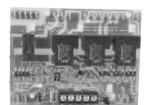




#### 48K98

Center, Control

5-5/8" x 4-3/16"



Includes blue wire with .187" female terminal and wire nut

#### 13H70

7" insert (FALTS57E-25T-110-200)

#### 13H72

7" insert (FALTS57C-05T-110-120A)

Control, Fan & Limit



#### 15P37

Control, Fan & Limit

5" insert Limit Stop: 200°F Fan On: 120°F Fan Off: 90°F



#### 30W33

Control, Ignition Conversion Kit

Trial time: 90 sec. Prepurge: 30 sec. Continuous retry

Kit includes: ignition control, flame sensor, wires, wire nuts, insulated 1/4" quick connect, control bracket, (4) #8 16 x 1/2" screws, wiring diagram & diagnostic code label



#### 41K56

Igniter, Hot Surface



Has a (2) female pin connection quick disconnect

#### 97H0401

Module, Replacement Ignition

(I.D. #SP745-NU-3-60-5) Lockout Model

(3) 60 sec. tries for ignition with 5 min. between tries Goes into lockout after 3rd ignition try



#### 26G42

#### Motor

(I.D. #7121-6112) Volts - 115 RPM - 3200 Amp - 1.5 H.P. - 1/30 Shaft - 2"



Has (1) .250" female terminal and (1) stripped wire end

#### 68K21

Motor, Blower Assembly

#### 67K04 **₫**

Motor, Blower (only)

Volts - 115 Amps - 1.8 RPM - 3400



2 wires with a (2) female pin connection quick disconnect Includes orifices, blower gasket and screws

#### 67M69

#### Motor, Blower

Volts - 115 Amps - 1.5 H.P. - 1/30 RPM - 3200



Has (1) .250" female terminal and (1) stripped wire end

#### 51H74

Motor, Damper Door



Has (2) 7-1/2" leads w/ female pin connectors

#### 60L21

#### Motor, Direct Drive Blower

Volts - 115 Amp - 5.1 RPM - 1075 H.P. - 1/3

Shaft - .5 x 4 4 Speed Rotation - CCW Frame - 48Y

Single phase, sleeve bearing



#### 60L22

#### Motor, Direct Drive Blower

Volts - 115 RPM - 1075 H.P. - 1/2 Shaft - .5 x 3.25 5 Speed Rotation - CCW

Frame - 48Y Single phase, sleeve bearing

Has (8) .250" female terminals



#### 89C37

#### Motor, Direct Drive Blower

(I.D. #P89662) Volts - 115 RPM - 1050 Amps- 7.60 Rotation - CW H.P. - 1/5 Single Phase



Includes: bracket adapter kit Has (4) .250" female terminals

#### 67M68

#### Motor, Draft Inducer

(Model LB-55074AA) Volts - 115 Amps - 1.5

H.P. - 1/30 RPM - 3200



Has (1) .250" female terminal and (1) stripped wire end

#### 24W95

Motor, Inducer

Volts - 115 RPM - 3000



Amps - 1.75



2 wires with quick disconnect

and .250" male terminals

#### 80C93

#### Motor, Purge

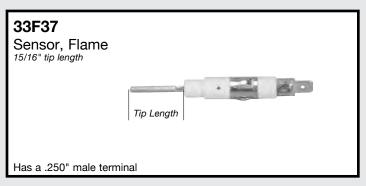
CCW Rotation Volts - 120 RPM - 3000

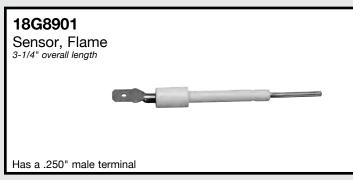


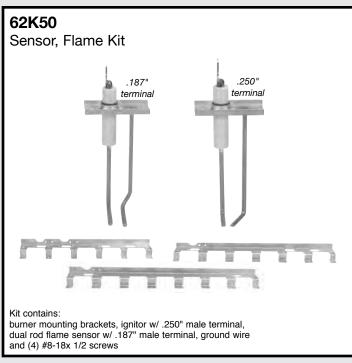
Has (2) .250" male terminals



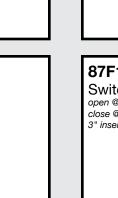




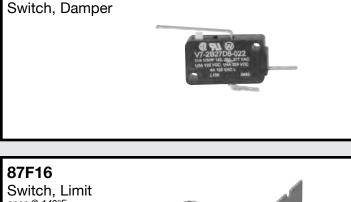


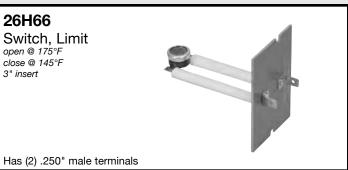






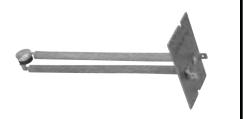
26H61





#### 49L03

Switch, Limit open @ 200°F close @ 170°F 7" insert



Has (2) .250" male terminals

#### 20J83

Switch, Limit open @ 165°F



Has (2) .250" male terminals

#### **33J89**

Switch, Pressure (I.D. #FS6746-1657)



Has (2) .250" male terminals

#### 26H78

Switch, Roll-Out

open @ 260°F Manual reset



Has (2) .250" male terminals

#### 38631

#### Transformer

Primary: 120 Volt Secondary: 24 Volt Capacity: 30 VA



#### 78H55

Transformer

Primary: 120 Volt Secondary: 24 Volt Capacity: 30 VA



Has (2) .250" & (2) .187" male terminals

#### 85A66

Valve & Regulator, Dual Combination Gas

24V 1/2" x 3/4"



#### 41K35

Valve & Regulator, Dual Combination Gas (I.D. #VR8204H1048)

(I.D. #VR8204H1048) 24V

1/2" x 1/2"



#### 70L53

Valve & Regulator, Dual Combination Gas

(I.D. #SV9501H2409) (I.D. #SV9502H2704) 24V

1/2" x 1/2"

Intermittent Ignition Ignition Trial Time: 90 sec. Pressure Reg. Setting:

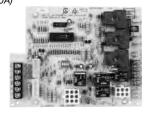
Nat. Gas - 3.2" Adj. W.C. Retry Delay: 5 min. Prepurge: 15 sec.



#### 622408482

Board, Control (I.D. #1012-920A)

7-5/8" x 5-3/4"



This is a direct replacement for: 62-22694-01, 02, 03, 11, 12, 82, 83, 91 62-22737-06, 07, 08, 10, 87, 88 62-24044-01, 81, 91 62-24045-01, 62-24046-01 62-24084-01, 02, 71, 91, 92

Furnace units built before the 32nd week of 1994 (3294) may require ordering flame sensor kit #622404471.

#### 472244501

#### Board, Fan Control

On 30, 60, 105 sec. Off 90, 120, 150 sec. 24/120V ESX 695-211



#### 472282783

Board, Control

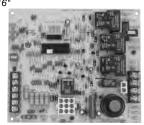
5-1/4" x 4-1/2"



#### 622414004

Board, Ignition Control

(I.D. #1028-928A) 5-3/4" x 6-11/16"



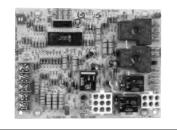
Replaces #62-24140-02

#### 622426801

Board, Ignition Control

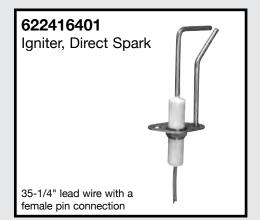
24/120V

Prepurge: 5 sec. UTEC 1012-925





Has a (2) male pin connection quick disconnect



### 622257801

Module, Ignition



Hot surface



#### 512301241

#### Motor, Blower

Volts - 115
Amps - 7.30
HP - 1/2
RPM - 1075

RPM - 1075
Rotation - reversible
4 speed, 5" shaft

All ends have .250" female flag terminals

#### 702415703

Motor, Draft Inducer Blower Assembly

Volts - 120, 60Hz Amps- 1.71 1/20- HP

RPM- 3400



Used on standing pilot models

#### 422510406

Relay



Has (5) .250" male terminals





Kit contains:

Inshot burner bracket, ribbon burner bracket, threaded U-bolt, (3) sheet metal screws, (2) wing nuts, (2) lock washers, remote sensor, wire splice, remote sensor wire, wire strain relief, (2) orange wires, (4) plastic ties, Sensor Connection label, "Notice" label



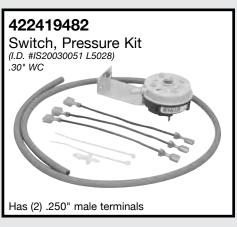


















#### CNT5165

Control, Integrated Fan (I.D. #50A65-476-08) 4-3/8" x 5-7/8"



### **FUS0620** Fuse, Thermal (I.D. #TF167C) Has (2) .250" male terminals

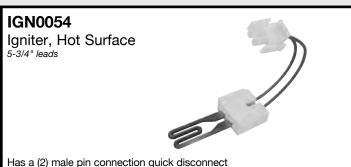




Igniter, Hot Surface 5-1/2" leads



Has a (2) male pin connection quick disconnect

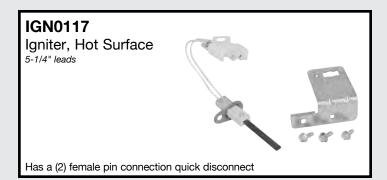


#### IGN00023

Igniter, Hot Surface 5-1/2" leads



Has a (2) male pin connection guick disconnect



#### PLT3400

Igniter, Hot Surface

12" leads



Lochinvar ignitor Has .250" male insulated terminals

### **CNT1316**

Module, Ignition (I.D. #50E47-60)

(I.D. #50E47-843) Hot Surface Ignition



6 different program keys w/ corresponding color coded timing labels Program key determines... trial for ignition, retries, prepurge and warm-up time

#### **CNT3797**

Module, Fan Control

(I.D. #50A55-480) (I.D. #50A55-486) Retries: 2 Attempts: 3 Ignition trial time: 4 sec.



Cir. blower on delay: heat 45 sec., cool 2 sec.





















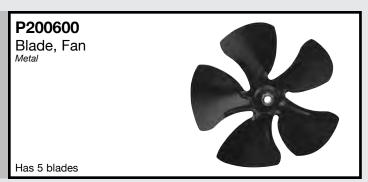


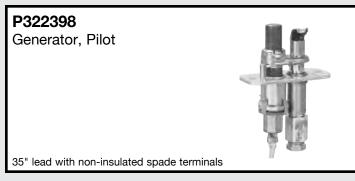




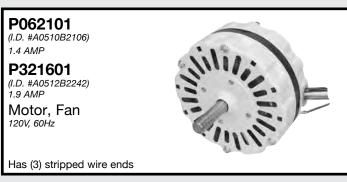


## WILLIAMS

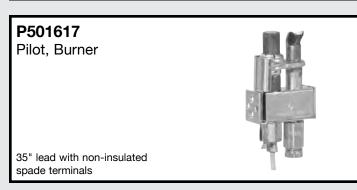




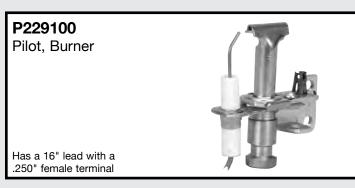




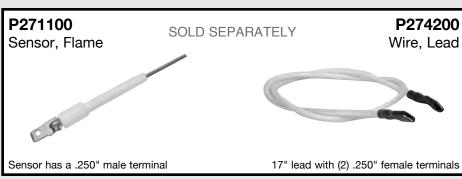












#### P200200

Switch, Fan open @ 120°F - close @ 105°F



Has (2) .250" male terminals

#### P321127

Switch. Limit open @ 330°F

close @ 270°F



Has (2) .250" male terminals

#### P206500

Switch, Limit open @ 240°F close @ 200°F



Has (2) .250" male terminals

#### P296201

open @ 165°F - close @ 130°F

#### P213400

open @ 160°F - close @ 130°F

Switch, Limit



Has (3) .250" male terminals

#### P322391

Thermocouple



Junction block type Has (2) .250" male terminals

#### P024200

Transformer

Primary: 120 Volt Secondary: 24 Volt Capacity: 20 VA



#### 710205

Valve, Combination Gas

SNAP-ACTION HYDRAULIC (70,000 BTU) Factory Model #7000 SRLC

1/2" x 1/2"



The 710 low capacity gas heating valves are designed for recreational vehicles and other low capacity heating applications.

All models include a manual valve (gas cock), automatic pilot safety valve, pilot outlet, pilot gas filter and pilot adjusting key

#### P323209

Valve, Dual Combination Gas

(I.D. #VR8200C2221)

1/2" x 1/2"



#### P323011

Valve, Wall Furnace Gas

Millivolt

1/2" x 3/8"





Replaces: 33102956000, 03109167000, 03101933000, 03101267000, 03101267001, 03100662000, 0310125000, 03101266000, 03101284000,

03101973000, 03101972000, 33109167000

# 02532625000 Igniter, Hot Surface 5-3/4" leads Has a (2) male pin connection quick disconnect



#### YORK MODEL TO YORK IGNITOR NUMBER CROSS REFERENCE

UNIT MODEL	IGNITION TYPE	REPLACEMENT
G8C****OD	HOT SURFACE	025-32625-000
P1CC	HOT SURFACE	473-20937-001
P1CD	HOT SURFACE	473-20937-001
.P1CK	HOT SURFACE	025-32625-000 & BURNER SHIELD KIT
P1CX	HOT SURFACE	025-32625-000
P1DU	HOT SURFACE	025-32625-000
P1NU	ALL UNITS ON RECALL	-
P1UC	HOT SURFACE	473-20937-001
P1UD	HOT SURFACE	473-20937-001
P1UK	HOT SURFACE	025-32625-000 & BURNER SHIELD KIT
P1XU	HOT SURFACE	025-32625-000
P2CD	HOT SURFACE	473-20937-001
P2CH	HOT SURFACE	025-32625-000
P2DP	HOT SURFACE	025-32625-000 & BURNER SHIELD KIT
P2DR	HOT SURFACE	025-32625-000
P2MP	HOT SURFACE	025-32625-000 & BURNER SHIELD KIT
P2UC	HOT SURFACE	473-20937-001
P2UD	HOT SURFACE	473-20937-001
P2UH	HOT SURFACE	025-32625-000
P2UR	HOT SURFACE	473-20937-001
P3CC	HOT SURFACE	473-20937-001
P3DH	HOT SURFACE	025-32625-000
P3DN	HOT SURFACE	025-32625-000
P3GE	HOT SURFACE	025-32625-000
P3HU	HOT SURFACE	025-32625-000
P3UC	HOT SURFACE	473-20937-001
P3UR	HOT SURFACE	025-32625-000
P6UC	HOT SURFACE	473-20937-001
P9CC	HOT SURFACE	473-20937-001
P9CK	HOT SURFACE	025-32625-000 & Burner Shield Kit
P9MP	HOT SURFACE	025-32625-000 & Burner Shield Kit
P9UC	HOT SURFACE	473-20937-001
P9UD	HOT SURFACE	473-20937-001
P-WH (230V)	HOT SURFACE	024-26098-000

BURNER SH	IELD PART #
2 Cell - 373-12221-802	5 Cell - 373-12221-805
3 Cell - 373-12221-803	6 Cell - 373-12221-806
4 Cell - 373-12221-804	7 Cell - 373-12221-807

#### 47320937001

Igniter, Hot Surface Kit





7-3/4" leads with a (2) male pin connection quick disconnect. Kit includes: brackets, additional disconnect, screws and wire nuts (not shown)

#### 03101266000

Module, Fan Control

(I.D. #50A50-241)

Ignition trial time: 7 sec.; IAP: 4 sec. Prepurge: 0 sec. Postpurge: 15 sec. Retries: 2; Attempts: 3; Recycles: 4 Ignitor warmup: 17 sec. on retry: 27 sec.



#### 02525436700

Module, **Ignition Kit** 

Hot Surface Ignition (I.D. #50E47-70) (I.D. #50E47-843)



- Input voltage: 25VAC
- 6 different program keys w/ corresponding color coded timing labels
- Program key determines... trial for ignition, retries, prepurge and warm-up time

#### 37310337702

Motor, Draft Inducer

Volts - 115 AMP -1.2 RPM - 3000



Has quick disconnect on wire ends with male pin connections

#### 32425007000

Motor, Draft Inducer

Volts - 115 AMP - 0.7 RPM - 3450 H.P. - 1/25



Has (1) male pin connection and (1) stripped wire end and gasket kit

#### **CURRENT PRICING CAN BE FOUND ON OUR WEBSITE**

### YORK

