

**Sensor:**  
Separate sensor required for remote sensing applications.

**Wiring:**  
Use existing appliance wiring. If repair or replacement of leadwires is required, follow instructions on appliance label. Use included quick connect terminals and wiring adaptors according to instructions.

**Prepurge:**  
32 seconds.

**Igniter Warmup:**  
34 seconds.

**Between Trial Purge:**  
96 seconds (3 trial mode only).

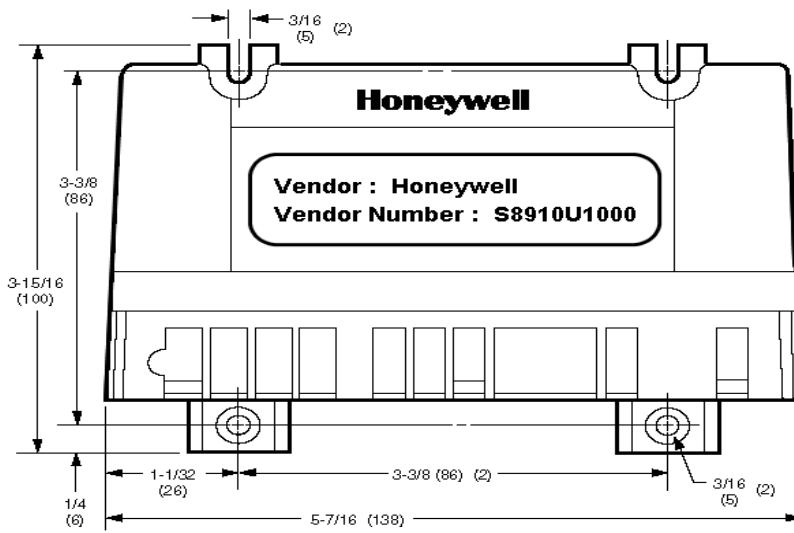
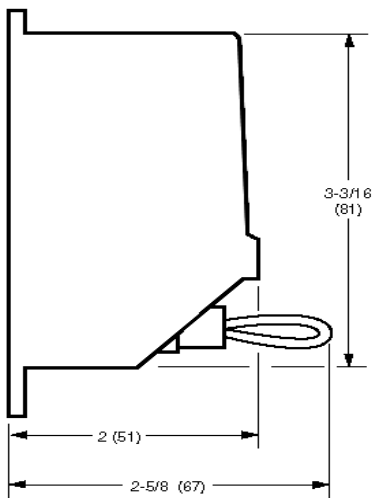
**Ignition Sequence:**  
The number of trials for ignition and trial time are determined by the selection tab. See Table 1. If a selection tab is not installed, the module operates at four seconds trial time and one ignition trial.

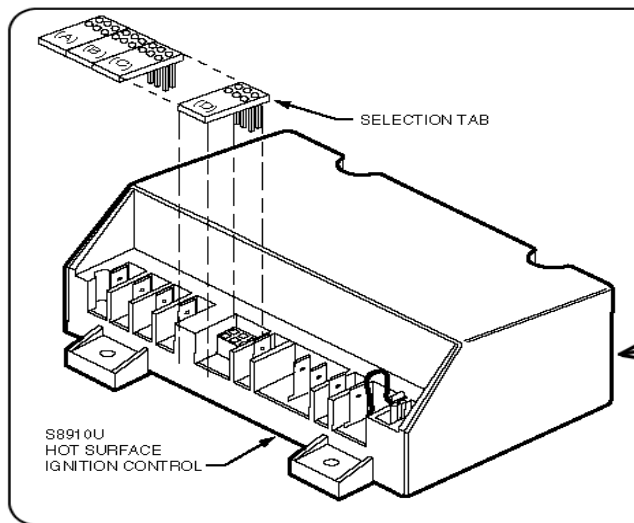
**Ambient Operating Temperature:**  
-40°F to +175°F (-40°C to +79°C).

- Accessory Kit (Included):**
- White-Rodgers adapter.
  - Robertshaw ground lead.
  - Four 1/4 in. female .032 quick-connects.
  - One 3/16 in. female .032 quick-connect.
  - Four selection tabs.
  - Seven wire labels.

**Approvals:**  
IAS Design Certified: Report No. C2030018.

**Flame Failure Response Time:**  
1.5 seconds maximum.





**Selection Tab Specifications.**

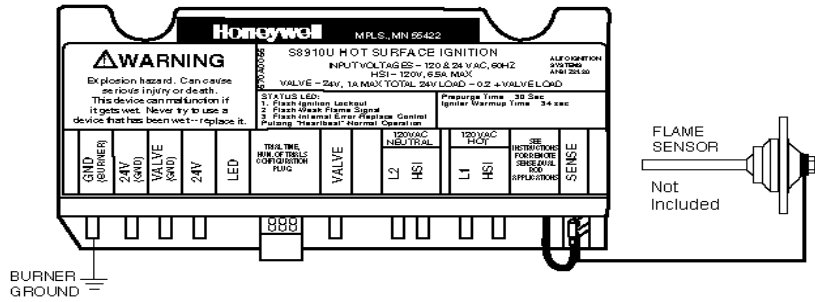
Selection Tab	Trial Time (Seconds)	Number of Ignition Trials
A	4	1
B	4	3
C	7	1
D	7	3

Separating and installing selection tab.

Reference Honeywell Installation Instructions 69-0845-2 shipped with Kit for additional information.

CHECKED					
APPROVED	STANDARD TOLERANCE				
RELIAB. ENGR.	- FRACTIONAL ± 1/32"				
VENDOR	- ANGULAR +1° - 3°				
	- DECIMAL ±0.030				
<b>PROSTOCK™</b>		MODELED BY: L. Stec	ORIGINAL P-00052	NOTE: ALL BREAKS ARE 90° UNLESS OTHERWISE SPECIFIED.	
		DATE: 09/06/2002	RELEASE NO.	MATERIAL	
 RHEEM MFG. PARTS DEPARTMENT		<b>Ign. Control Kit - H/W</b>			PART NO. SHEET 1 OF 5 REV. <b>62-25078-02 00</b>

S8910U HOT SURFACE IGNITER CONTROL



**White-Rodgers Control to Honeywell S8910U Cross Reference**

NOTE: White-Rodgers product information was obtained from the 1991 White-Rodgers Product Catalog (R3700).

Model Numbers	62 - 25078 - 02		Local (L) or Remote (R) Sensing	Lockout Time (sec)	Ignition Trials	PrePurge (sec)	Igniter Warmup (sec)	Between Trial Purge (sec)
	Selection Tab	Remove Black Jumper						
<b>62 - 25078 - 02 Specifications</b>	A	—	Local or Remote	4	1	32	34	NA
	B				3			96
	C				7			NA
	D				3			96
50E47-1 thru 9	A	Yes	R	4	1	0	17	NA
50E47-10 thru 19	A	Yes	R	4	1	0	45	NA
50E47-20 thru 29	A	Yes	R	4	1	30	17	NA
50E47-30 thru 39	A	Yes	R	4	1	30	45	NA
50E47-40 thru 49	B	Yes	R	4	3	30	17	90
50E47-50 thru 59	B	Yes	R	4	3	30	45	90
50E47-60 thru 69	B	Yes	R	4	3	0	17	60
50E47-70 thru 79	B	Yes	R	4	3	0	45	60
50E47-101 thru 109	C	Yes	R	7	1	0	17	NA
50E47-110 thru 119	C	Yes	R	7	1	0	45	NA
50E47-120 thru 129	C	Yes	R	7	1	30	17	NA
50E47-130 thru 139	C	Yes	R	7	1	30	45	NA
50E47-140 thru 149	D	Yes	R	7	3	30	17	90
50E47-150 thru 159	D	Yes	R	7	3	30	45	90
50E47-160 thru 169	D	Yes	R	7	3	0	17	60
50E47-170 thru 179	D	Yes	R	7	3	0	45	60
50E47-201 thru 209	A	Yes	R	4	1	0	17	NA
50E47-210 thru 219	A	Yes	R	4	1	0	45	NA
50E47-220 thru 229	A	Yes	R	4	1	30	17	NA
50E47-230 thru 239	A	Yes	R	4	1	30	45	NA
50E47-240 thru 249	B	Yes	R	4	3	30	17	90
50E47-250 thru 259	B	Yes	R	4	3	30	45	90
50E47-260 thru 269	B	Yes	R	4	3	0	17	60
50E47-270 thru 279	B	Yes	R	4	3	0	45	60
50E47-301 thru 309	C	Yes	R	7	1	0	17	NA
50E47-310 thru 319	C	Yes	R	7	1	0	45	NA
50E47-320 thru 329	C	Yes	R	7	1	30	17	NA
50E47-330 thru 339	C	Yes	R	7	1	30	45	NA
50E47-340 thru 349	D	Yes	R	7	3	30	17	90
50E47-350 thru 359	D	Yes	R	7	3	30	45	90
50E47-360 thru 369	D	Yes	R	7	3	0	17	60
50E47-370 thru 379	D	Yes	R	7	3	0	45	60

CHECKED					
APPROVED	STANDARD TOLERANCE				
RELIAB. ENGR.	- FRACTIONAL ± 1/32"				
VENDOR	- ANGULAR +1° - 3°				
	- DECIMAL ±0.030				
<b>PROSTOCK</b>	MODELED BY: L. Stec	ORIGINAL P-00052	NOTE: ALL BREAKS ARE 90° UNLESS OTHERWISE SPECIFIED.	MATERIAL	
	DATE: 09/06/2002	RELEASE NO.			
	RHEEM MFG. PARTS DEPARTMENT	<b>Ign. Control Kit - H/W</b>		PART NO. SHEET 2 OF 5	REV. 00
				<b>62-25078-02</b>	

**White-Rodgers Control to Honeywell S8910U Cross Reference (Continued)**

NOTE: White-Rodgers product information was obtained from the 1991 White-Rodgers Product Catalog (R3700).

Model Numbers	62 - 25078 - 02		Local (L) or Remote (R) Sensing	Lockout Time (sec)	Ignition Trials	PrePurge (sec)	Igniter Warmup (sec)	Between Trial Purge (sec)
	Selection Tab	Remove Black Jumper						
<b>62 - 25078 - 02 Specifications</b>	A	—	Local or Remote	4	1	32	34	NA
	B				3			96
	C			7	1			NA
	D				3			96
50F47-1 thru 9	A	Yes	R	4	1	0	17	NA
50F47-10 thru 19	A	Yes	R	4	1	0	45	NA
50F47-20 thru 29	A	Yes	R	4	1	17	17	NA
50F47-30 thru 39	A	Yes	R	4	1	17	45	NA
50F47-40 thru 49	B	Yes	R	4	3	17	17	77
50F47-50 thru 59	B	Yes	R	4	3	17	45	77
50F47-60 thru 69	B	Yes	R	4	3	0	17	60
50F47-70 thru 79	B	Yes	R	4	3	0	45	60
50F47-101 thru 109	C	Yes	R	7	1	0	17	NA
50F47-110 thru 119	C	Yes	R	7	1	0	45	NA
50F47-120 thru 129	C	Yes	R	7	1	17	17	NA
50F47-130 thru 139	C	Yes	R	7	1	17	45	NA
50F47-140 thru 149	D	Yes	R	7	3	17	17	77
50F47-150 thru 159	D	Yes	R	7	3	17	45	77
50F47-160 thru 169	D	Yes	R	7	3	0	17	60
50F47-170 thru 179	D	Yes	R	7	3	0	45	60
50F47-201 thru 209	A	Yes	R	4	1	0	17	NA
50F47-210 thru 219	A	Yes	R	4	1	0	45	NA
50F47-220 thru 229	A	Yes	R	4	1	17	17	NA
50F47-230 thru 239	A	Yes	R	4	1	17	45	NA
50F47-240 thru 249	B	Yes	R	4	3	17	17	77
50F47-250 thru 259	B	Yes	R	4	3	17	45	77
50F47-260 thru 269	B	Yes	R	4	3	0	17	60
50F47-270 thru 279	B	Yes	R	4	3	0	45	60
50F47-301 thru 309	C	Yes	R	7	1	0	17	NA
50F47-310 thru 319	C	Yes	R	7	1	0	45	NA
50F47-320 thru 329	C	Yes	R	7	1	17	17	NA
50F47-330 thru 339	C	Yes	R	7	1	17	45	NA
50F47-340 thru 349	D	Yes	R	7	3	17	17	77
50F47-350 thru 359	D	Yes	R	7	3	17	45	77
50F47-360 thru 369	D	Yes	R	7	3	0	17	60
50F47-370 thru 379	D	Yes	R	7	3	0	45	60

CHECKED					
APPROVED	STANDARD TOLERANCE - FRACTIONAL ± 1/32" - ANGULAR +1° - 3° - DECIMAL ±0.030				
RELIAB. ENGR.					
VENDOR					
<b>PROSTOCK™</b>	MODELED BY: L. Stec DATE: 09/06/2002	ORIGINAL P-00052 RELEASE NO.	NOTE: ALL BREAKS ARE 90° UNLESS OTHERWISE SPECIFIED.	MATERIAL	
	RHEEM MFG. PARTS DEPARTMENT	<b>Ign. Control Kit - H/W</b>		PART NO. <b>62-25078-02</b>	SHEET 3 OF 5 REV. <b>00</b>

**Robertshaw Control to Honeywell S8910U Cross Reference.**

NOTE: Robertshaw product information was obtained from the 1993-1994 Robertshaw Uni-Line Catalog (2-064).

Model Numbers	62 - 25078 - 02		Local (L) or Remote (R) Sensing	Lockout Time (sec)	Ignition Trials	PrePurge (sec)	Igniter Warmup (sec)	Between Trial Purge (sec)
	Selection Tab	Remove Black Jumper						
<b>62 - 25078 - 02 Specifications</b>	A	—	Local or Remote	4	1	32	34	NA
	B				3			96
	C			7	1			NA
	D				3			96
HS780-17NL-104A	A	No	L	4	1	0	17	NA
HS780-17NL-108A	C	No	L	8 <sup>a</sup>	1	0	17	NA
HS780-17NL-304A	B	No	L	4	3	0	17	17
HS780-17NL-308A	D	No	L	8 <sup>a</sup>	3	0	17	17
HS780-17NR-104A	A	Yes	R	4	1	0	17	NA
HS780-17NR-306A	D	Yes	R	6 <sup>a</sup>	3	0	17	17
HS780-17NR-308A	D	Yes	R	8 <sup>a</sup>	3	0	17	17
HS780-34NL-108A	C	No	L	8 <sup>a</sup>	1	0	34	NA
HS780-34NL-304A	B	No	L	4	3	0	34	34
HS780-34NL-306A	D	No	L	6 <sup>a</sup>	3	0	34	34
HS780-34NL-308A	D	No	L	8 <sup>a</sup>	3	0	34	34
HS780-34NL-312A	D	No	L	12 <sup>b</sup>	3	0	34	34
HS780-34NR-104A	A	Yes	R	4	1	0	34	NA
HS780-34NR-306A	D	Yes	R	6 <sup>a</sup>	3	0	34	34
HS780-34NR-308A	D	Yes	R	8 <sup>a</sup>	3	0	34	34
HS780-34NR-312A	D	Yes	R	12 <sup>b</sup>	3	0	34	34
HS780-34PL-308A	D	No	L	8 <sup>a</sup>	3	34	34	34

<sup>a</sup> The S8910U and the original control lockout times are different. The S8910U lockout time is within the design tolerance lockout time of the original control.

<sup>b</sup> The lockout time of the S8910U is shorter than the original control. Be sure to observe the appliance operation under a variety of input conditions to assure reliable operation.

CHECKED				
APPROVED	STANDARD TOLERANCE			
RELIAB. ENGR.	- FRACTIONAL ± 1/32"			
VENDOR	- ANGULAR +1° - 3°			
	- DECIMAL ±0.030			
<b>PROSTOCK™</b>	MODELED BY: L. Stec DATE: 09/06/2002	ORIGINAL P-00052 RELEASE NO.	NOTE: ALL BREAKS ARE 90° UNLESS OTHERWISE SPECIFIED.	MATERIAL
	RHEEM MFG. PARTS DEPARTMENT	<b>Ign. Control Kit - H/W</b>		PART NO. SHEET 4 OF 5 <b>62-25078-02</b> REV. <b>00</b>

**Honeywell Control to Honeywell S8910U Cross Reference.**

Model Numbers	62 - 25078 - 02		Local (L) or Remote (R) Sensing	Lockout Time (sec)	Ignition Trials	PrePurge (sec)	Igniter Warmup (sec)	Between Trial Purge (sec)
	Selection Tab	Remove Black Jumper						
<b>62 - 25078 - 02 Specifications</b>	A	—	Local or Remote	4	1	32	34	NA
	B				3			96
	C			7	1			NA
	D				3			96
S89C1004	C	No	L	6 <sup>a</sup>	1	0	34	NA
S89C1087	C	No	L	6 <sup>a</sup>	1	0	34	NA
S89C1012	C	No	L	6 <sup>a</sup>	1	0	34	NA
S89C1046	A	No	L	4 <sup>a</sup>	1	0	34	NA
S89C1103	A	No	L	4 <sup>a</sup>	1	0	34	NA
S89D1002	C	Yes	R	6 <sup>a</sup>	1	0	34	NA
S89G1005	B	No	L	4	3	0	34	30
S89G1013	D	No	L	6 <sup>a</sup>	3	0	34	30
S89G1021	D	No	L	11 <sup>b</sup>	3	0	34	30
S89G1047	D	No	L	6 <sup>a</sup>	3	0	34	30
S89H1003	B	Yes	R	4	3	0	34	30
S89H1011	D	Yes	R	6 <sup>a</sup>	3	0	34	30
S89H1029	D	Yes	R	11 <sup>b</sup>	3	0	34	30
S89J1008	C	No	L	6 <sup>a</sup>	1	0	34	NA
S890C1007	C	No	L	6 <sup>a</sup>	1	30	34	NA
S890D1006	C	Yes	R	6 <sup>a</sup>	1	30	34	NA
S890G1003	B	No	L	4	3	30	34	30
S890G1011	D	No	L	6 <sup>a</sup>	3	30	34	30
S890G1029	D	No	L	11 <sup>b</sup>	3	30	34	30
S890G1037	D	No	L	6 <sup>a</sup>	3	30	34	30
S890H1002	B	Yes	R	4	3	30	34	30
S890H1010	D	Yes	R	6 <sup>a</sup>	3	30	34	30
S890H1028	D	Yes	R	11 <sup>b</sup>	3	30	34	30

<sup>a</sup> The S8910U and the original control lockout times are different. The S8910U lockout time is within the design tolerance lockout time of the original control.

<sup>b</sup> The lockout time of the S8910U is shorter than the original control. Be sure to observe the appliance operation under a variety of input conditions to assure reliable operation.

CHECKED					
APPROVED	STANDARD TOLERANCE				
RELIAB. ENGR.	- FRACTIONAL ± 1/32"				
VENDOR	- ANGULAR +1° - 3°				
	- DECIMAL ±0.030				
<b>PROSTOCK™</b>	MODELED BY: L. Stec	ORIGINAL P-00052	NOTE: ALL BREAKS ARE 90° UNLESS OTHERWISE SPECIFIED.	MATERIAL	
	RHEEM MFG. PARTS DEPARTMENT	DATE: 09/06/2002		PART NO.	SHEET 5 OF 5
<b>Ign. Control Kit - H/W</b>				<b>62-25078-02</b>	<b>REV. 00</b>