

*Beckett*

CORPORATION

Includes: Burner Chassis, Basic Burner Setup Information, Air Tube Combinations



OEM Specifications Guide

# RESIDENTIAL OIL BURNERS

*For Wholesalers & Service Technicians*

# Instructions for Using the Beckett Service Hotline

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Try correcting the problem using  
procedures in your  
*Beckett Trouble Shooting Guide.*

If the problem still exists,  
gather the following information:

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Service History	Pump Pressure
Appliance Model	Tank / Supply System
Burner Head	Chimney / Flue Type
Combustion Head	Combustion Test Results
Nozzle Size	

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Call the hotline Monday-Friday,  
from 8:00 a.m. through 5:00 p.m. eastern time.  
Ask for Technical Services.

**1-800-OIL BURN**  
(1-800-645-2876)

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# The Wholesaler's & Service Technician's Guide to OEM Residential Oil Specifications

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## INTRODUCTION

**WARNING** *Only personnel specifically trained and equipped with the proper tools to service oil burning equipment should attempt adjustments or repair of equipment. Improper adjustment of any gas or oil burning equipment can create smoke, carbon monoxide or a fire, which can cause injury or death to the building occupants.*

Beckett is pleased to make this publication available to you!

Since 1984, we have made available a quick-reference guide of our burner specifications that were used in OEM applications. Over the years, this guide has proved to be an invaluable resource for the distributors, installers and service technicians who support our industry.

This guide, in combination with your skill, experience, use of test instruments and accurate technical specifications will help you provide the very best service for your customers. Thank you for your professional service!

***This guide is not intended to supersede the appliance manufacturer's published specifications. Always follow the appliance manufacturer's published instructions and recommendations.***

If you experience difficulties when servicing our products, please consult the appliance manufacturer or contact our Technical Services personnel.

### **Beckett Service Hotline**

**1-800-645-2876 (Available 8 a.m. to 5 p.m. Eastern Time)**

***Visit Beckett online at [www.beckettcorp.com](http://www.beckettcorp.com)***  
for the latest residential and commercial specifications  
and practical technical publications that can lead to  
NORA training credits.

*To the best of our knowledge, these specifications were current at the time of publication. However, as appliances are upgraded, specifications may change. For Beckett Commercial Oil Specifications, see guide part 6808.*

**R.W. BECKETT CORPORATION**  
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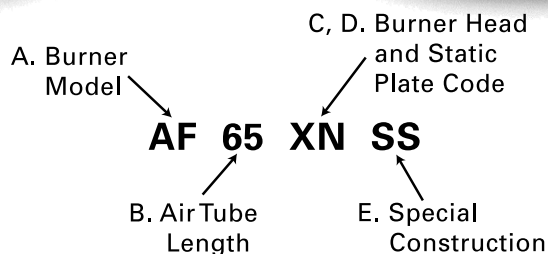
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# Instructions for Using the Beckett OEM Specification Guide

- For your convenience, this guide is arranged in alphabetical order by manufacturer.
- Locate OEM name.
- Locate Appliance Model Number.
- Locate Burner Type (AF, AFG, SF...).
- Locate Air Tube Combination. This will include:
  - Burner Model
  - Air Tube Length
  - Head Type
  - Static Plate
  - Special Construction. (See example below.)
- To identify the Special Construction Codes, turn to the Air Tube Combination Code Listing pages.
- Locate Specified Nozzle Selection.
- Verify Pump Pressure.
- \*Approximate Air Settings are given in some applications. **WARNING:** These are approximate air settings. The burner must be adjusted using combustion test instruments for the final air setting. Failure to do so could result in burner or appliance failure, causing potential severe personal injury, death or substantial property damage. Follow these four steps to properly adjust the burner:
  - Adjust air until a trace smoke level is achieved.
  - At the trace of smoke level, measure the CO<sub>2</sub> (or O<sub>2</sub>). This is a vital reference point for further adjustments.
  - Increase the air to reduce the CO<sub>2</sub> by 1 to 2 percentage points. (O<sub>2</sub> will be increased by approximately 1.4 to 2.7 percentage points.)
  - Recheck the smoke level. It should be zero.

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>A.O. Smith</b>											
140MBTU	AF	F3	2-3/4"	1.00 X 80°B	—	AF65XN	100	B3001	—	—	
199MBTU	AF	F6	2-3/4"	1.35 X 80°B	—	AF65YB	100	B3001	—	—	
270MBTU	AF	F12	2-3/4"	2.00 X 80°B	—	AF65XO	100	B3001	—	—	
400MBTU	AF	F31	NONE	2.75 X 80°B	—	AF65XS	100	B3001	—	—	
CMF80	AF15	F0	3-3/8"R	0.60 X 80°B	—	AF30BO	100	B3001	—	—	22
CMF90	AF15	F3	3-3/8"R	0.65 X 80°B	—	AF30BNHS	100	B3001	—	—	2
COF-199	AFG	F12	2-3/4"	1.35 X 80°B	—	AF53XOPW	110	B2007	S-6 / B-0	1-1/2"	
COF-245	AFG	F12	2-3/4"	1.75 X 80°B	—	AF53XOPW	100	B2007	S-9 / B-0	1-1/2"	
COF-315	AFG	F22	2-3/4"	2.25 X 80°B	—	AF53XPPW	100	B2007	S-10 / B-0	1-1/2"	
COF-385	SF	F16	2-3/4"	2.75 X 80°B (D)	—	SF53NUPW	100	B711	S-5 / B-0	1"	26
COF-455	SF	F22	2-3/4"	3.25 X 80°B (D)	—	SF53PPW	100	B711	S-5 / B-2	1"	26
COF-700A	SF	F31	2-1/4"	5.00 X 80°B (D)	—	SF53NNPW	100	B711	S-5 / B-4	1"	26

(22) This application requires the use of a blank air band, part #3626.  
 (26) Burner requires Part Number 21295 four-second timer and solenoid valve.  
 (2) "HS" on air tube combination = ceramic heat shield on combustion head.



Air tube is measured in usable length. The overall length is 1/2" longer. The first digit is in inches, and the second digit is in 1/8" increments. (Example AF65 is 6-5/8", and AF104 is 10-1/2".)

- Additional Information may include Notes that give specific information regarding a particular application. (See Note Column).

**11. Additional Information** will help in selecting replacement burner chassis.

- Locate OEM name and Appliance Model Number.
- Select Recommended Chassis replacement found in Additional Information.
- Select recommended Air Tube Combination.
- Select recommended Nozzle.
- Look for specific "Notes" that may pertain to a particular application.
- Follow Basic Burner Setup Information.

**DANGER:** All equipment must be installed, adjusted and started only by a qualified service agency: An individual or agency, licensed and experienced with all codes and ordinances and with the latest revision of the National Fire Protection Association Standard NFPA31 or CSA B139-M91.

**R.W. Beckett Air Tube Combination Code Listing**

<b>A.T.C. Code</b>	<b>Burner Head</b>	<b>Static Plate</b>	<b>A.T.C. Code</b>	<b>Burner Head</b>	<b>Static Plate</b>	<b>A.T.C. Code</b>	<b>Burner Head</b>	<b>Static Plate</b>
<b>A</b>	2" 3219	3-3/8" 3384	<b>FB</b>	F310	None	<b>JM</b>	F220	2-3/4" 3383
<b>B</b>	2" 3219	2-3/4" 3383	<b>FC</b>	F310	2-3/4" 3383	<b>JN</b>	F60	3-3/8" 3384
<b>C</b>	2-1/4" 3220	2-3/4" 3383	<b>FD</b>	F220	None	<b>JO</b>	F220	3-3/8" 3384
<b>D</b>	2-5/8" 3240	2-3/4" 3383	<b>FE</b>	F163	2-3/4" 3383	<b>JP</b>	F6H	2-3/4" 3383
<b>E</b>	2-7/8" 3163	None	<b>FF</b>	F220	None	<b>JR</b>	F16	3-3/8" 3384
<b>F</b>	2" 3219	2-3/4" 3383	<b>FH</b>	F31	2-3/4" 3383	<b>JS</b>	D1	3-3/8" 3384
<b>G</b>	2" 3219	3-3/8" 3384	<b>FJ</b>	F22	None	<b>JT</b>	F160	2-3/4" 3383
<b>J</b>	2-7/8" 3163	2-3/4" 3383	<b>FK</b>	F22	None	<b>JU</b>	F4	2-3/4" 3383
<b>K</b>	2-7/8" 3163	None	<b>FL</b>	F22	2-3/4" 3383	<b>JV</b>	F6	2-3/4" 3383
<b>L</b>	2-1/4" 3220	2-3/4" 3383	<b>FM</b>	F16	2-3/4" 3383	<b>JW</b>	F164	None
<b>M</b>	2-5/8" 3240	2-3/4" 3383	<b>FO</b>	F12	2-3/4" 3383	<b>JX</b>	F12	2-1/2" 3894
<b>XG</b>	2-1/8" 3462	3-3/8" 3384	<b>FP</b>	F22	2-3/4" 3383	<b>JY</b>	F0	3-3/8"R 31646
<b>XH</b>	2-1/8" 3462	3-3/8" 3384	<b>FS</b>	F220	3-3/8" 3384	<b>JZ</b>	F6	3-3/8"R 31646
<b>BA</b>	F6	3-3/8" 3384	<b>FT</b>	F310	None	<b>NB</b>	F303	2-3/4" 3383
<b>BB</b>	F4	3-3/8"R 31646	<b>FU</b>	F310	None	<b>NE</b>	F24	None
<b>BD</b>	F3	3-5/8" 3912	<b>FV</b>	F310	2-3/4" 3383	<b>NF</b>	F22	2-3/4" 3383
<b>BN</b>	F3	3-3/8"R 31646	<b>FW</b>	F120	2-3/4" 3383	<b>NH</b>	F22	None
<b>BO</b>	F0	3-3/8"R 31646	<b>FX</b>	F120	2-3/4" 3383	<b>NJ</b>	F310	2-1/4" 31230
<b>BP</b>	F127	3" 31757	<b>FY</b>	F220	2-3/4" 3383	<b>NK</b>	F31	None
<b>BR</b>	F3	None	<b>FZ</b>	F220	2-3/4" 3383	<b>NM</b>	F310	3-3/8" 3384"
<b>BU</b>	F310	2-3/4" 3383	<b>JA</b>	F30	None	<b>NN</b>	F31	2-1/4" 31230
<b>BZ</b>	F4	3-3/8"R 31646	<b>JB</b>	F124	2-3/4" 3383	<b>NT</b>	F160	None
<b>DB</b>	F67	2-3/4" 3383	<b>JC</b>	F310	2-1/4" 31230	<b>NU</b>	F16	2-3/4" 3383
<b>DN</b>	F37	2-3/4" 3383	<b>JD</b>	F30	2-3/4" 3383	<b>NV</b>	F22	2-1/4" 31230
<b>DO</b>	F127	2-3/4" 3383	<b>JE</b>	F223	None	<b>RA</b>	F0	2-3/4" 3383
<b>DP</b>	F227	2-3/4" 3383	<b>JG</b>	F160	None	<b>RB</b>	F0	2-3/4" 3383
<b>FA</b>	F310	None	<b>JH</b>	F164	2-3/4" 3383	<b>RC</b>	F3	2-3/4" 3383
			<b>JJ</b>	F34	3-1/2" 3898	<b>RE</b>	F6	2-3/4" 3383
			<b>JK</b>	F12	2-3/4" 3383			
			<b>JL</b>	F16	2-3/4" 3383			

**R.W. Beckett Air Tube Combination Code Listing**

<b>A.T.C. Code</b>	<b>Burner Head</b>	<b>Static Plate</b>	<b>A.T.C. Code</b>	<b>Burner Head</b>	<b>Static Plate</b>	<b>A.T.C. Code</b>	<b>Burner Head</b>	<b>Static Plate</b>
RF	F6	2-3/4" 3383	VU	F220	None	XU	F3	3-1/8"C 3471
RG	F12	2-3/4" 3383	VV	F300	2-3/4" 3383	XUS	F3	3-1/8"S 3714
RH	F12	2-3/4" 3383	VW	F12	2-3/4" 3383	XV	F31	2-3/4" 3383
RJ	F12	None	VX	F220	2-3/4" 3383	XY	F300	2-3/4" 3383
RK	F12	None	VY	F220	2-1/4" 31230	XZ	R4	2-3/4" 3383
RL	F22	None	VZ	F12	None	XZT	F0	2-3/4" 3383
RM	F22	None	WA	F3	3-5/8" 3912"	YA	F0	2-3/4" 3383
RN	F22	2-3/4" 3383	WB	F4	3-1/2" 3898"	YB	F6	2-3/4" 3383
RO	F3	3-3/8" 3384	WF	F16	2-3/4" 3383	YC	F120	2-3/4" 3383
RP	F12	3-3/8" 3384	WG	F0	3-1/2" 3898	YD	F220	2-3/4" 3383
RT	F6	3-3/8" 3384	WH	F4	2-3/4" 3383	YE	F3	3-3/8" 3384
SA	F300	None	WJ	F22	3-3/8" 3384	YF	F22	None
SB	F300	None	WK	F16	None	YG	F220	None
SC	F160	3-3/8" 3384	WL	F33	2-3/4" 3383	YH	F3	3-3/8" 3384
SFS	F30	None	WM	F60	2-3/4" 3383	YJ	F12	2-3/4" 3383
SX	F223	None	WN	F6	3-3/8"R 31646	YK	F220	2-3/4" 3383
SY	F12	2-3/4" 3383	WP	F4	3-3/8" 3384	YL	F0	3-5/8" 3912
VA	F4S	3-5/8" 3912	WR	F3	3-1/2" 3898	YN	F12	None
VB	F220	2-3/4" 3383	WS	F6	3-1/2" 3898	YP	F3H	2-3/4" 3383
VE	F313	None	WT	F12	3-3/8" 3384	YS	F31	None
VF	F120	2-3/4" 3383	WV	F22	2-1/4" 31230	YT	F3H	3-3/8" 3384
VG	F300	2-3/4" 3383	XL	R4	3-3/8" 3384	YV	F31	2-3/4" 3383
VH	F300	2-3/4" 3383	XM	F0	3-3/8" 3384	YW	F3	2-3/4" 3383
VJ	F224	2-3/4" 3383	XN	F3	2-3/4" 3383	YY	F6	3-3/8" 3384
VK	F303	None	XO	F12	2-3/4" 3383	YZ	F0H	2-3/4" 3383
VL	F220	None	XP	F22	2-3/4" 3383	ZA	F6	3-1/8"S 3714
VM	F22	None	XR	F0	3-3/8" 3384	ZB	F12	3-1/8"S 3714
VN	F220	None	XS	F31	None	ZD	F3	3-7/16"Fin 388901
VP	F22	2-3/4" 3383	XT	F0	3-1/8"C 3471			
VS	F224	2-3/4" 3383						
VT	F220	2-1/4" 31230						

### R.W. Beckett Air Tube Combination Code Listing

A.T.C. Code	Burner Head	Static Plate
ZE	F22	3-7/16" Fin 388901
ZF	F6	3-3/8" 3384
ZG/WF	F6	3-1/2" 3898
ZH	F12	3-7/16" Fin 388901
ZJ	F31	2-1/2" 3894
ZN	F6	None
ZP	F3	3-1/2" 3898
ZR	F3S	2-3/4" 3383
ZV	F120	3-3/8" 3384
ZS	F4S	2-3/4" 3383
ZT	F120	None
*MA (1)	L1 5912U	3-3/8" 3384

### AFII Burner Air Tube Combinations

A.T.C. Code	Burner Head	Special Construction Code
HB	6-Slot 51671U	—
HC	9-Slot 51672U	—
HD	6-Slot 51671U	—
HE	9-Slot 51672U	—
HFXS	FB0	XS
HGXS	FB3	XS
HHXS	FB4	XS
HIXS	FB6	XS

\* To be used on Model "AFG" only.

(1) Straight Shroud 1-3/8" 'Z' Dimension

(2) Conic Shroud 1-3/4" 'Z' Dimension

#### Special Construction Codes

<b>FS</b> Fiber Head Protector	<b>AQ</b> 16-Slot Venturi
<b>HS</b> Heat Shield Porcelain	<b>AS</b> 1-Piece Venturi
<b>SS</b> Stainless Steel Air Tube	Aluminized Steel
<b>XS</b> Fiber Head Protector AFII	
<b>OS</b> Outer Shield	

A.T.C. Code	Burner Head	Static Plate
*MB (1)	L1 5912U	3-3/8" 3384
*MC (1)	L1 5912U	2-3/4" 3383
*MD (2)	V1 5913U	2-3/4" 3383
*MK (2)	V1 5913U	2-3/4" M 31905
*ML (2)	V1 5913U	None
*MM (2)	L1 5912U	3-3/8" 3384
*MN (1)	L1 5912U	None
*MP (2)	L2 51895U	2-3/4" 3383
*MQ (2)	L2 51895U	3-3/8" 3384
*MRN (2)	L2 51895U	None
*MS (2)	L1 5912U	None
*MT (2)	L1 5912U	2-3/4" 3383

### R.W. Beckett Nozzle Line Length Code

A.T.C. Code Length	Replacement Nozzle Line	Universal Electrode Kit
30 to 36	NL30 to NL36	578711
40 to 90	NL40 to NL90	5780
104 to 210	NL104 to NL210	5782

**NOTE:** If the customer has a non-flame retention burner Model "A" or "S" with the A.T.C. Code A,B,C,D,E,F,G,J,K,L,M,XG or XH, it will be necessary to purchase one of the following universal electrode kits for replacements: Beckett part number 5781, for air tubes 3" to 9" in usable length, or Beckett part number 5782, for air tubes 10" to 21" in usable length.

### NX Burner Air Tube Combinations

A.T.C. Code	Burner Head	Throttle Ring	Throttle Cup	Retention Ring
LB	9-Slot 51815	6-Hole 1/4"	12-Slot	6-Rib
LC	6-Slot 51785	6-Hole 1/4"	12-Slot	6-Rib
LD	9-Slot 51815	6-Hole 3/8"	4-Leg	4-Rib
LF	6-Slot 51785	6-Hole 3/8"	4-Leg	4-Rib
LG	9-Slot 51815	2-Hole 1/4"	12-Slot	6-Rib
LH	6-Slot 51785	2-Hole 1/4"	12-Slot	6-Rib
LJ	*9-Slot 52020	6-Hole 1/4"	12-Slot	6-Rib
LK	*6-Slot 52019	6-Hole 1/4"	12-Slot	6-Rib
LL	*9-Slot 52020	6-Hole 3/8"	4-Leg	4-Rib
LM	*6-Slot 52019	6-Hole 3/8"	4-Leg	4-Rib
LN	*9-Slot 52020	2-Hole 1/4"	12-Slot	6-Rib
LP	*6-Slot 52019	2-Hole 1/4"	12-Slot	6-Rib

\*No 3/16" hole in Head



## Footnotes

Note Number	Note
1	"FS" on air tube combination = fiber heat shield on combustion head.
2	"HS" on air tube combination = ceramic heat shield on combustion head.
3	Pre/post-purge control must be used.
4	Requires delay solenoid valve.
5	Non-delay valve required.
6	Nozzle line heater required.
7	D1 head requires 7/8" "Z" dimension.
8	2-slot air band 31840BK required.
9	Electrode settings of 1/4" above center of nozzle, 1/8" in front of nozzle and gap 5/32".
10	3-slot air shutter #32211.
11	Refer to appliance name plate for proper (nozzle) input rate.
12	Massachusetts approved dual boiler temperature controls.
13	Requires blank air band.
14	Requires flange gasket #31653.
15	Must maintain 6° downward pitch on air tube/flange.
16	With conic shroud, "Z" dimension is 1-3/4".
17	Flange 3837BKU. (Gasket supplied by Nordyne)
18	Model ST burner 220V/50Hz.
19	Requires gasket #31802.
20	Stainless steel combustion chamber.
21	5-slot shutter #3932BK.
22	This application requires the use of a blank air band, part #3626.
23	R4 Head has a 1" "Z" dimension.
24	Burner must be factory assembled complete with dual boiler temperature controls.
25	Burner equipped with #31581 refractory sleeve.
26	Burner requires Part Number 21295 four-second timer and solenoid valve.
27	Requires stainless steel air tube.
28	For positive pressure wall venting applications.
29	For chimney vented applications.
30	Two SF burners Utilized.
31	The (H) in the nozzle description denotes a Hago.
32	The (D) in the nozzle description denotes a Delavan Del-o-flow nozzle.
33	Specified with 2-stage pump.
34	Must maintain 3° downward pitch on air tube/flange.
35	Alternate specs for 3-section boiler.
36	Series 3 boiler.
37	AQ in ATC designates 16-slot venturi.
38	Alternate nozzles are Hago 70 B or Monarch 70 B.
39	The AB in the nozzle description denotes a Danfoss.
40	Must maintain 0° downward pitch on air tube/flange.

## Footnotes Continued

Note Number	Note
41	Must maintain 0.5° downward pitch on air tube/flange.
42	Must maintain 1° downward pitch on air tube/flange.
43	Must maintain 1.5° downward pitch on air tube/flange.
44	Must maintain 2.5° downward pitch on air tube/flange.
45	Must maintain 4° downward pitch on air tube/flange.
46	Must maintain -2° upward pitch on air tube/flange.
47	Must utilize blanket kit 8"x17", P.N. 32408.
48	"MR" air tube combination uses CF375 electrode kit 51858.
49	Do not derate, per Weil McLain.
50	Strip Blower Wheel 21434.
51	Burner specs before March 2013.
52	Burner specs after March 2013.
53	Burner specs before September 2012.
54	Burner specs after September 2012.
55	Burner equipped with P.N. 32246 Heat Shield.
56	Burner equipped with #32633 Heat Shield.
57	Burner equipped with #32845 Heat Shield.
58	Requires 2-Slot Air Band #5151506.
59	Requires Blank Air Shutter #32995-001.
60	Requires Staggered Air Band #32994-001.
61	Burner Requires #51747 Air Boot Kit.
62	Denotes Appliance "As Shipped" Configuration.

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>A.O. Smith</b>											
140MBTU	AF	F3	2-3/4"	1.00 X 80°B	—	AF65XN	100	B3001	—	—	
199MBTU	AF	F6	2-3/4"	1.35 X 80°B	—	AF65YB	100	B3001	—	—	
270MBTU	AF	F12	2-3/4"	2.00 X 80°B	—	AF65XO	100	B3001	—	—	
400MBTU	AF	F31	NONE	2.75 X 80°B	—	AF65XS	100	B3001	—	—	
CMF80	AF15	F0	3-3/8"R	0.60 X 80°B	—	AF30BO	100	B3001	—	—	22
CMF90	AF15	F3	3-3/8"R	0.65 X 80°B	—	AF30BNHS	100	B3001	—	—	2
COF-199	AFG	F12	2-3/4"	1.35 X 80°B	—	AF53XO	110	B2007	S-6 / B-0	1-1/2"	
COF-245	AFG	F12	2-3/4"	1.75 X 80°B	—	AF53XO	100	B2007	S-9 / B-0	1-1/2"	
COF-315	AFG	F22	2-3/4"	2.25 X 80°B	—	AF53XP	100	B2007	S-10 / B-0	1-1/2"	
COF-385	SF	F16	2-3/4"	2.75 X 80°B	—	SF53NU	100	B711	S-5 / B-0	1"	26
COF-455	SF	F22	2-3/4"	3.25 X 80°B	—	SF53FP	100	B711	S-5 / B-2	1"	26
COF-700 A	SF	F31	2-1/4"	5.00 X 80°B	—	SF53NN	100	B711	S-5 / B-4	1"	26
(2) "HS" on air tube combination = ceramic heat shield on combustion head.											
(22) This application requires the use of a blank air band, part #3626.											
(26) Burner requires Part Number 21295 four-second timer and solenoid valve.											
<b>Adams \ Dornback</b>											
ACO105X	AF	F3	2-3/4"	0.75 X 70°A	—	AF72XN	100	B3001	—	—	
ACO120X	AF	F3	2-3/4"	0.85 X 70°A	—	AF72XN	100	B3001	—	—	
ACO140X	AF	F3	2-3/4"	1.00 X 70°A	—	AF72XN	100	B3001	—	—	
ACO175	AF	F3	2-3/4"	1.25 X 70°A	—	AF72XN	100	B3001	—	—	
ACO230	AF	F12	2-3/4"	1.65 X 70°A	—	AF72XO	100	B3001	—	—	
ACO350	AF	F30	NONE	2.50 X 70°A	—	AF72JA	100	B3001	—	—	
ACOV175	AF	F3	2-3/4"	1.25 X 70°A	—	AF72XN	100	B3001	—	—	
ACOV230	AF	F12	2-3/4"	1.65 X 70°A	—	AF72XO	100	B3001	—	—	
ACOV350	AF	F30	NONE	2.50 X 70°A	—	AF72JA	100	B3001	—	—	
OCF105	AF	F3	2-3/4"	0.75 X 70°A	—	AF72XN	100	B3001	—	—	
OCF120	AF	F3	2-3/4"	0.85 X 70°A	—	AF72XN	100	B3001	—	—	
OCF140	AF	F3	2-3/4"	1.00 X 70°A	—	AF72XN	100	B3001	—	—	
OCF175	AF	F3	2-3/4"	1.25 X 70°A	—	AF72XN	100	B3001	—	—	
OCF230	AF	F12	2-3/4"	1.65 X 70°A	—	AF72XO	100	B3001	—	—	
OCF350	AF	F30	NONE	2.50 X 70°A	—	AF72JA	100	B3001	—	—	
OCF90	AF	F3	2-3/4"	0.85 X 80°A	—	AF53XN	100	B3001	—	—	
SO105	AF	F3	2-3/4"	0.75 X 70°A	—	AF72XN	100	B3001	—	—	
SO140	AF	F3	2-3/4"	1.00 X 70°A	—	AF72XN	100	B3001	—	—	
SO175	AF	F3	2-3/4"	1.25 X 70°A	—	AF72XN	100	B3001	—	—	
SO230	AF	F12	2-3/4"	1.65 X 70°A	—	AF72XO	100	B3001	—	—	
SO350	AF	F30	NONE	2.50 X 70°A	—	AF72JA	100	B3001	—	—	
SO90	AF	F3	2-3/4"	0.65 X 70°A	—	AF72XN	100	B3001	—	—	
UFO105	AF	F3	2-3/4"	0.75 X 70°A	—	AF72XN	100	B3001	—	—	
UFO120	AF	F3	2-3/4"	0.85 X 70°A	—	AF72XN	100	B3001	—	—	
UFO140	AF	F3	2-3/4"	1.00 X 70°A	—	AF72XN	100	B3001	—	—	
ACO-105X	AFG	F3	2-3/4"	0.65 X 70°A	—	AF72XNHSSS	140	B2007	—	—	2, 27
ACO-120X	AFG	F3	2-3/4"	0.75 X 70°A	—	AF72XNHSSS	140	B2007	—	—	2, 27
ACO-140X	AFG	F6	2-3/4"	0.85 X 70°A	—	AF72YBHSSS	140	B2007	—	—	2, 27
ACO-175	AFG	F6	2-3/4"	1.10 X 70°A	—	AF72YBHSSS	140	B2007	—	—	2, 27
ACO-230	AFG	F22	2-3/4"	1.35 X 70°A	—	AF72XP	140	B2007	—	—	
ACO-350	AFG	F31	NONE	2.00 X 70°A	—	AF72XS	140	B2007	—	—	
ACOV-175	AFG	F6	2-3/4"	1.10 X 70°A	—	AF72YBHSSS	140	B2007	—	—	2, 27

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Adams \ Dornback (cont'd)</b>											
ACOV-230	AFG	F22	2-3/4"	1.35 X 70°A	—	AF72XP	140	B2007	—	—	
ACOV-350	AFG	F31	NONE	2.00 X 70°A	—	AF72XS	140	B2007	—	—	
OCF-105	AFG	F3	2-3/4"	0.65 X 70°A	—	AF72XNHSSS	140	B2007	—	—	2, 27
OCF-120	AFG	F3	2-3/4"	0.75 X 70°A	—	AF72XNHSSS	140	B2007	—	—	2, 27
OCF-140	AFG	F6	2-3/4"	0.85 X 70°A	—	AF72YBHSSS	140	B2007	—	—	2, 27
OCF-175	AFG	F6	2-3/4"	1.10 X 70°A	—	AF72YBHSSS	140	B2007	—	—	2, 27
OCF-230	AFG	F22	2-3/4"	1.35 X 70°A	—	AF72XP	140	B2007	—	—	
OCF-350	AFG	F31	NONE	2.00 X 70°A	—	AF72XS	140	B2007	—	—	
OCF-90	AFG	F3	2-3/4"	0.50 X 70°A	—	AF72XNHSSS	140	B2007	—	—	2, 27
S0230	AFG	F22	2-3/4"	1.35 X 70°B	—	AF72XP	140	B2007	—	7-1/4"	
SO120	AFG	F3	2-3/4"	0.75 X 70°A	—	AF72XNHSSS	100	B2007	—	—	2, 27
SO140	AFG	F6	2-3/4"	0.85 X 70°A	—	AF72YBHSSS	140	B2007	—	6-1/2"	2, 27
SO175	AFG	F6	2-3/4"	1.10 X 70°A	—	AF72YBHSSS	140	B2007	—	6-1/2"	2, 27
SO90	AFG	F3	2-3/4"	0.50 X 70°B	—	AF72XNHSSS	140	B2007	—	—	2, 27
UFO105	AFG	F3	2-3/4"	0.65 X 70°A	—	AF72XNHSSS	140	B2007	—	—	2, 27
UFO120	AFG	F3	2-3/4"	0.75 X 70°A	—	AF72XNHSSS	140	B2007	—	—	2, 27
UFO140	AFG	F3	2-3/4"	0.85 X 70°A	—	AF72XNHSSS	100	B2007	—	—	2, 27
UFO70	AFG	F3	2-3/4"	0.50 X 70°A	—	AF72XNHSSS	140	B2007	—	—	2, 27
UFO90	AFG	F3	2-3/4"	0.50 X 70°A	—	AF72XNHSSS	140	B2007	—	—	2, 27
HEO-0.50	NX	9-slot	—	0.40 X 70°A	32229	NX50LBHS	140	B8001	0.5	2"	2
HEO-0.60	NX	9-slot	—	0.50 X 70°A	32229	NX50LBHS	140	B8001	2	2"	2
HEO-0.70	NX	9-slot	—	0.60 X 60°A	32229	NX50LBHS	140	B8001	2	2"	2
HEO-0.80	NX	9-slot	—	0.65 X 60°A	32229	NX50LBHS	140	B8001	2.25	2"	2
(2) "HS" on air tube combination = ceramic heat shield on combustion head.											
(27) Requires Stainless Steel air tube.											
<b>Addison Products Co.</b>											
OD120F	AF	F3	2-3/4"	1.10 X 80°S	—	AF60XN	100	B3001	—	—	
OD84F	AF	F3	2-3/4"	0.75 X 80°S	—	AF60XN	100	B3001	—	—	
OD95F	AF	F3	2-3/4"	0.85 X 80°S	—	AF60XN	100	B3001	—	—	
OL112F	AF	F3	2-3/4"	1.00 X 80°S	—	AF60XN	100	B3001	—	—	
OL130F	AF	F12	2-3/4"	1.20 X 80°S	—	AF60XO	100	B3001	—	—	
OL84F	AF	F3	2-3/4"	0.75 X 80°S	—	AF60XN	100	B3001	—	—	
OL95F	AF	F3	2-3/4"	0.85 X 80°S	—	AF60XN	100	B3001	—	—	
OU112F	AF	F3	2-3/4"	1.00 X 80°S	—	AF60XN	100	B3001	—	—	
OU130F	AF	F12	2-3/4"	1.20 X 80°S	—	AF60XO	100	B3001	—	—	
OU84F	AF	F3	2-3/4"	0.75 X 80°S	—	AF60XN	100	B3001	—	—	
OU95F	AF	F3	2-3/4"	0.85 X 80°S	—	AF60XN	100	B3001	—	—	
OH100G	AFG	F3H	3-3/8"	0.90 X 70°A	—	AF47YT	100	B2007	—	—	
OH125G	AFG	F6H	2-3/4"	1.10 X 70°A	—	AF67JP	100	B2007	—	—	
OH150G	AFG	F6H	2-3/4"	1.35 X 70°A	—	AF67JP	100	B2007	—	—	
OH85G	AFG	F3H	3-3/8"	0.75 X 70°A	5880	AF47YT	100	B2007	—	—	
UHC055	AFG	F3	3-3/8"	0.50 X 80°S	5880	AF47YHFS	100	B2007	—	—	1
UHC085	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2007	—	—	1
UHC100	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2007	—	—	1
UHC125	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2007	—	—	1
(1) "FS" on air tube combination = fiber heat shield on combustion head.											

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Advantage / Pure Pro / Trio</b>											
AO(T)-3 / 0.65	AFG	L1	3-3/8"	0.55 X 60°B(H)	5880	AFG70MBAS	140	B2007	S-5 / B-1	2-1/4"	31
AO(T)-3 / 0.75	AFG	L1	3-3/8"	0.65 X 60°B(H)	5880	AFG70MBAS	140	B2007	S-10 / B-2	2-1/4"	31
AO(T)-3 / 1.00	AFG	L1	3-3/8"	0.85 X 60°B(H)	—	AFG70MBAS	140	B2007	S-5 / B-2	2-1/4"	31
AO(T)-4 / 1.25	AFG	V1-0	2-3/4"	1.00 X 60°B(H)	—	AFG70MDAS	140	B2007	S-10 / B-1	2-1/4"	31
AO(T)-4 / 1.50	AFG	V1-0	2-3/4"	1.25 X 60°B(H)	—	AFG70MDAS	140	B2007	S-10 / B-6	2-1/4"	31
AO(T)-5 / 1.75	AFG	V1-3	2-3/4"	1.35 X 45°B(H)	—	AFG70MDAS	175	B2007	S-6 / B-6	2-1/4"	31
AO(T)-5 / 2.00	AFG	V1-4	NONE	1.50 X 45°B(H)	—	AFG70MLAQ	175	B2007	S-8 / B-4	2-1/4"	31
P3	AFG	L2	3-3/8"	0.60 X 70°B(H)	—	AFG90MQAQ	160	B2007	S-6 / B-0	5-3/4"	16,31,37
P4	AFG	L2	3-3/8"	0.85 X 60°B(H)	—	AFG90MQAQ	140	B2007	S-10 / B-1	5-3/4"	16,31,37
P7	CF375	V1-1	—	1.35 X 45°B	—	CF65KY	150	BCF3907	S-9 / B-0	2"	
P3	NX	6-Slot	—	0.60 X 60°B	—	NX90LC	160	B8001	1.5	4-1/4"	
P4	NX	6-Slot	—	0.85 X 60°B	—	NX90LC	140	B8001	3	4-1/4"	
P5	NX	6-Slot	—	1.00 X 60°B	—	NX90LC	150	B8001	4	4-1/4"	
P6	NX	9-Slot	—	1.25 X 45°B	—	NX90LD	140	B8001	2	4-3/8"	
<i>(16) With conic shroud, "Z" dimension is 1-3/4".</i>											
<i>(31) The (H) in the nozzle description denotes a Hago.</i>											
<i>(37) AQ in ATC designates 16-slot venturi.</i>											
<b>Airtemp</b>											
RCF-CBP	AFG	F3	2-3/4"	0.75 X 80°A	5880	AF57XNSS	130	B2007	S-8 / B-0	—	27, 62
RCF-CBP	AFG	F3	2-3/4"	0.60 X 80°A	5880	AF57XNSS	130	B2007	—	—	27
RCF-CBP	AFG	F3	2-3/4"	0.85 X 80°A	5880	AF57XNSS	130	B2007	—	—	27
RCF-CBP	AFG	F3	2-3/4"	1.00 X 80°A	5880	AF57XNSS	130	B2007	—	—	27
RH8-ABP	AFG	F6	2-3/4"	1.10 X 80°A	—	AF60YBHS	120	B2007	—	4-1/2"	2
RH8-ABP	AFG	F6	2-3/4"	0.85 X 80°A	—	AF60YBHS	120	B2007	—	4-1/2"	2
RH8-ABP	AFG	F6	2-3/4"	1.00 X 80°A	—	AF60YBHS	120	B2007	S-5 / B-0	4-1/2"	2, 62
RHF-ABT/ABP	AFG	F3	3-5/8"	0.50 X 80°B	5880	AF60BDHSSS	120	B2007	—	4-1/2"	2, 27
RHF-ABT/ABP	AFG	F3	3-5/8"	0.75 X 80°A	5880	AF60BDHSSS	120	B2007	—	4-1/2"	2, 27
RHF-ABT/ABP	AFG	F3	3-5/8"	0.60 X 70°A	5880	AF60BDHSSS	120	B2007	S-6 / B-0	4-1/2"	2, 27, 62
RL16-FBP/RBP	AFG	F6	2-3/4"	1.10 X 80°A	—	AF76YBOS	100	B2007	S-9 / B-0	7-3/4"	25, 62
RL16-FBP/RBP	AFG	F6	2-3/4"	1.00 X 80°A	—	AF76YBOS	100	B2007	—	7-3/4"	25
RLF/RLR-CBP	AFG	F3	2-3/4"	0.85 X 80°A	5880	AF57XNSS	130	B2007	—	—	27
RLF/RLR-CBP	AFG	F3	2-3/4"	1.00 X 80°A	5880	AF57XNSS	130	B2007	—	—	27
RLF/RLR-CBP	AFG	F3	2-3/4"	0.75 X 80°A	5880	AF57XNSS	130	B2007	S-8 / B-0	—	27, 62
RLF/RLR-CBP	AFG	F3	2-3/4"	0.60 X 80°A	5880	AF57XNSS	130	B2007	—	—	27
RCF-BNP	NX	9-Slot	—	0.85 X 60°W	32229	NX70LBHS	150	B8001	—	5-3/4"	55
RCF-BNP	NX	9-Slot	—	0.75 X 60°W	32229	NX70LBHS	150	B8001	—	5-3/4"	55
RCF-BNP	NX	9-Slot	—	0.65 X 60°W	32229	NX70LBHS	150	B8001	3.5	5-3/4"	55, 62
RCF-BNP	NX	9-Slot	—	0.55 X 60°W	32229	NX70LBHS	150	B8001	—	5-3/4"	55
RHF-ANE/ANP	NX	9-Slot	—	0.50 X 70°A	32229	NX50LGHS	150	B8001	2.25	4-1/2"	55, 62
RHF-ANE/ANP	NX	9-Slot	—	0.60 X 70°A	32229	NX50LGHS	150	B8001	—	4-1/2"	55
RHF-ANE/ANP	NX	9-Slot	—	0.40 X 70°A	32229	NX50LGHS	150	B8001	—	4-1/2"	55
RLF/RLR-BNP	NX	9-Slot	—	0.65 X 60°W	32229	NX70LBHS	150	B8001	3.5	5-3/4"	55, 62
RLF/RLR-BNP	NX	9-Slot	—	0.75 X 60°W	32229	NX70LBHS	150	B8001	—	5-3/4"	55
RLF/RLR-BNP	NX	9-Slot	—	0.55 X 60°W	32229	NX70LBHS	150	B8001	—	5-3/4"	55
RLF/RLR-BNP	NX	9-Slot	—	0.85 X 60°W	32229	NX70LBHS	150	B8001	—	5-3/4"	55
<i>(2) "HS" on air tube combination = ceramic heat shield on combustion head.</i>											
<i>(25) Burner equipped with #31581 refractory sleeve.</i>											
<i>(27) Requires stainless steel air tube.</i>											
<i>(55) Burner equipped with P.N. 32246 Heat Shield.</i>											
<i>(62) Denotes Appliance "As Shipped" Configuration.</i>											
<b>American Standard</b>											
ADF1M087A936-948SAA AF	F3		2-3/4"	0.60 X 80°A	—	AF57XNSS	130	B3001	—	—	27
ADF1M087A936-948SAA AF	F3		2-3/4"	0.75 X 80°A	—	AF57XNSS	130	B3001	—	—	27

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>American Standard (cont'd)</b>											
ADF1M087A936-948SAA	AF	F3	2-3/4"	0.85 X 80°A	—	AF57XNSS	130	B3001	—	—	27
ADF1M087A936-948SAA	AF	F3	2-3/4"	1.00 X 80°A	—	AF57XNSS	130	B3001	—	—	27
ADF1M087A9V3-9V5SAA	AF	F3	2-3/4"	0.60 X 80°A	—	AF57XNSS	130	B3001	—	—	27
ADF1M087A9V3-9V5SAA	AF	F3	2-3/4"	0.75 X 80°A	—	AF57XNSS	130	B3001	—	—	27
ADF1M087A9V3-9V5SAA	AF	F3	2-3/4"	0.85 X 80°A	—	AF57XNSS	130	B3001	—	—	27
ADF1M087A9V3-9V5SAA	AF	F3	2-3/4"	1.00 X 80°A	—	AF57XNSS	130	B3001	—	—	27
AHV1M087A936-948SAA	AF	F3	2-3/4"	0.60 X 80°A	—	AF57XNSS	130	B3001	—	—	27
AHV1M087A936-948SAA	AF	F3	2-3/4"	1.00 X 80°A	—	AF57XNSS	130	B3001	—	—	27
AHV1M087A936-948SAA	AF	F3	2-3/4"	0.75 X 80°A	—	AF57XNSS	130	B3001	—	—	27
AHV1M087A936-948SAA	AF	F3	2-3/4"	0.85 X 80°A	—	AF57XNSS	130	B3001	—	—	27
AHV1M087A9V3-9V5SAA	AF	F3	2-3/4"	0.85 X 80°A	—	AF57XNSS	130	B3001	—	—	27
AHV1M087A9V3-9V5SAA	AF	F3	2-3/4"	1.00 X 80°A	—	AF57XNSS	130	B3001	—	—	27
AHV1M087A9V3-9V5SAA	AF	F3	2-3/4"	0.60 X 80°A	—	AF57XNSS	130	B3001	—	—	27
AHV1M087A9V3-9V5SAA	AF	F3	2-3/4"	0.75 X 80°A	—	AF57XNSS	130	B3001	—	—	27
ALF1M087A936-948SAA	AF	F3	2-3/4"	0.60 X 80°A	—	AF57XNSS	130	B3001	—	—	27
ALF1M087A936-948SAA	AF	F3	2-3/4"	1.00 X 80°A	—	AF57XNSS	130	B3001	—	—	27
ALF1M087A936-948SAA	AF	F3	2-3/4"	0.75 X 80°A	—	AF57XNSS	130	B3001	—	—	27
ALF1M087A936-948SAA	AF	F3	2-3/4"	0.85 X 80°A	—	AF57XNSS	130	B3001	—	—	27
ALF1M087A9V3-9V5SAA	AF	F3	2-3/4"	0.60 X 80°A	—	AF57XNSS	130	B3001	—	—	27
ALF1M087A9V3-9V5SAA	AF	F3	2-3/4"	0.85 X 80°A	—	AF57XNSS	130	B3001	—	—	27
ALF1M087A9V3-9V5SAA	AF	F3	2-3/4"	1.00 X 80°A	—	AF57XNSS	130	B3001	—	—	27
ALF1M087A9V3-9V5SAA	AF	F3	2-3/4"	0.75 X 80°A	—	AF57XNSS	130	B3001	—	—	27
ALR1M087A936-948SAA	AF	F3	2-3/4"	1.00 X 80°A	—	AF57XNSS	130	B3001	—	—	27
ALR1M087A936-948SAA	AF	F3	2-3/4"	0.75 X 80°A	—	AF57XNSS	130	B3001	—	—	27
ALR1M087A936-948SAA	AF	F3	2-3/4"	0.60 X 80°A	—	AF57XNSS	130	B3001	—	—	27
ALR1M087A936-948SAA	AF	F3	2-3/4"	0.85 X 80°A	—	AF57XNSS	130	B3001	—	—	27
ALR1M087A9V3-9V5SAA	AF	F3	2-3/4"	0.60 X 80°A	—	AF57XNSS	130	B3001	—	—	27
ALR1M087A9V3-9V5SAA	AF	F3	2-3/4"	1.00 X 80°A	—	AF57XNSS	130	B3001	—	—	27
ALR1M087A9V3-9V5SAA	AF	F3	2-3/4"	0.75 X 80°A	—	AF57XNSS	130	B3001	—	—	27
ALR1M087A9V3-9V5SAA	AF	F3	2-3/4"	0.85 X 80°A	—	AF57XNSS	130	B3001	—	—	27
ACU055A936B	AFG	F3	3-3/8"	0.50 X 80°S	5880	AF47YHFS	100	B2007	—	—	1
ACU055B936B	AFG	F3	3-3/8"	0.50 X 70°H	5880	AF47YHFS	100	B2007	—	—	1
ACU085B936B	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2007	—	—	1
ACU100A948B	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2007	—	—	1
ACU100B948B	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2007	—	—	1
ACU125A960B	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2007	—	—	1
ACU125B960B	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2007	—	—	1
ACU085A936B	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2007	—	—	1
ADF085A936B	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2007	—	—	1
ADF112A948B	AFG	F3	3-3/8"	1.00 X 70°H	5880	AF47YHFS	100	B2007	—	—	1
ALB085A936B	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2007	—	—	1
ALB085B936B	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2007	—	—	1
ALB100A948B	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2007	—	—	1
ALB100B948B	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2007	—	—	1
ALB125A960B	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2007	—	—	1
ALB125B960B	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2007	—	—	1
AUH175B960B	AFG	F12	2-3/4"	1.50 X 70°S	—	AF67XOFS	100	B2007	—	—	1

(1) "FS" on air tube combination = fiber heat shield on combustion head.

(27) Requires Stainless Steel air tube.

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>ARCO Air / Comfortmaker / ICP</b>											
OCH055A012	AFG	F3	3-3/8"	0.50 X 80°S	5880	AF47YHFS	100	B2007	—	—	1
OCH075A012	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2007	—	—	1
OCH100A016	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2007	—	—	1
OCH125A016	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2007	—	—	1
OHD055A012	AFG	F3	3-3/8"	0.50 X 80°S	5880	AF47YHFS	100	B2007	—	—	1
OHD085A012	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2007	—	—	1
OHD100A016	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2007	—	—	1
OHD125A020	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2007	—	—	1
OLR055A012	AFG	F3	3-3/8"	0.50 X 80°S	5880	AF47YHFS	100	B2007	—	—	1
OLR085A012	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2007	—	—	1
OLR100A016	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2007	—	—	1
OLR125A020	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2007	—	—	1
<i>(1) "FS" on air tube combination = fiber heat shield on combustion head.</i>											
<b>Armstrong / Air Ease</b>											
L52-140 (1-18)	A	2"	34-9	1.25 X 80°S	—	A65BC	100	B3001	—	—	
L52-168 (1-18)	A	2-1/4"	31-12	1.50 X 80°H	—	A65CC	100	B3001	—	—	
L52-195 (1-18)	A	2-1/4"	31-12	1.75 X 80°S	—	A65CC	100	B3001	—	—	
L82-140 (1-18)	A	2"	34-9	1.25 X 80°S	—	A65BC	100	B3001	—	—	
L82-168 (1-18)	A	2-1/4"	31-12	1.50 X 80°S	—	A65CC	100	B3001	—	—	
L82-196 (1-18)	A	2-1/4"	31-12	1.75 X 80°S	—	A65CC	100	B3001	—	—	
199MBTU	AF	F6	2-3/4"	1.35 X 80°B	—	AF65YB	100	B3001	—	—	
L52-150 (20-21)	AF	F12	2-3/4"	1.25 X 70°S	—	AF65XO	100	B3001	—	—	
L52-168 (20-21)	AF	F12	2-3/4"	1.50 X 70°S	—	AF65XO	100	B3001	—	—	
L52-196 (20-21)	AF	F12	2-3/4"	1.75 X 70°S	—	AF65XO	100	B3001	—	—	
L5A-140	AF	F12	2-3/4"	1.25 X 70°S	—	AF65XO	100	B3001	—	—	
L5A-168	AF	F12	2-3/4"	1.50 X 70°S	—	AF65XO	100	B3001	—	—	
L5A-196	AF	F12	2-3/4"	1.75 X 70°S	—	AF65XO	100	B3001	—	—	
L6B57DC10	AF	F0	3-1/2"	0.50 X 80°A	—	AF50WG	100	B3001	—	—	
L82-140 (20-21)	AF	F12	2-3/4"	1.25 X 70°S	—	AF65XO	100	B3001	—	—	
L82-168 (20-21)	AF	F12	2-3/4"	1.50 X 80°S	—	AF65XO	100	B3001	—	—	
L82-196 (20-21)	AF	F12	2-3/4"	1.75 X 70°S	—	AF65XO	100	B3001	—	—	
L8A-140	AF	F12	2-3/4"	1.25 X 70°S	—	AF65XO	100	B3001	—	—	
L8A-168	AF	F12	2-3/4"	1.50 X 70°S	—	AF65XO	100	B3001	—	—	
L8A-196	AF	F12	2-3/4"	1.75 X 70°S	—	AF65XO	100	B3001	—	—	
LBF80A57B08	AF	F0	2-3/4"	0.50 X 80°A (D)	—	AF50XZT	100	B3001	S-4 / B-0	—	32
LBF80A57D10	AF	F0	2-3/4"	0.50 X 80°A (D)	—	AF50XZT	100	B3001	S-4 / B-0	—	32
LBR80A57B08	AF	F0	2-3/4"	0.50 X 80°A (D)	—	AF50XZT	100	B3001	S-4 / B-0	—	32
LBR80A57D10	AF	F0	2-3/4"	0.50 X 80°A (D)	—	AF50XZT	100	B3001	S-4 / B-0	—	32
LHR80A57D12	AF	F0	2-3/4"	0.50 X 80°A (D)	—	AF50XZT	100	B3001	S-4 / B-0	—	32
LUF80A57B08	AF	F0	2-3/4"	0.50 X 80°A (D)	—	AF50XZT	100	B3001	S-4 / B-0	—	32
LUF80A57D10	AF	F0	2-3/4"	0.50 X 80°A (D)	—	AF50XZT	100	B3001	S-4 / B-0	—	32
L595	AFG	F3	2-3/4"	0.85 X 80°B	5880	AF50XN	100	B2007	—	—	
L5B112	AFG	F3	2-3/4"	1.00 X 80°B	—	AF50XN	100	B2007	—	—	
L5B125	AFG	F3	2-3/4"	1.10 X 80°B	—	AF50XN	100	B2007	—	—	
L5B84	AFG	F3	2-3/4"	0.75 X 80°B	5880	AF50XN	100	B2007	—	—	
L5BR112/125C	AFG	F6	2-3/4"	1.00 X 80°B	—	AF55YB	100	B2007	—	—	

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Armstrong / Air Ease (cont'd)</b>											
L5BR140/168	AFG	F6	2-3/4"	1.50 X 80°B	—	AF55YB	100	B2007	—	—	
L5BR140DC20	AFG	F6	2-3/4"	1.25 X 80°B	—	AF55YB	100	B2007	—	—	
L5BR168DC20	AFG	F6	2-3/4"	1.50 X 80°B	—	AF55YB	100	B2007	—	—	
L5BR84/95	AFG	F3	2-3/4"	0.75 X 80°B	—	AF55XN	100	B2007	—	—	
L6B112	AFG	F3	2-3/4"	1.00 X 80°B	—	AF50XN	100	B2007	—	UNIT MOUNT	
L6B125	AFG	F3	2-3/4"	1.10 X 80°B	—	AF50XN	100	B2007	—	UNIT MOUNT	
L6B84	AFG	F3	2-3/4"	0.75 X 80°B	5880	AF50XN	100	B2007	—	—	
L6B95	AFG	F3	2-3/4"	0.85 X 80°B	5880	AF50XN	100	B2007	—	—	
L78B112	AFG	F3	2-3/4"	1.00 X 80°B	—	AF50XN	100	B2007	—	—	
L78B125	AFG	F3	2-3/4"	1.10 X 80°B	—	AF50XN	100	B2007	—	—	
L78B84	AFG	F3	2-3/4"	0.75 X 80°B	—	AF50XN	100	B2007	—	—	
L78B95	AFG	F3	2-3/4"	0.85 X 80°B	—	AF50XN	100	B2007	—	—	
L78C112/125	AFG	F6	2-3/4"	1.10 X 80°B	—	AF55YB	100	B2007	—	—	
L78C84/95	AFG	F3	2-3/4"	0.85 X 80°B	—	AF55XN	100	B2007	—	—	
L83UF-112	AFG	F4	3-3/8"	0.85 X 80°B	—	AF46WPHS	140	B2007	S-6 / B-0	5"	2
L83UF-125	AFG	F4	3-3/8"	1.00 X 80°B	—	AF46WPHS	140	B2007	S-9 / B-0	5"	2
L83UF-57	AFG	F0	2-3/4"	0.50 X 80°A	5880	AF46ZXTHS	100	B2007	S-4 / B-0	5"	2, 58
L83UF-72	AFG	F0	2-3/4"	0.65 X 80°B	5880	AF46XZTHS	100	B2007	S-10 / B-0	5"	2, 58
L83UF-84	AFG	F3	2-3/4"	0.65 X 80°B	5880	AF46XNHS	140	B2007	S-6 / B-0	5"	2
L83UF-94	AFG	F3	2-3/4"	0.75 X 80°B	5880	AF46XNHS	140	B2007	S-8 / B-0	5"	2
LBF80A112/125B16	AFG	F6	2-3/4"	1.00 X 80°B	—	AF50YB	140	B2007	S-6 / B-1	—	
LBF80A112/125B16	AFG	F6	2-3/4"	0.85 X 80°B	—	AF50YB	140	B2007	S-6 / B-1	—	
LBF80A112/125D20	AFG	F6	2-3/4"	1.00 X 80°B	—	AF50YB	140	B2007	S-6 / B-1	—	
LBF80A112/125D20	AFG	F6	2-3/4"	0.85 X 80°B	—	AF50YB	140	B2007	S-6 / B-1	—	
LBF80A84/95B10	AFG	F6	2-3/4"	0.65 X 80°B	5880	AF50YB	140	B2007	S-6 / B-0	—	
LBF80A84/95B10	AFG	F6	2-3/4"	0.75 X 80°B	5880	AF50YB	140	B2007	S-6 / B-1	—	
LBF80A84/95D12	AFG	F6	2-3/4"	0.65 X 80°B	—	AF50YB	140	B2007	S-6 / B-0	—	
LBF80A84/95D12	AFG	F6	2-3/4"	0.75 X 80°B	—	AF50YB	140	B2007	S-6 / B-1	—	
LBF80C112/125B16-1	AFG	F6	2-3/4"	0.85 X 80°B	—	AF50YB	140	B2007	S-6 / B-1	—	
LBF80C112/125B20-1	AFG	F6	2-3/4"	0.85 X 80°B	—	AF50YB	140	B2007	S-6 / B-1	—	
LBF80C57/72	AFG	F0	2-3/4"	0.50 X 80°A	5880	AF50XZT	100	B2007	S-4 / B-0	—	
LBF80C57B08-1	AFG	F0	2-3/4"	0.50 X 80°A	5880	AF50XZT	100	B2007	S-4 / B-0	—	
LBF80C84/95B10-1	AFG	F6	2-3/4"	0.65 X 80°B	5880	AF50YB	140	B2007	S-6 / B-0	—	
LBF80C84/95D16-1	AFG	F6	2-3/4"	0.65 X 80°B	5880	AF50YB	140	B2007	S-6 / B-0	—	
LBR80A112/125B16	AFG	F6	2-3/4"	1.00 X 80°B	—	AF50YB	140	B2007	S-6 / B-1	—	
LBR80A112/125B16	AFG	F6	2-3/4"	0.85 X 80°B	—	AF50YB	140	B2007	S-6 / B-1	—	
LBR80A112/125D20	AFG	F6	2-3/4"	0.85 X 80°B	—	AF50YB	140	B2007	S-6 / B-1	—	
LBR80A112/125D20	AFG	F6	2-3/4"	1.00 X 80°B	—	AF50YB	140	B2007	S-6 / B-1	—	
LBR80A140/168D20	AFG	F6	2-3/4"	1.25 X 80°B	—	AF55YB	140	B2007	S-8 / B-1	—	
LBR80A140/168D20	AFG	F6	2-3/4"	1.10 X 80°B	—	AF55YB	140	B2007	S-8 / B-1	—	
LBR80A196B24	AFG	F16	2-3/4"	1.50 X 80°B	—	AF56WF	140	B2007	S-6 / B-2	—	
LBR80A84/95B10	AFG	F6	2-3/4"	0.65 X 80°B	5880	AF50YB	140	B2007	S-6 / B-0	—	
LBR80A84/95B10	AFG	F6	2-3/4"	0.75 X 80°B	5880	AF50YB	140	B2007	S-6 / B-1	—	
LBR80A84/95D12	AFG	F6	2-3/4"	0.75 X 80°B	5880	AF50YB	140	B2007	S-6 / B-1	—	
LBR80A84/95D12	AFG	F6	2-3/4"	0.65 X 80°B	5880	AF50YB	140	B2007	S-6 / B-0	—	
LBR80C112/125B16	AFG	F6	2-3/4"	0.85 X 80°B	—	AF50YB	140	B2007	S-6 / B-1	—	



Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Armstrong / Air Ease (cont'd)</b>											
LBR80C112/125B16-1	AFG	F6	2-3/4"	0.85 X 80°B	—	AF50YB	140	B2007	S-6 / B-1	—	
LBR80C112/125D20-1	AFG	F6	2-3/4"	0.85 X 80°B	—	AF50YB	140	B2007	S-6 / B-1	—	
LBR80C140/168D20-1	AFG	F6	2-3/4"	1.10 X 80°B	—	AF55YB	140	B2007	S-8 / B-1	—	
LBR80C196B24	AFG	F16	2-3/4"	1.50 X 80°B	—	AF56WF	140	B2007	S-7 / B-2	—	
LBR80C196B24-1	AFG	F16	2-3/4"	1.50 X 80°B	—	AF56WF	140	B2007	S-7 / B-2	—	
LBR80C57/72	AFG	F0	2-3/4"	0.50 X 80°A	5880	AF50XZT	100	B2007	S-4 / B-0	—	
LBR80C57B08-1	AFG	F0	2-3/4"	0.50 X 80°B	5880	AF50XZT	100	B2007	S-4 / B-0	—	
LBR80C84/95B10-1	AFG	F6	2-3/4"	0.65 X 80°B	5880	AF50YB	100	B2007	S-6 / B-0	—	
LBR80C84/95D16-1	AFG	F6	2-3/4"	0.65 X 80°B	5880	AF50YB	100	B2007	S-6 / B-0	—	
LHF80A112/125D20	AFG	F6	2-3/4"	0.85 X 80°B	—	AF50YB	140	B2007	S-6 / B-1	—	
LHF80A112/125D20	AFG	F6	2-3/4"	1.00 X 80°B	—	AF50YB	140	B2007	S-6 / B-1	—	
LHF80A84/95D12	AFG	F6	2-3/4"	0.65 X 80°B	5880	AF50YB	140	B2007	S-6 / B-0	—	
LHF80A84/95D12	AFG	F6	2-3/4"	0.75 X 80°B	5880	AF50YB	140	B2007	S-6 / B-1	—	
LHF80C112/125D20-1	AFG	F6	2-3/4"	0.85 X 80°B	—	AF50YB	140	B2007	S-6 / B-1	—	
LHF80C84/95D12-1	AFG	F6	2-3/4"	0.65 X 80°B	5880	AF50YB	140	B2007	S-6 / B-0	—	
LHR80A112/125D20	AFG	F6	2-3/4"	0.85 X 80°B	—	AF50YB	140	B2007	S-6 / B-1	—	
LHR80A112/125D20	AFG	F6	2-3/4"	1.00 X 80°B	—	AF50YB	140	B2007	S-6 / B-1	—	
LHR80A196D24	AFG	F16	2-3/4"	1.50 X 80°B	—	AF56WF	140	B2007	S-6 / B-2	—	
LHR80A84/95D12	AFG	F6	2-3/4"	0.65 X 80°B	5880	AF50YB	140	B2007	S-6 / B-1	—	
LHR80A84/95D12	AFG	F6	2-3/4"	0.75 X 80°B	5880	AF50YB	140	B2007	S-6 / B-0	—	
LHR80C112/125D20-1	AFG	F6	2-3/4"	0.85 X 80°B	—	AF50YB	140	B2007	S-6 / B-1	—	
LHR80C168/196D24-1	AFG	F16	2-3/4"	1.50 X 80°B	—	AF56WF	140	B2007	S-7 / B-2	—	
LHR80C57/72D12-1	AFG	F0	2-3/4"	0.50 X 80°A	5880	AF50XZT	100	B2007	S-4 / B-0	—	
LHR80C84/95D12-1	AFG	F6	2-3/4"	0.65 X 80°B	5880	AF50YB	140	B2007	S-6 / B-0	—	
LUF80A112/125B16	AFG	F6	2-3/4"	0.85 X 80°B	—	AF50YB	140	B2007	S-6 / B-1	—	
LUF80A112/125B16	AFG	F6	2-3/4"	1.00 X 80°B	—	AF50YB	140	B2007	S-6 / B-1	—	
LUF80A112/125D20	AFG	F6	2-3/4"	0.85 X 80°B	—	AF50YB	140	B2007	S-6 / B-1	—	
LUF80A112/125D20	AFG	F6	2-3/4"	1.00 X 80°B	—	AF50YB	140	B2007	S-6 / B-1	—	
LUF80A84/95B10	AFG	F6	2-3/4"	0.75 X 80°B	5880	AF50YB	140	B2007	S-6 / B-1	—	
LUF80A84/95B10	AFG	F6	2-3/4"	0.65 X 80°B	5880	AF50YB	140	B2007	S-6 / B-0	—	
LUF80A84/95D12	AFG	F6	2-3/4"	0.75 X 80°B	5880	AF50YB	140	B2007	S-6 / B-1	—	
LUF80A84/95D12	AFG	F6	2-3/4"	0.65 X 80°B	5880	AF50YB	140	B2007	S-6 / B-0	—	
LUF80C112/125B16-1	AFG	F6	2-3/4"	0.85 X 80°B	—	AF50YB	140	B2007	S-6 / B-1	—	
LUF80C112/125D20-1	AFG	F6	2-3/4"	0.85 X 80°B	—	AF50YB	140	B2007	S-6 / B-1	—	
LUF80C57/72D12-1	AFG	F0	2-3/4"	0.50 X 80°A	5880	AF50XZT	100	B2007	S-4 / B-0	—	
LUF80C57B08-1	AFG	F0	2-3/4"	0.50 X 80°A	5880	AF50XZT	100	B2007	S-4 / B-0	—	
LUF80C84/95B10-1	AFG	F6	2-3/4"	0.65 X 80°B	5880	AF50YB	140	B2007	S-6 / B-0	—	
LUF80C84/95D16-1	AFG	F6	2-3/4"	0.65 X 80°B	5880	AF50YB	140	B2007	S-6 / B-0	—	
PLE	AFII 100	AF2-6	# 3	0.65 X 60°B	—	HLX50HD	140	—	—	3"	
PLE	AFII 100	AF2-6	# 3	0.50 X 70°B	—	HLX50HD	175	—	—	3"	
PLE	AFII 100	AF2-6	# 3	0.50 X 70°B	—	HLX50HD	140	—	—	3"	
L52-112	AR	R4	3-3/8"	1.00 X 80°S	—	AR53XL	100	B3001	—	—	23
L52-125	AR	R4	3-3/8"	1.10 X 80°S	—	AR53XL	100	B3001	—	—	23
L52-84	AR	R4	3-3/8"	0.75 X 80°S	—	AR53XL	100	B3001	—	—	23
L52-95	AR	R4	3-3/8"	0.85 X 80°S	—	AR53XL	100	B3001	—	—	23
L5A-112	AR	R4	3-3/8"	1.00 X 80°S	—	AR53XL	100	B3001	—	—	23
L5A-125	AR	R4	3-3/8"	1.10 X 80°S	—	AR53XL	100	B3001	—	—	23

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Armstrong / Air Ease (cont'd)</b>											
L5A-84	AR	R4	3-3/8"	0.75 X 80°S	—	AR53XL	100	B3001	—	—	23
L5A-95	AR	R4	3-3/8"	0.85 X 80°S	—	AR53XL	100	B3001	—	—	23
L62-112	AR	R4	3-3/8"	1.00 X 80°S	—	AR53XL	100	B3001	—	—	23
L62-125	AR	R4	3-3/8"	1.10 X 80°S	—	AR53XL	100	B3001	—	—	23
L62-84,D	AR	R4	3-3/8"	0.75 X 80°S	—	AR53XL	100	B3001	—	—	23
L62-95,D	AR	R4	3-3/8"	0.85 X 80°S	—	AR53XL	100	B3001	—	—	23
L6A-112	AR	R4	3-3/8"	1.00 X 80°S	—	AR53XL	100	B3001	—	—	23
L6A-125	AR	R4	3-3/8"	1.10 X 80°S	—	AR53XL	100	B3001	—	—	23
L6A-84,D	AR	R4	3-3/8"	0.75 X 80°S	—	AR53XL	100	B3001	—	—	23
L6A-95,D	AR	R4	3-3/8"	0.85 X 80°S	—	AR53XL	100	B3001	—	—	23
L72-112D	AR	R4	3-3/8"	1.00 X 80°S	—	AR53XL	100	B3001	—	—	23
L72-125D	AR	R4	3-3/8"	1.10 X 80°S	—	AR53XL	100	B3001	—	—	23
L72-84D	AR	R4	3-3/8"	0.75 X 80°S	—	AR53XL	100	B3001	—	—	23
L72-95D	AR	R4	3-3/8"	0.85 X 80°S	—	AR53XL	100	B3001	—	—	23
L7A-112D	AR	R4	3-3/8"	1.00 X 80°S	—	AR53XL	100	B3001	—	—	23
L7A-125D	AR	R4	3-3/8"	1.10 X 80°S	—	AR53XL	100	B3001	—	—	23
L7A-84D	AR	R4	3-3/8"	0.75 X 80°S	—	AR53XL	100	B3001	—	—	23
L7A-95D	AR	R4	3-3/8"	0.85 X 80°S	—	AR53XL	100	B3001	—	—	23
L82-112D	AR	R4	3-3/8"	1.00 X 80°S	—	AR53XL	100	B3001	—	—	23
L82-125D	AR	R4	3-3/8"	1.10 X 80°S	—	AR53XL	100	B3001	—	—	23
L82-84D	AR	R4	3-3/8"	0.75 X 80°S	—	AR53XL	100	B3001	—	—	23
L82-95D	AR	R4	3-3/8"	0.85 X 80°S	—	AR53XL	100	B3001	—	—	23
L8A-112D	AR	R4	3-3/8"	1.00 X 80°S	—	AR53XL	100	B3001	—	—	23
L8A-125D	AR	R4	3-3/8"	1.10 X 80°S	—	AR53XL	100	B3001	—	—	23
L8A-84D	AR	R4	3-3/8"	0.75 X 80°S	—	AR53XL	100	B3001	—	—	23
L8A-95D	AR	R4	3-3/8"	0.85 X 80°S	—	AR53XL	100	B3001	—	—	23
L13-225	SF	F220	2-3/4"	2.00 X 70°B	—	SF53FY	100	B711	—	—	
L13-275	SF	F220	2-3/4"	2.50 X 60°B	—	SF53FY	100	B711	—	—	
L13-350	SF	F310	NONE	3.00 X 70°B	—	SF53FU	100	B711	S-4 / B-4	—	15
L13-450	SF	F310	NONE	4.00 X 60°B	—	SF53FU	100	B711	—	—	15
LG14-225	SF	F220	2-3/4"	2.00 X 70°B	—	SF53FZ	100	B711	S-6 / B-0	—	
LG14-275	SF	F220	2-3/4"	2.50 X 60°B	—	SF53FZ	100	B711	—	—	
LG14-350	SF	F310	NONE	3.00 X 70°B	—	SF53FU	100	B711	S-4 / B-4	—	15
LG14-450	SF	F310	NONE	4.00 X 60°B	—	SF53FU	100	B711	—	—	15
(2) "HS" on air tube combination = ceramic heat shield on combustion head.											
(15) Must remain 6° downward pitch on air tube/flange.											
(23) R4 Head has a 1" "Z" dimension.											
(32) The (D) in the Nozzle Description denotes a Delavan Del-o-flow nozzle.											
(58) Requires 2-Slot Air Band #5151506.											
<b>Axeman-Anderson</b>											
1108PO-2	AF	F6	2-3/4"	1.35 X 80°B	—	AF44YB	100	B3001	—	—	
108POU-2	AF	F3	2-3/4"	1.00 X 80°B	—	AF44XN	100	B3001	—	—	
128PO-2	AF	F12	2-3/4"	1.65 X 80°A	—	AF44XO	100	B3001	—	—	
128POU-2	AF	F6	2-3/4"	1.35 X 80°A	—	AF44YB	100	B3001	—	—	
149PO-2	AF	F22	2-3/4"	2.00 X 60°A	—	AF44XP	100	B3001	—	—	
149POU-2	AF	F12	2-3/4"	1.75 X 60°A	—	AF44XO	100	B3001	—	—	
189PO-2	AF	F22	2-3/4"	2.50 X 60°A	—	AF44XP	100	B3001	—	—	
74PO-2	AF	F3	2-3/4"	1.00 X 80°B	—	AF44XN	100	B3001	—	—	
74POU-2	AF	F3	2-3/4"	0.75 X 80°B	—	AF44XN	100	B3001	—	—	
87PO-2	AF	F3	2-3/4"	1.10 X 80°B	—	AF44XN	100	B3001	—	—	

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Axeman-Anderson (cont'd)</b>											
87POU-2	AF	F3	2-3/4"	0.85 X 80°B	—	AF44XN	100	B3001	—	—	
A,EA113W	AF	F6	2-3/4"	1.35 X 80°A	—	AF60YB	100	B3001	—	—	
A,EA139W	AF	F6	2-3/4"	1.65 X 80°B	—	AF60YB	100	B3001	—	—	
A,EA165W	AF	F16	NONE	2.00 X 80°B	—	AF60WK	100	B3001	—	—	
A,EA196W	AF	F220	NONE	2.25 X 70°B	—	AF54YG	100	B3001	—	—	
A,EA226W	AF	F220	NONE	2.50 X 70°B	—	AF54YG	100	B3001	—	—	
A,EA87W	AF	F3	2-3/4"	1.00 X 80°B	—	AF60XN	100	B3001	—	—	
C,EC120S	AF	F6	2-3/4"	1.65 X 80°B	—	AF60YB	100	B3001	—	—	
C,EC142S	AF	F16	NONE	2.00 X 80°B	—	AF60WK	100	B3001	—	—	
C,EC165S	AF	F220	NONE	2.25 X 70°B	—	AF54YG	100	B3001	—	—	
C,EC195S	AF	F220	NONE	2.50 X 70°B	—	AF54YG	100	B3001	—	—	
C,EC75S	AF	F3	2-3/4"	1.00 X 80°B	—	AF60XN	100	B3001	—	—	
C,EC97S	AF	F6	2-3/4"	1.35 X 80°A	—	AF60YB	100	B3001	—	—	
108NPO	AFG	V1-2	2-3/4"	1.50 X 60°B	—	AFG50MD	100	B2007	—	—	
108NPOU	AFG	V1-1	2-3/4"	1.25 X 70°B	—	AFG50MD	100	B2007	—	—	
108PO-2	AFG	F6	3-1/2"	1.35 X 80°B	—	AF44ZG	100	B2007	—	—	
108POU-2	AFG	F3	3-1/2"	1.00 X 80°B	—	AF44ZP	100	B2007	—	—	
128NPO	AFG	V1-2	2-3/4"	1.65 X 60°B	—	AFG50MD	100	B2007	—	—	
128NPOU	AFG	V1-2	2-3/4"	1.50 X 60°B	—	AFG50MD	100	B2007	—	—	
128PO-2	AFG	F12	3-1/2"	1.65 X 80°A	—	AF44JF	100	B2007	—	—	
128POU-2	AFG	F6	3-1/2"	1.35 X 80°A	—	AF44ZG	100	B2007	—	—	
149PO-2	AFG	V1-5	2-3/4"	2.00 X 60°A	—	AFG50MD	100	B2007	—	—	
149POU-2	AFG	V1-5	2-3/4"	1.75 X 60°A	—	AFG50MD	100	B2007	—	—	
189PO-2	AFG	V1-5	2-3/4"	2.50 X 60°A	—	AFG50MD	100	B2007	—	—	
74NPO	AFG	V1-1	2-3/4"	1.00 X 60°B	—	AFG50MD	140	B2007	—	1-3/4"	
74NPOU	AFG	V1-0	2-3/4"	0.75 X 60°B	—	AFG50MD	140	B2007	—	—	
74PO-2	AFG	F3	3-1/2"	1.00 X 80°B	—	AF44ZP	100	B2007	—	—	
74POU-2	AFG	F3	3-1/2"	0.75 X 80°B	—	AF44ZP	100	B2007	—	—	
87NPO	AFG	V1-2	2-3/4"	1.10 X 60°B	—	AFG50MD	140	B2007	—	1-3/4"	
87NPOU	AFG	V1-1	2-3/4"	1.00 X 60°B	—	AFG50MD	140	B2007	—	—	
87PO-2	AFG	F3	3-1/2"	1.10 X 80°B	—	AF44ZP	100	B2007	—	—	
87POU-2	AFG	F3	3-1/2"	0.85 X 80°B	—	AF44ZP	100	B2007	—	1-5/8"	
OL119	AFG	F3	3-3/8"R	0.75 X 70°B	5880	AF44BN	140	B2007	—	2"	
OL91	AFG	F3	3-3/8"	0.60 X 70°B	5880	AF44YH	140	B2007	—	—	
OL91	AFG	L1	3-3/8"	0.60 X 70°B	—	AFG70MBAQ	140	B2007	—	—	37
PVT105B	AFG	F3	3-1/2"	0.75 X 80°B	—	AF53ZP	100	B2007	—	—	
PVT119B	AFG	F3	3-1/2"	0.85 X 80°B	—	AF53ZP	100	B2007	—	1-3/4"	
PVT119H	AFG	F3	3-1/2"	0.85 X 80°B	—	AF53ZP	100	B2007	—	1-3/4"	
PVT140H	AFG	F3	3-1/2"	1.00 X 80°B	—	AF53ZP	100	B2007	—	1-3/4"	
PVT154H	AFG	F6	3-1/2"	1.10 X 80°B	—	AF53ZG	100	B2007	—	1-3/4"	
PVT175H	AFG	F6	3-1/2"	1.25 X 80°B	—	AF53ZG	100	B2007	—	1-3/4"	
PVT189H	AFG	F6	3-1/2"	1.35 X 80°B	—	AF53ZG	100	B2007	—	1-3/4"	
PVT210H	AFG	F6	3-1/2"	1.50 X 80°B	—	AF53ZG	100	B2007	—	1-3/4"	
108NPO-DVSC	AFII 150	AF2-9	# 8	1.25 X 70°B	—	HLX50HC	140	B7203	—	—	45
74NPO-DVSC	AFII 150	AF2-9	# 4	1.00 X 70°B	—	HLX50HC	140	B7203	5	2"	45
87NPO-DVSC	AFII 150	AF2-9	# 4	1.10 X 70°B	—	HLX50HC	140	B7203	—	—	45
OL105-DVSC	AFII 85	AF2-9	# 0	0.65 X 60°B	—	HLX50HC	140	B7703	—	2"	45

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Axeman-Anderson (cont'd)</b>											
<i>(37) AQ in ATC designates 16-slot venturi.</i>											
<i>(45) Must maintain 4° downward pitch on air tube/flange.</i>											
<b>Bard Manufacturing</b>											
OL140B48A	AF	F12	2-3/4"	1.25 X 80°S	—	AF65XO	100	B3001	—	—	
OL196B60A	AF	F12	2-3/4"	1.50 X 80°S	—	AF65XO	100	B3001	—	—	
OL196B60A	AF	F12	2-3/4"	1.75 X 80°S	—	AF65XO	100	B3001	—	—	
OS140B48A	AF	F12	2-3/4"	1.25 X 80°S	—	AF65XO	100	B3001	—	—	
OS196B60A	AF	F12	2-3/4"	1.75 X 80°S	—	AF65XO	100	B3001	—	—	
OS196B60A	AF	F12	2-3/4"	1.50 X 80°S	—	AF65XO	100	B3001	—	—	
FC085D36(A, C)	AF	F3	3-3/8"	0.65,0.75 X 80°H	—	AF90YH	100	B3001	S-5 / B-0	7-5/8"	
FH085D36(B, C)	AF	F3	3-3/8"	0.65,0.75 X 80°H	—	AF90YH	100	B3001	S-5 / B-0	7-5/8"	
FH110D(48, 60)(B,C)	AF	F3	3-3/8"	0.85,1.00 X 80°H	—	AF90YH	100	B3001	S-5 / B-0	7-5/8"	
FL110D48(B, C)	AF	F3	3-3/8"	0.85,1.00 X 80°H	—	AF72YH	100	B3001	S-5 / B-0	7-5/8"	
FLF085D36(A, C)	AF	F3	3-3/8"	0.65,0.75 X 80°H	—	AF90YH	100	B3001	S-5 / B-0	7-5/8"	
FLF110D48(A, C)	AF	F3	3-3/8"	0.85,1.00 X 80°H	—	AF90YH	100	B3001	S-5 / B-0	7-5/8"	
FLR085D36(A, C)	AF	F3	3-3/8"	0.65,0.75 X 80°H	—	AF72YH	100	B3001	S-5 / B-0	5-1/2"	
FLR110D48(A, C)	AF	F3	3-3/8"	0.85,1.00 X 80°H	—	AF72YH	100	B3001	S-5 / B-0	5-1/2"	
FLR140D60(A, C)	AF	F4	2-3/4"	1.10,1.25 X 80°H	—	AF72WH	100	B3001	S-5 / B-0	5-1/2"	
FC085D36D	AFG	F4	3-3/8"	0.65,0.75 X 70°A	—	AF90WP	100	—	S-6 / B-0	7-5/8"	
FDS055D36A	AFG	F3	3-3/8"	0.50 X 80°S	5880	AF47YHFS	100	B2007	—	—	1
FDS075D36A	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2007	—	—	1
FDS100D48A	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2007	—	—	1
FDS125D48A	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2007	—	—	1
FH085D36D	AFG	F4	3-3/8"	0.65,0.75 X 70°A	—	AF90WP	100	—	S-6 / B-0	7-5/8"	
FH110D(48, 60)D	AFG	F6	3-3/8"	0.85,1.00 X 70°A	—	AF90YY	100	—	S-10 / B-2	7-5/8"	
FHF110D48D	AFG	F6	3-3/8"	0.85,1.00 X 70°A	—	AF90YY	100	—	S-10 / B-2	7-5/8"	
FLF085D36D	AFG	F4	3-3/8"	0.65,0.75 X 70°A	—	AF90WP	100	—	S-6 / B-0	7-5/8"	
FLR085D36(C, D)	AFG	F4	3-3/8"	0.65,0.75 X 70°A	—	AF90WP	100	—	S-5 / B-0	5-1/2"	
FLR110D48(C, D)	AFG	F6	3-3/8"	0.85,1.00 X 70°A	—	AF90YY	100	—	S-8 / B-0	5-1/2"	
FLR140D60(C, D)	AFG	F6	3-3/8"	1.10,1.25 X 70°A	—	AF90YY	100	—	S-6 / B-0	5-1/2"	
FUS150D60B	AFG	F12	2-3/4"	1.35 X 70°H	—	AF67XOFS	100	B2007	—	—	1
FUS175D60A	AFG	F12	2-3/4"	1.50 X 70°H	—	AF67XOFS	100	B2007	—	—	1
FUS200D60B	AFG	F12	2-3/4"	1.75 X 70°H	—	AF67XOFS	100	B2007	—	—	1
SOF075D36A	AFG	F3	2-3/4"	0.50 X 70°H	—	AF72XN	100	B2007	—	—	
SOF100D36A	AFG	F3	2-3/4"	0.75 X 70°H	—	AF72XN	100	B2007	—	—	
SOF120D48A	AFG	F3	2-3/4"	0.85 X 70°H	—	AF72XN	100	B2007	—	—	
SOF140D60A	AFG	F3	2-3/4"	1.10 X 70°H	—	AF72XN	100	B2007	—	—	
SOF175D60A	AFG	F12	2-3/4"	1.35 X 70°H	—	AF72XO	100	B2007	—	—	
SOF265B90A	AFG	F31	NONE	2.00 X 70°H	—	AF72XSSS	100	B2007	—	—	27
OC125D36A	AR	R4	2-3/4"	1.00 X 80°S	—	AR53XZ	100	B3001	—	—	23
OC125D36A	AR	R4	2-3/4"	1.10 X 80°S	—	AR53XZ	100	B3001	—	—	23
OC95D36A	AR	R4	2-3/4"	0.75 X 80°S	—	AR53XZ	100	B3001	—	—	23
OC95D36A	AR	R4	2-3/4"	0.85 X 80°S	—	AR53XZ	100	B3001	—	—	23
OH125B48A	AR	R4	2-3/4"	1.00 X 80°S	—	AR53XZ	100	B3001	—	—	23
OH125B48A	AR	R4	2-3/4"	1.10 X 80°S	—	AR53XZ	100	B3001	—	—	23
OH95D36A	AR	R4	2-3/4"	0.85 X 80°S	—	AR53XZ	100	B3001	—	—	23
OH95D36A	AR	R4	2-3/4"	0.75 X 80°S	—	AR53XZ	100	B3001	—	—	23
OL125B48A	AR	R4	2-3/4"	1.10 X 80°S	—	AR53XZ	100	B3001	—	—	23
OL125B48A	AR	R4	2-3/4"	1.00 X 80°S	—	AR53XZ	100	B3001	—	—	23
OL95B36A	AR	R4	2-3/4"	0.75 X 80°S	—	AR53XZ	100	B3001	—	—	23

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Bard Manufacturing (cont'd)</b>											
0L95B36A	AR	R4	2-3/4"	0.85 X 80°S	—	AR53XZ	100	B3001	—	—	23
0S125D48A	AR	R4	2-3/4"	1.10 X 80°S	—	AR53XZ	100	B3001	—	—	23
0S95D36A	AR	R4	2-3/4"	0.75 X 80°S	—	AR53XZ	100	B3001	—	—	23
0S95D36A	AR	R4	2-3/4"	0.85 X 80°S	—	AR53XZ	100	B3001	—	—	23
FLF 110	NX	9-slot	—	0.85 X 60°B	—	NX84LBHS	150	B8001	3.75	7-1/2"	55
FLF 075	NX	9-slot	—	0.50 X 60°B	32229	NX84LBHS	175	B8001	2.5	7-1/2"	55
FLR 100	NX	9-slot	—	0.75 X 60°B	—	NX64LBHS	150	B8001	3.25	5-3/4"	55
FLR 110	NX	9-slot	—	0.85 X 60°B	—	NX64LBHS	150	B8001	3.75	5-3/4"	55
FLR 075	NX	9-slot	—	0.50 X 60°B (H)	32229	NX64LBHS	175	B8001	2.5	5-3/4"	55
0H225B96A	SF	F220	2-3/4"	2.00 X 70°B	—	SF53FY	100	B711	—	—	
0H275B108A	SF	F220	2-3/4"	2.50 X 60°B	—	SF53FY	100	B711	—	—	
0H350B120A	SF	F310	NONE	3.00 X 70°B	—	SF53FT	100	B711	—	—	
0H450B144A	SF	F310	NONE	4.00 X 60°B	—	SF53FT	100	B711	—	—	
(1) "FS" on air tube combination = fiber heat shield on combustion head.											
(23) R4 Head has a 1" "Z" dimension.											
(27) Requires Stainless Steel air tube.											
(55) Burner equipped with P.N. 32246 Heat Shield.											
<b>BDP</b>											
388E-048085	AFG	F3H	3-3/8"	0.75 X 70°A	5880	AF47YTSS	100	B2007	—	—	27
388E-048100	AFG	F3H	3-3/8"	0.90 X 70°A	5880	AF47YTSS	100	B2007	—	—	27
388E-048125	AFG	F6H	2-3/4"	1.10 X 70°A	5880	AF67JPSS	100	B2007	—	—	27
388E-048150	AFG	F6H	2-3/4"	1.35 X 70°A	—	AF67JPSS	100	B2007	—	—	27
388E-060125	AFG	F6H	2-3/4"	1.10 X 70°A	5880	AF67JPSS	100	B2007	—	—	27
388E-060150	AFG	F6H	2-3/4"	1.35 X 70°A	—	AF67JPSS	100	B2007	—	—	27
390C-036055	AFG	D1	3-3/8"	0.50 X 80°B	5880	AF47JSSS	100	B2007	—	—	7, 27
390C-048085	AFG	F3H	3-3/8"	0.75 X 70°A	5880	AF47YTSS	100	B2007	—	—	27
390C-048100	AFG	F3H	3-3/8"	0.90 X 70°A	5880	AF47YTSS	100	B2007	—	—	27
390C-048125	AFG	F6H	2-3/4"	1.10 X 70°A	5880	AF67JPSS	100	B2007	—	—	27
390C-060125	AFG	F6H	2-3/4"	1.10 X 70°A	5880	AF67JPSS	100	B2007	—	—	27
391D-048085	AFG	F3H	3-3/8"	0.75 X 70°A	5880	AF47YTSS	100	B2007	—	—	27
391D-048100	AFG	F3H	3-3/8"	0.90 X 70°A	5880	AF47YTSS	100	B2007	—	—	27
391D-048125	AFG	F6H	2-3/4"	1.10 X 70°A	5880	AF67JPSS	100	B2007	—	—	27
391D-060100	AFG	F3H	3-3/8"	0.90 X 70°A	5880	AF47YTSS	100	B2007	—	—	27
391D-060125	AFG	F6H	2-3/4"	1.10 X 70°A	5880	AF67JPSS	100	B2007	—	—	27
392E-048100	AFG	F3H	3-3/8"	0.90 X 70°A	5880	AF47YTSS	100	B2007	—	—	27
392E-048125	AFG	F6H	2-3/4"	1.10 X 70°A	5880	AF67JPSS	100	B2007	—	—	27
392E-048150	AFG	F6H	2-3/4"	1.35 X 70°A	—	AF67JPSS	100	B2007	—	—	27
392E-060125	AFG	F6H	2-3/4"	1.10 X 70°A	5880	AF67JPSS	100	B2007	—	—	27
392E-060150	AFG	F6H	2-3/4"	1.35 X 70°A	—	AF67JPSS	100	B2007	—	—	27
(7) D1 head requires 7/8" "Z" dimension.											
(27) Requires Stainless Steel air tube.											
<b>Benjamin Htg. Products</b>											
OB-1000	AFG	L1	3-3/8"	0.65 X 60°B	—	AFG50MB	140	B2007	S-10 / B-1	3-1/4"	
OB-1000	AFG	L1	3-3/8"	0.85 X 60°B	—	AFG50MB	140	B2007	S-10 / B-1	3-1/4"	
OB-1000	AFG	L1	3-3/8"	0.75 X 60°B	—	AFG50MB	140	B2007	S-7 / B-1	3-1/4"	
OB-1000	AFG	V1-2	2-3/4"	1.25 X 60°B	—	AFG50MD	150	B2007	S-10 / B-3	3-1/4"	
OB-1000	AFG	V1-0	2-3/4"	1.10 X 60°B	—	AFG50MD	140	B2007	S-10 / B-2	3-1/4"	

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Benjamin Htg. Products (cont'd)</b>											
OB1000-B120	AFII 150	AF2-9	# 0	0.85 X 60°B	—	HLX50HC	140	B7203	6	2-3/4"	
OB1000-B150	AFII 150	AF2-9	# 5	1.00 X 60°B	—	HLX50HC	140	B7203	4	2-3/4"	
OB1000-B180	AFII 150	AF2-9	# 8	1.25 X 70°B	—	HLX50HC	140	B7203	5	2-3/4"	
OB1000-B105	AFII 85	AF2-6	# 5	0.75 X 70°A	—	HLX50HD	140	B7703	8	2-3/4"	
OB1000-B90	AFII 85	AF2-6	# 4	0.65 X 70°A	—	HLX50HD	140	B7703	7	2-3/4"	
OB-2000	SMG	SV1-0	—	1.35 X 60°B	—	SMG80NR	170	B1406	—	3-1/4"	
OB-2000	SMG	SV1-2.5	—	2.25 X 60°B	—	SMG80NR	150	B1406	S-4 / B-0	3-1/4"	
OB-2000	SMG	SV1-2	—	2.25 X 60°B	—	SMG80NR	125	B1406	S-5 / B-0	3-1/4"	
OB-2000	SMG	SV1-1	—	1.65 X 60°ES	—	SMG80NR	150	B1406	—	3-1/4"	
OB-2000	SMG	SV1-0	—	1.35 X 60°B	—	SMG80NR	150	B1406	—	3-1/4"	
OB-2000	SMG	SV1-2	—	2.25 X 45°P	—	SMG80NR	125	B1406	—	3-1/4"	
OB-2000	SMG	SV1-1	—	1.65 X 45°ES	—	SMG80NR	150	B1406	—	3-1/4"	
OB-2000	SMG	SV1-0	—	1.35 X 45°B	—	SMG80NR	170	B1406	—	3-1/4"	
OB-2000	SMG	SV1-0	—	1.35 X 45°B	—	SMG80NR	150	B1406	—	3-1/4"	
OB-2000	SMG	SV1-1.5	—	2.00 X 60°B (H)	—	SMG80NR	130	B1406	—	3-1/4"	31
OB-2000	SMG	SV1-2	—	2.25 X 45°P	—	SMG80NR	150	B1406	S-8 / B-0	3-1/4"	
OB-2000	SMG	SV1-1.5	—	2.00 X 45°B (H)	—	SMG80NR	130	B1406	—	3-1/4"	31
<i>(31) The (H) in the Nozzle Description denotes a Hago.</i>											
<b>Biasi / Neca / Vega / QHT</b>											
B10/3	AFG	L2	3-3/8"	0.50 X 60°B	5880	AFG70MQASN	180	B2007	S-8 / B-0	2-3/4"	9, 16
B10/4	AFG	L2	3-3/8"	0.75 X 60°B	—	AFG70MQASN	150	B2007	S-10 / B-0	2-3/4"	9, 16
B10/5	AFG	V1-0	2-3/4"	0.75 X 60°B	—	AFG90MDASN	175	B2007	S-7 / B-0	6"	9
B10/6	AFG	V1-0	2-3/4"	1.10 X 60°B	—	AFG70MDASN	125	B2007	S-10 / B-1	3-1/2"	9
B10/7	AFG	V1-2	2-3/4"	1.35 X 60°B	—	AFG70MDASN	125	B2007	S-10 / B-3	3-1/2"	9
G/B10	AFG	V1-1	2-3/4"	1.25 X 45°B	—	AFG50MD	140	B2007	S-7 / B-0	2-3/4"	
G/B4	AFG	L1	3-3/8"	0.80 X 60°A	—	AFG50MB	100	B2007	S-8 / B-0	2-3/4"	
G/B4	AFG	L1	3-3/8"	0.65 X 60°B	—	AFG70MB	140	B2007	S-7 / B-0	2-3/4"	
G/B5	AFG	L1	3-3/8"	0.85 X 60°B	—	AFG70MB	140	B2007	S-8 / B-0	2-3/4"	
G/B6	AFG	V1-1	2-3/4"	1.00 X 60°B	—	AFG70MD	140	B2007	S-8 / B-0	2-3/4"	
G/B6	AFG	V1-0	2-3/4"	1.10 X 60°B	—	AFG50MD	140	B2007	S-10 / B-5	2-3/4"	
G/B7	AFG	V1-1	2-3/4"	1.25 X 60°B	—	AFG70MD	140	B2007	S-10 / B-5	2-3/4"	
Neca M 4	AFG	L1	3-3/8"	0.60 X 60°B	—	AFG70MB	140	B2007	S-7 / B-0	—	
Neca M 5	AFG	L1	3-3/8"	0.75 X 60°B	—	AFG70MB	140	B2007	S-7 / B-0	—	
Neca M 6	AFG	V1-0	2-3/4"	0.85 X 60°B	—	AFG70MD	140	B2007	S-10 / B-5	—	
Neca M 7	AFG	V1-1	2-3/4"	1.10 X 60°B	—	AFG70MD	140	B2007	S-10 / B-5	—	
Neca MA 6	AFG	V1-1	2-3/4"	1.10 X 60°B	—	AFG70MD	140	B2007	S-10 / B-5	—	
Neca MA 7	AFG	V1-3	2-3/4"	1.50 X 60°B	—	AFG70MD	140	B2007	S-10 / B-5	—	
Neca MA 8	AFG	V1-3	2-3/4"	1.75 X 60°B	—	AFG70MD	140	B2007	S-10 / B-5	—	
G/B4	AFII 150	AF2-9	# 3	0.75 X 60°A	—	HLX50HD	150	B7203	4	2-3/4"	
G/B4	AFII 150	AF2-9	# 3	0.65 X 60°A	—	HLX50HD	160	B7203	4	2-3/4"	
G/B4-D.V.	AFII 150	AF2-6	# 3	0.65 X 60°A	—	HLX50HD	160	B7210	3	2-3/4"	3
G/B5	AFII 150	AF2-6	# 4	0.85 X 45°B	—	HLX50HB	140	B7203	3	2-3/4"	
G/B5	AFII 150	AF2-6	# 4	0.85 X 45°B	—	HLX50HB	170	B7203	3	2-3/4"	
G/B5-D.V.	AFII 150	AF2-6	# 4	0.85 X 60°B	—	HLX50HB	140	B7210	4	2-3/4"	3
G/B6	AFII 150	AF2-9	# 5	1.00 X 60°B	—	HLX50HC	160	B7203	4	2-3/4"	
G/B6	AFII 150	AF2-9	# 8	1.10 X 60°B	—	HLX50HC	160	B7203	4	2-3/4"	
G/B6-D.V.	AFII 150	AF2-9	# 5	1.00 X 60°B	—	HLX50HC	160	B7210	6	2-3/4"	3
SG35	AFII 150	AF2-9	# 2	0.85 X 60°B	—	HLX70HC	140	B7203	5	5"	

Appliance Model	Basic Burner Setup Information							Additional Information			Notes	
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth		
<b>Biasi / Neca / Vega / QHT (cont'd)</b>												
SG35-D.V.	AFII 150	AF2-9	# 2	0.85 X 60°B	—	HLX70HC	140	B7210	5	5"	3	
SG46	AFII 150	AF2-6	# 7	1.00 X 60°B	—	HLX70HD	160	B7203	5	5"		
SG46-D.V.	AFII 150	AF2-6	# 7	1.00 X 60°B	—	HLX70HD	160	B7210	5	5"	3	
B406	CF375	SL1-0	—	1.75 X 60°ES	—	CF56KZ	140	BCF3907	S-9 / B-0	4-1/2"		
B407	CF500	V1-2	—	2.25 X 60°B	—	CF60KK	140	BCF809	S-3 / B-1	4-1/2"		
B408	CF500	V1-2	—	2.75 X 45°P	—	CF60KK	140	BCF809	S-7 / B-0	4-1/2"		
B409	CF500	V1-4	—	3.00 X 30°P	—	CF60KK	150	BCF809	S-10 / B-0	4-1/2"		
B410	CF800	KH-1	—	3.50 X 30°P	—	CF60KH	150	BCF403	S-7 / B-0	4-1/2"		
B411	CF800	KH-2	—	4.00 X 45°B	—	CF60KH	140	BCF403	S-8 / B-0	4-1/2"		
B412	CF800	KHS-2	—	4.50 X 45°B	—	CF60KHS	140	BCF403	S-10 / B-2	4-1/2"		
B10/3	NX	6-slot	—	0.50 X 60°A	32229	NX70LC	180	B8001	0.75	3-1/2"	15	
B10/3-DV	NX	6-slot	—	0.50 X 60°A	32229	NX70LC	180	B8001	1.25	3-1/2"	3, 15	
B10/4	NX	9-slot	—	0.65 X 60°B	32229	NX90LB	180	B8001	2.75	6"	40	
B10/4-DV	NX	9-slot	—	0.65 X 60°B	32229	NX90LB	180	B8001	3	6"	3, 40	
B10/5	NX	9-slot	—	0.75 X 60°B	32229	NX90LB	180	B8001	3.75	6"	40	
B10/5-DV	NX	9-slot	—	0.75 X 60°B	32229	NX90LB	180	B8001	4	6"	3, 40	
B10/6	NX	9-slot	—	0.90 X 60°W	—	NX90LB	180	B8001	3.75	6"	40	
B10/6-DV	NX	9-slot	—	0.90 X 60°W	—	NX90LB	180	B8001	4.25	6"	3, 40	
SG2	NX	6-slot	—	0.50 X 60°A	32229	NX70LC	170	B8001	1.25	3-1/2"	15	
SG2-DV	NX	6-slot	—	0.50 X 60°A	32229	NX70LC	180	B8001	1.50	3-1/2"	3, 15	
SG3	NX	9-slot	—	0.75 X 60°B	—	NX90LB	180	B8001	2.50	6"	40	
SG3-DV	NX	9-slot	—	0.75 X 45°B (H)	—	NX90LB	180	B8001	3.50	6"	3,31,40	
SG4	NX	9-slot	—	1.00 X 60°B (H)	—	NX90LB	170	B8001	4.50	6"	31, 40	
SG4-DV	NX	9-slot	—	1.00 X 60°B (H)	—	NX90LB	170	B8001	4.50	6"	3,31,40	
G/B7	SMG	SV1-0	—	1.10 X 45°B (H)	—	SMG60NR	185	B1406	S-4 / B-0	2-3/4"	31	
G/B8	SMG	SV1-0	—	1.35 X 45°B	—	SMG82NR	185	B1406	S-4 / B-0	3"		
G/B9	SMG	SV1-1	—	1.50 X 45°B	—	SMG82NR	185	B1406	S-4 / B-0	3"		
<i>(3) Pre/post-purge control must be used.</i>												
<i>(9) Electrode settings of 1/4" above center of nozzle, 1/8" in front of nozzle and gap 5/32".</i>												
<i>(15) Must maintain 6° downward pitch on air tube/flange.</i>												
<i>(16) With conic shroud, "Z" dimension is 1-3/4".</i>												
<i>(31) The (H) in the Nozzle Description denotes a Hago.</i>												
<i>(40) Must maintain 0° downward pitch on air tube/flange.</i>												
<b>Bock Water Heater</b>												
120E	AF	F3	3-3/8"	1.00 X 80°A	—	AF56YH	100	B3001	S-3 / B-3	5-1/8"	24	
32E	AF	F3	3-3/8"	0.75 X 80°A	—	AF56YH	100	B3001	S-7 / B-0	5-1/8"	24	
32PP	AF	F3	3-3/8"	0.75 X 80°A	—	AF56YH	100	B3001	S-7 / B-0	5-1/8"	24	
33E	AF	F3	3-3/8"	0.75 X 80°A	—	AF56YH	100	B3001	S-7 / B-0	5-1/8"	24	
40E	AF	F3	3-3/8"	0.85 X 80°A	—	AF56YH	100	B3001	S-5 / B-3	5-1/8"	24	
50ES	AF	F3	3-3/8"	1.00 X 80°A	—	AF56YH	100	B3001	S-3 / B-3	5-1/8"	24	
51E	AF	F3	3-3/8"	1.00 X 80°A	—	AF56YH	100	B3001	S-3 / B-3	5-1/8"	24	
51PP	AF	F3	3-3/8"	1.00 X 80°A	—	AF56YH	100	B3001	S-3 / B-3	5-1/8"	24	
71E	AF	F6	3-3/8"R	1.25 X 80°B	—	AF56WN	100	B3001	S-5 / B-5	5-1/8"	24	
<i>(24) Burner must be factory assembled complete with dual boiler temperature controls.</i>												
<b>Borg-Warner</b>												
P3CFD16F08501A	AFG	F3H	3-3/8"	0.75 X 70°A	5880	AF47YTSS	100	B2007	S-7 / B-0	4-7/8"	27	
P3CFD16F10001A	AFG	F3H	3-3/8"	0.90 X 70°A	5880	AF47YTSS	100	B2007	S-8 / B-0	4-7/8"	27	
P3CFD16F12501A	AFG	F6H	2-3/4"	1.10 X 70°A	5880	AF67JPSS	100	B2007	S-8 / B-0	6-7/8"	27	
P3HFB15F15001A	AFG	F6H	2-3/4"	1.35 X 70°A	—	AF67JPSS	100	B2007	S-10 / B-1	6-7/8"	27	
P3HFB17F12501A	AFG	F6H	2-3/4"	1.10 X 70°A	5880	AF67JPSS	100	B2007	S-8 / B-0	6-7/8"	27	

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Borg-Warner (cont'd)</b>											
P3HFD17F08501A	AFG	F3H	3-3/8"	0.75 X 70°A	5880	AF47YTSS	100	B2007	S-7 / B-0	4-7/8"	27
P3HFD17F10001A	AFG	F3H	3-3/8"	0.90 X 70°A	5880	AF47YTSS	100	B2007	S-8 / B-0	4-7/8"	27
P3LFB17F12501A	AFG	F6H	2-3/4"	1.10 X 70°A	5880	AF67JPSS	100	B2007	S-8 / B-0	6-7/8"	27
P3LFB17F15001A	AFG	F6H	2-3/4"	1.35 X 70°A	—	AF67JPSS	100	B2007	S-10 / B-1	6-7/8"	27
P3LFB20F15001A	AFG	F6H	2-3/4"	1.35 X 70°A	—	AF67JPSS	100	B2007	S-10 / B-1	6-7/8"	27
P3LFD12F08501A	AFG	F3H	3-3/8"	0.75 X 70°A	5880	AF47YTSS	100	B2007	S-7 / B-0	4-7/8"	27
P3LFD16F10001A	AFG	F3H	3-3/8"	0.90 X 70°A	5880	AF47YTSS	100	B2007	S-8 / B-0	4-7/8"	27
P3UFD12F05501A	AFG	D1	3-3/8"	0.50 X 80°B	5880	AF47JSSS	100	B2007	S-2 / B-0	4-7/8"	7, 27
P3UFD16F10001A	AFG	F3H	3-3/8"	0.90 X 70°A	5880	AF47YTSS	100	B2007	S-8 / B-0	4-7/8"	27
P3UFD16F12501A	AFG	F6H	2-3/4"	1.10 X 70°A	5880	AF67JPSS	100	B2007	S-8 / B-0	6-7/8"	27
P3UFD17F08501A	AFG	F3H	3-3/8"	0.75 X 70°A	5880	AF47YTSS	100	B2007	S-7 / B-0	4-7/8"	27
P3UFD20F12501A	AFG	F6H	2-3/4"	1.10 X 70°A	5880	AF67JPSS	100	B2007	S-8 / B-0	6-7/8"	27
<i>(7) D1 head requires 7/8" "Z" dimension.</i>											
<i>(27) Requires Stainless Steel air tube.</i>											
<b>Boyertown Furnace / Hallmark / Regal</b>											
HB112	AF	F3	2-3/4"	0.85 X 80°A	—	AF65XN	100	B3001	—	5-1/4"	
HB140	AF	F3	2-3/4"	1.10 X 80°A	—	AF65XN	100	B3001	—	—	
HB168	AF	F6	2-3/4"	1.35 X 80°A	—	AF65YB	100	B3001	—	—	
HB84	AF	F3	2-3/4"	0.75 X 80°A	—	AF65XN	100	B3001	—	—	
HB95	AF	F3	3-1/2"	0.85 X 80°B	—	AF65WR	100	B3001	—	—	
HBD112C	AF	F3	2-3/4"	0.85 X 80°A	—	AF65XN	100	B3001	—	—	
HBD84C	AF	F3	2-3/4"	0.75 X 80°A	—	AF65XN	100	B3001	—	—	
HS112	AF	F4	2-3/4"	0.75 X 80°A	—	AF65WH	140	B3001	S-4 / B-0	5-1/4"	
HS140	AF	F6	2-3/4"	0.90 X 80°A	—	AF65YB	140	B3001	S-7 / B-0	5-1/4"	
HS84	AF	F4	2-3/4"	0.65 X 80°A	5880	AF65WH	140	B3001	S-6 / B-0	5-1/4"	
HSD112C	AF	F4	2-3/4"	0.75 X 80°A	—	AF65WH	140	B3001	S-4 / B-0	5-1/4"	
HSD140C	AF	F6	2-3/4"	0.90 X 80°A	—	AF65YB	140	B3001	S-7 / B-0	5-1/4"	
HSD84C	AF	F4	2-3/4"	0.65 X 80°A	5880	AF65WH	140	B3001	S-6 / B-0	5-1/4"	
HSLD112	AF	F4	2-3/4"	0.75 X 80°A	—	AF65WH	140	B3001	S-4 / B-0	—	
HSLD140	AF	F6	2-3/4"	0.90 X 80°A	—	AF65YB	140	B3001	S-7 / B-0	—	
HSLD84	AF	F4	2-3/4"	0.65 X 80°A	5880	AF65WH	140	B3001	S-6 / B-0	—	
LB112	AF	F3	2-3/4"	0.85 X 80°A	—	AF65XN	100	B3001	—	—	
LB140	AF	F3	2-3/4"	1.25 X 80°A	—	AF90XN	100	B3001	—	—	
LB168	AF	F6	2-3/4"	1.35 X 80°A	—	AF65YB	100	B3001	—	—	
LB84	AF	F3	2-3/4"	0.75 X 80°A	—	AF65XN	100	B3001	—	—	
LB95	AF	F3	3-1/2"	0.85 X 80°B	—	AF65WR	100	B3001	—	—	
LBD112C	AF	F3	2-3/4"	0.85 X 80°A	—	AF65XN	100	B3001	—	—	
LBD84C	AF	F3	2-3/4"	0.75 X 80°A	—	AF65XN	100	B3001	—	—	
CF85	AFG	F3	3-3/8"	0.65 X 80°A	5880	AF90YH	140	B2007	S-7 / B-0	5-5/8"	
COX225	AFG	F12	2-3/4"	1.65 X 70°B	—	AF90XO	140	B2007	—	—	
COX300	AFG	F220	2-3/4"	2.00 X 70°A	—	AF90YD	140	B2007	—	—	
COX400	CF375	SL1-5	—	3.00 X 70°P	—	CF100KZ	140	—	S-10 / B-6	—	
HB115	AFG	F4	3-3/8"	0.85 X 80°A	5880	AF90WP	140	B2007	S-8 / B-0	5-5/8"	
HB125	AFG	F6	2-3/4"	1.10 X 70°A	5880	AF67YBHS	100	B2007	—	—	2
HB145	AFG	F6	2-3/4"	0.90 X 80°A	—	AF90YB	175	B2007	S-10 / B-0	5-5/8"	
HB160	AFG	F6	2-3/4"	1.00 X 80°A	—	AF90YB	175	B2007	S-10 / B-0	5-5/8"	
HB85	AFG	F3	3-3/8"	0.65 X 70°A	5880	AF90YH	140	B2007	S-5 / B-0	5-5/8"	
LB115	AFG	F4	3-3/8"	0.85 X 80°A	5880	AF90WP	100	B2007	S-8 / B-0	5-5/8"	
LB125	AFG	F6	2-3/4"	1.10 X 70°A	5880	AF67YBHS	100	B2007	—	—	2
LB145	AFG	F6	2-3/4"	0.90 X 80°A	—	AF90YB	175	B2007	S-10 / B-0	5-5/8"	
LB160	AFG	F6	2-3/4"	1.00 X 80°A	—	AF90YB	175	B2007	S-10 / B-0	5-5/8"	



Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Boyertown Furnace / Hallmark / Regal (cont'd)</b>											
LB85	AFG	F3	3-3/8"	0.65 X 80°A	5880	AF90YH	140	B2007	S-7 / B-0	5-5/8"	2
REGAL 1250	AFG	F6	2-3/4"	1.25 X 80°B	—	AF90YBHSSS	100	B2007	S-9 / B-0	7-3/4"	2, 27
REGAL 600	AFG	F3	3-3/8"	0.60 X 80°B	—	AF65YHHSSS	100	B2007	S-4 / B-0	5-1/4"	2, 27
REGAL 850	AFG	F3	3-3/8"	0.85 X 80°B	—	AF65YHHSSS	100	B2007	S-9 / B-0	5-1/2"	2, 27
REGAL 1000	AFG	F6	2-3/4"	1.00 X 80°B	—	AF90YBHSSS	100	B2008	S-5 / B-0	7-3/4"	2, 27
REGAL 750	AFG	F3	3-3/8"	0.75 X 80°B	5880	AF65YHHSSS	100	B2008	S-7 / B-0	5-1/2"	2, 27
RSH 500	AFG	L2	3-3/8"	0.40 X 60°W	5880	AFG90MQSS	175	B2007	S-5 / B-0	4-1/4"	8,10, 16
RSH 600	AFG	L2	3-3/8"	0.50 X 60°B	5880	AFG90MQSS	150	B2007	S-7 / B-0	4-1/4"	8,10, 16
RSH 750	AFG	L2	3-3/8"	0.60 X 60°B	5880	AFG90MQSS	150	B2007	S-10 / B-2	4-1/4"	8,10, 16
SOLAIA 3	AFG	L2	3-3/8"	0.60 X 70°B (H)	—	AFG90MQAQ	160	B2007	S-6 / B-0	5-3/4"	31,16, 37
SOLAIA 4	AFG	L2	3-3/8"	0.85 X 60°B (H)	—	AFG90MQAQ	140	B2007	S-10 / B-1	5-3/4"	31,16, 37
SOLAIA 3	NX	6-slot	—	0.60 X 60°B	—	NX90LC	160	—	1.5	4-1/4"	
SOLAIA 4	NX	6-slot	—	0.85 X 60°B	—	NX90LC	140	—	3	4-1/4"	
SOLAIA 5	NX	6-slot	—	1.00 X 60°B	—	NX90LC	150	—	4	4-1/4"	
SOLAIA 6	NX	9-slot	—	1.25 X 45°B	—	NX90LD	140	—	2	4-3/8"	
SOLAIA 7	CF375	V1-1	—	1.35 X 45°B	—	CF65KY	150	BCF3907	S-9 / B-0	2"	
(2) "HS" on air tube combination = ceramic heat shield on combustion head.											
(8) 2-slot air band 31840BK required.											
(10) 3-slot air shutter #32211.											
(16) With conic shroud, "Z" dimension is 1-3/4".											
(27) Requires Stainless Steel air tube.											
(31) The (H) in the Nozzle Description denotes a Hago.											
(37) AQ in ATC designates 16-slot venturi.											
<b>Bradford White</b>											
30 OFB	AF	F0	3-3/8"	0.60 X 70°B	—	AF72XM	100	B3001	—	—	
32 OFB	AF	F0	3-3/8"	0.65 X 80°B	—	AF60XR	100	B3001	S-7 / B-0	4-7/8"	
50 OFB	AF	F0	3-3/8"	0.75 X 80°A	—	AF65XR	100	B3001	S-7 / B-0	5-5/8"	
70 OFB	AF	F3	2-3/4"	1.00 X 80°A	—	AF72XN	100	B3001	S-7 / B-0	6-5/8"	
CF100	SF	F22	2-3/4"	3.00 X 80°B	—	SF90VPSS	100	B711	S-8 / B-0	6-3/4"	27, 40
CF100	SF	F22	2-3/4"	2.50 X 80°B	—	SF90VPSS	100	B711	S-8 / B-0	6-3/4"	27, 40
CF80	SF	F31	2-3/4"	3.50 X 80°B	—	SF90FH	100	B711	S-7 / B-0	6-3/4"	
CF32	AFG	F3	3-3/8"	0.65 X 80°B	5880	AF72YH	100	B2007	S-7 / B-0	5-1/2"	40
CF38	AFG	F22	NONE	1.75 X 80°B (H)	—	AF90YF	100	B2007	S-2 / B-5	6-3/4"	31, 40
CF50	AFG	F3	3-3/8"	0.75 X 80°B	5880	AF90YH	100	B2007	S-8 / B-0	7"	40
CF70	AFG	F3	2-3/4"	0.85 X 80°B	5880	AF90XN	100	B2007	S-10 / B-0	7"	40
RF30SX/RF30	AFG	F3	2-3/4"	0.85 X 80°B (H)	5880	AF90XN	100	B2007	S-10 / B-0	7"	31, 40
RF50	AFG	F6	2-3/4"	1.35 X 80°B (H)	—	AF90YB	100	B2007	S-8 / B-1	7-1/2"	31, 40
RF50	AFG	F6	2-3/4"	1.25 X 80°B	—	AF90YB	100	B2007	S-8 / B-0	7-1/2"	40
RF70	AFG	F12	2-3/4"	1.50 X 80°B (H)	—	AF104XO	100	B2007	S-10 / B-1	8-1/2"	31, 40
RF70	AFG	F12	2-3/4"	1.75 X 80°B (H)	—	AF104XO	100	B2007	S-10 / B-2	8-1/2"	31, 40
(27) Requires Stainless Steel air tube.											
(31) The (H) in the Nozzle Description denotes a Hago.											
(40) Must maintain 0° downward pitch on air tube/flange.											
<b>Brock Engineering</b>											
BFM 105	AFG	F3	3-3/8"	0.65 X 70°B	5880	AF53BN	130	B2007	S-8 / B-0	2-7/8"	
BFM 120	AFG	F3	2-3/4"	0.75 X 70°B	5880	AF53XN	130	B2007	S-8 / B-1	2-7/8"	
BFM 140	AFG	F3	2-3/4"	0.85 X 70°B	5880	AF53XN	140	B2007	S-4 / B-4	2-7/8"	
BFM 155	AFG	F3	2-3/4"	0.85 X 70°B	5880	AF53YB	170	B2007	S-8 / B-2	2-7/8"	
BFM 75	AFG	F3	3-3/8"	0.50 X 70°W	5880	AF53BN	160	B2007	S-5 / B-0	2-7/8"	
BFM 90	AFG	F3	3-3/8"	0.55 X 70°B	5880	AF53BN	140	B2007	S-7 / B-0	2-7/8"	
CCC	AFG	F3	2-3/4"	0.75 X 80°W	—	AF65XN	100	B2007	—	—	
CCC	AFG	F3	2-3/4"	1.00 X 80°W	—	AF65XN	100	B2007	—	—	

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Brock Engineering (cont'd)</b>											
CCC	AFG	F3	2-3/4"	0.65 X 80°W	—	AF65XN	100	B2007	—	—	
CCC	AFG	F3	2-3/4"	0.85 X 80°W	—	AF65XN	100	B2007	—	—	
IB-30	AFG	F0	3-3/8"	0.60 X 80°W	—	AF65XR	100	B2007	—	—	
MBT	AFG	F3	2-3/4"	1.00 X 80°W	—	AF65XN	100	B2007	—	—	
MBT	AFG	F3	2-3/4"	0.85 X 80°W	—	AF65XN	100	B2007	—	—	
MBT	AFG	F3	2-3/4"	0.75 X 80°W	—	AF65XN	100	B2007	—	—	
MBT	AFG	F3	2-3/4"	0.65 X 80°W	—	AF65XN	100	B2007	—	—	
BDHF/BMF/											
BHZF/BLF	AFII 85	HLX6	# 3	0.50 X 60° W	—	HLX70HD	155	B7711	3	4 -15/16"	
MBU	SR	F3	3-3/8"	0.85 X 70°AH	—	SR65ROSS	100	B1025	—	5-7/8"	27
MBU	SR	F3	3-3/8"	0.75 X 70°AH	—	SR65ROSS	100	B1025	—	5-7/8"	27
MBU	SR	F3	3-3/8"	0.65 X 70°AH	—	SR65ROSS	100	B1025	—	5-7/8"	27
<i>(27) Requires Stainless Steel air tube.</i>											
<b>Bryan Steam Corp.</b>											
D250	AF	F12	2-3/4"	1.50 X 80°B	—	AF44XO	100	B3001	—	—	
D350	AF	F22	2-3/4"	2.00 X 80°A	—	AF44XP	100	B3001	—	—	
250	CF375	SL1-1	—	1.50 X 60°ES	—	CF56KZ	140	BCF3907	S-10 / B-1	5"	
350	CF375	SL1-3	—	2.00 X 60°P	—	CF56KZ	190	BCF3907	S-10 / B-2	5"	
450	CF500	V1-4	—	2.50 X 45°P	—	CF100KK	150	BCF809	S-4 / B-0	5"	
650	CF800	KH-3	—	4.00 X 60°B	—	CF100KH	140	BCF403	S-7 / B-0	5-1/2"	
850	CF800	KJ-2	—	5.00 X 45°B	—	CF100KJ	150	BCF403	S-7 / B-0	5-1/2"	
D450	SF	F22	NONE	2.50 X 80°A	—	SF90NH	100	B711	—	—	
D650	SF	F310	NONE	4.00 X 80°A	—	SF90FT	100	B711	—	—	
<b>Bryant</b>											
361AAN036075	AFG	F3	3-3/8"	0.50 X 70°H	5880	AF47YHFS	100	B2007	—	—	1
361AAN036105	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2007	—	—	1
361AAN048125	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2007	—	—	1
361AAN060155	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2007	—	—	1
362AAN036075	AFG	F3	3-3/8"	0.50 X 80°S	5880	AF47YHFS	100	B2007	—	—	1
362AAN036105	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2007	—	—	1
362AAN048125	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2007	—	—	1
362AAN060155	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2007	—	—	1
367AAN105	AFG	F3	3-3/8"R	0.65 X 70°B	—	AF53BN	130	B2007	S-8 / B-0	2-7/8"	
367AAN120	AFG	F3	2-3/4"	0.75 X 70°B	—	AF53XN	130	B2007	S-8 / B-1	2-7/8"	
369AAN105	AFG	F3	3-3/8"R	0.65 X 70°B	—	AF53BN	130	B2007	S-8 / B-0	2-7/8"	
369AAN120	AFG	F3	2-3/4"	0.75 X 70°B	—	AF53XN	130	B2007	S-8 / B-1	2-7/8"	
OBM/OVM098	AFG	L2	3-3/8"	0.50 X 60°A	5880	AFG70MQSS	150	B2007	S-6 / B-0	1-3/4"	
OBM/OVM112	AFG	L2	3-3/8"	0.60 X 60°W	5880	AFG70MQSS	140	B2007	S-10 / B-0	1-3/4"	
OBM/OVM	NX	6-slot	—	0.60 X 60°A	—	NZ56LQ	135	B8001	2.5	1-3/4"	40
OBM/OVM	NX	6-slot	—	0.40 X 60°A	32229	NX56LQ	155	B8001	2	1-3/4"	40
OBM/OVM	NX	6-slot	—	0.50 X 60°W	32229	NX56LQ	145	B8001	2.75	1-3/4"	40
OBM/OVM154	NX	6-slot	—	0.75 X 60°B	—	NX50LC	160	B8001	2.5	1-3/4"	40
<i>(1) "FS" on air tube combination = fiber heat shield on combustion head.</i>											
<i>(40) Must maintain 0° downward pitch on air tube/flange.</i>											
<b>Buderus</b>											
G-115-3 (21)	AFG	L2	2-3/4"	0.50 X 45°B (H)	5880	AFG90MPASN	150	B2007	S-9 / B-0	6-1/4"	9,16,31
G-115-4 (28)	AFG	L2	2-3/4"	0.65 X 60°B (H)	—	AFG90MPASN	150	B2007	S-8 / B-0	6-1/4"	9,16,31
G-115-5 (34)	AFG	L2	2-3/4"	0.85 X 60°B (H)	—	AFG90MPASN	140	B2007	S-10 / B-3	6-1/4"	9,16,31
G115-5 (34)	AFII 150	AF2-9	# 2	0.85 X 60°B	—	HLX50HC	145	B7203	4	3"	40
G115-5 (34)	AFII 150	AF2-9	# 2	0.85 X 45°B	—	HLX50HC	175	B7203	—	3"	40

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Buderus (cont'd)</b>											
G-215-3	AFG	V1-0	NONE	0.90 X 45°ES	—	AFG50ML	170	B2007	S-8 / B-0	3-1/2"	40
G-215-4	AFG	V1-2	NONE	1.10 X 45°ES	—	AFG50ML	175	B2007	S-8 / B-2	3-1/2"	40
G-215-5	CF375	V1-2	—	1.35 X 45°ES	—	CF56KY	170	BCF3907	S-8 / B-1	3-1/2"	40
G-215-6	CF375	SL1-1	—	1.75 X 45°ES	—	CF56KZ	140	BCF3907	S-7 / B-2	3-1/2"	40
G-215-7	CF375	SL1-3	—	2.00 X 45°P	—	CF56KZ	150	BCF3907	S-9 / B-3	3-1/2"	40
G-115-3 (21)	NX	6-slot	—	0.50 X 60°W	32229	NX70LC	150	B8001	1	4-7/8"	40
G-115-3 (21)	NX	6-slot	—	0.60 X 60°W	32229	NX70LC	150	B8001	2.5	4-7/8"	40
G-115-4 (28)	NX	6-slot	—	0.60 X 60°B	32229	NX70LC	175	B8001	2.5	4-7/8"	40
G-115-4 (28)	NX	6-slot	—	0.75 X 60°B (H)	—	NX70LC	165	B8001	3.5	4-7/8"	40
G-115-5 (34)	NX	9-slot	—	0.75 X 60°B	—	NX70LB	175	B8001	2.25	4-7/8"	40
G-115-5 (34)	NX	9-slot	—	0.85 X 60°W	—	NX70LB	175	B8001	4	4-7/8"	40
105/21	AFII 85	AF2-6	# 3	0.65 X 45°W	—	HLX50HD	140	B7703	4	—	4
115/21	AFII 85	AF2-6	# 3	0.65 X 45°W	—	HLX50HD	140	B7703	4	—	4, 40
105/28	AFII 150	AF2-9	# 0	0.75 X 45°B	—	HLX50HC	140	B7203	3	—	4
115/28	AFII 150	AF2-9	# 0	0.75 X 45°B	—	HLX50HC	140	B7203	3	—	4, 40
205/34	AFII 150	AF2-9	# 1	0.85 X 45°B	—	HLX50HC	140	B7203	4	—	4
205/42	AFII 150	AF2-9	# 3	1.00 X 60°B	—	HLX50HC	140	B7203	5	—	4
205/50	AFII 150	AF2-9	# 8	1.25 X 60°AS	—	HLX50HC	140	B7203	9	—	4
205/58	SMG	SV1-0	—	1.25 X 45°B	—	SMG60NR	150	B1406	S-3 / B-0	3"	
205/66	SMG	SV1-1	—	1.50 X 45°B	—	SMG60NR	140	B1406	S-4 / B-0	3"	4
305/115	SMG	SV1-4	—	2.75 X 45°AS	—	SMG82NR	140	B1406	S-5 / B-0	4"	4
305/80	SMG	SV1-2	—	2.00 X 45°AS	—	SMG82NR	140	B1406	S-5 / B-0	4"	4
305/95	SMG	SV1-3	—	2.25 X 45°AS	—	SMG82NR	150	B1406	S-3 / B-0	4"	
<i>(4) Requires Delay Solenoid Valve.</i>											
<i>(9) Electrode settings of 1/4" above center of nozzle, 1/8" in front of nozzle and gap 5/32".</i>											
<i>(16) With conic shroud, "Z" dimension is 1-3/4".</i>											
<i>(31) The (H) in the Nozzle Description denotes a Hago.</i>											
<i>(40) Must maintain 0° downward pitch on air tube/flange.</i>											
<b>Burnham</b>											
RS109	AF	F3	3-1/2"	0.85 X 80°A	—	AF60ZP	100	B3001	S-6 / B-0	3"	
RS110	AF	F3	3-1/2"	0.90 X 80°A	—	AF60ZP	100	B3001	S-6 / B-0	3"	
RS111, RSM126	AF	F6	3-1/2"	1.10 X 80°A	—	AF60ZG	100	B3001	S-7 / B-0	3"	
RS112	AF	F6	3-1/2"	1.25 X 80°A	—	AF60ZG	100	B3001	S-8 / B-0	3"	
RS113	AF	F12	2-3/4"	1.50 X 80°A	—	AF60XO	100	B3001	S-7 / B-0	3"	
RS115	AF	F12	2-3/4"	1.65 X 80°A	—	AF60XO	100	B3001	S-7 / B-0	3"	
RS116	AF	F22	2-3/4"	2.00 X 80°B	—	AF60XP	100	B3001	S-10 / B-0	3"	
RSM-96	AF	F0	3-1/2"	0.75 X 80°A	—	AF60WG	100	B3001	S-8 / B-0	3"	
C-3	AFG	F3	3-3/8"	0.60 X 80°A	—	AF44YH	140	B2007	S-4 / B-0	1-11/16"	9
C-4	AFG	F3	3-3/8"	1.00 X 80°A	—	AF44YH	140	B2007	S-10 / B-0	1-11/16"	9
LE1	AFG	L1	3-3/8"	0.85 X 60°B (H)	—	AFG50MB	140	B2007	S-10 / B-0	1-1/2"	31
LE1	AFG	L1	3-3/8"	0.50 X 70°B	5880	AFG50MB	140	B2007	S-5 / B-0	1-1/2"	31
LE2	AFG	V1-0	2-3/4"	1.10 X 45°B (H)	5880	AFG50MD	140	B2007	S-10 / B-0	1-1/2"	31
MPO84	AFG	L2	3-3/8"	0.50 X 45°W	5880	AFG70MQASN	150	B2007	S-6 / B-0	2"	9,16,51
MPO84	AFG	L2	3-3/8"	0.50 X 45°W	5880	AFG70MQASN	180	B2007	S-6 / B-0	2"	9,16,52
MPO115	AFG	L2	2-3/4"	0.65 X 45°B	—	AFG70MPASN	150	B2007	S-6 / B-0	2"	9, 51
MPO115	AFG	L2	2-3/4"	0.60 X 45°W	—	AFG70MPASN	180	B2007	S-5 / B-0	2"	9,16,52
MPO147	AFG	L1	3-3/8"	0.85 X 60°B	—	AFG70MMAQN	150	B2007	S-7 / B-1	2"	9,16,51
MPO147	AFG	L1	3-3/8"	0.75 X 60°B	—	AFG70MMAQN	180	B2007	S-9 / B-0	2"	9,16,52
MPO189	AFG	V1-0	NONE	1.10 X 60°B (H)	—	AFG70MLASN	150	B2007	S-7 / B-2	2"	9,16,51
MPO189	AFG	V1-2	NONE	1.00 X 60°B	—	AFG70MLASN	180	B2007	S-7 / B-1	2"	9, 52
MPO231	AFG	V1-3	2-3/4"M	1.35 X 60°B (H)	—	AFG70MKASN	150	B2007	S-7 / B-2	2"	9,31,51
MPO231	AFG	V1-3	2-3/4"M	1.25 X 60°B (H)	—	AFG70MKASN	180	B2007	S-10 / B-3	2"	9,31,52

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Burnham (cont'd)</b>											
MST288	AFG	L1	3-3/8"	0.60 X 60°A	5880	AFG70MMAQN	150	B2007	S-6 / B-1	2"	9, 16
MST396	AFG	L1	3-3/8"	0.85 X 60°B	—	AFG70MMAQN	150	B2007	S-7 / B-1	2"	9,16,51
MST396	AFG	L1	3-3/8"	0.75 X 60°B	—	AFG70MMAQN	180	B2007	S-9 / B-0	2"	9,16,52
MST513	AFG	V1-0	NONE	1.10 X 60°B	—	AFG70MLASN	150	B2007	S-7 / B-2	2"	9, 51
MST513	AFG	V1-2	NONE	1.00 X 60°B	—	AFG70MLASN	180	B2007	S-7 / B-1	2"	9, 52
MST629	AFG	V1-3	2-3/4" M	1.35 X 60°B	—	AFG70MKASN	150	B2007	S-7 / B-2	2"	16
MST629	AFG	V1-3	2-3/4" M	1.25 X 60°B (H)	—	AFG70MKASN	180	B2007	S-10 / B-3	2"	9,31,52
MPO147DV	NX	9-slot	—	0.85 X 60°B (H)	—	NX70LB	150	B8001	2.75	2"	31
MPO189DV	NX	9-slot	—	1.00 X 45°B (H)	—	NX90LD	180	B8001	1.0	3-1/2"	31
MPO231DV	NX	9-slot	—	1.25 X 45°B (H)	—	NX90LD	180	B8001	2.25	3-1/2"	31
OPUS 01-60	AFG	L1	3-3/8"	0.50 X 70°B (H)	—	AFG70MBSSN	140	B2008	S-7 / B-0	2-9/16"	9, 27
OPUS 01-75	AFG	L1	3-3/8"	0.60 X 60°B	—	AFG70MBSSN	140	B2008	S-4 / B-0	2-9/16"	9, 27
OPUS 01-90	AFG	L1	3-3/8"	0.75 X 45°B (H)	—	AFG70MBSSN	140	B2008	S-10 / B-0	2-9/16"	9, 27
OPUS 02-105	AFG	V1-0	2-3/4"	0.90 X 45°B (H)	—	AFG70MDSSN	140	B2008	S-10 / B-0	2-9/16"	9, 27
OPUS 02-125	AFG	V1-0	2-3/4"	1.10 X 45°B (H)	—	AFG70MDSSN	140	B2008	S-10 / B-0	2-9/16"	9, 27
OPUS 02-150	AFG	V1-2	2-3/4"	1.25 X 60°B (H)	—	AFG70MDSSN	140	B2008	S-10 / B-4	2-9/16"	9, 27
OPUS 03-175	AFG	V1-3	NONE	1.50 X 45°B	—	AFG70MLSSN	140	B2008	S-10 / B-5	2-9/16"	9, 27
OPUS 03-200	AFG	V1-4	NONE	1.65 X 45°B (H)	—	AFG70MLSSN	140	B2008	S-10 / B-5	2-9/16"	9, 27
OPUS 03-225	AFG	V1-5	NONE	1.75 X 45°B (H)	—	AFG70MLSSN	140	B2008	S-10 / B-6	2-9/16"	9, 27
RS-A110	AFG	F3	2-3/4"	0.90 X 80°B (H)	—	AF60XN	140	B2007	S-8 / B-0	1-1/2"	31
RS-A125	AFG	F6	3-3/8" R	1.00 X 80°B (H)	—	AF60JZ	140	B2007	S-7 / B-0	1-1/2"	31
RS-A135	AFG	F6	3-3/8" R	1.10 X 80°B (H)	—	AF60JZSS	140	B2007	S-9 / B-0	1-1/2"	27, 31
RS-A85	AFG	F3	3-3/8" R	0.75 X 80°B (H)	5880	AF60BN	140	B2007	S-10 / B-0	1-1/2"	5, 31
RS-AH110	AFG	F3	2-3/4"	0.85 X 80°B (H)	—	AF60XN	140	B2007	S-7 / B-0	1-1/2"	31
RS-AH125	AFG	F6	3-3/8" R	0.90 X 80°B (H)	—	AF60JZ	140	B2007	S-7 / B-0	1-1/2"	31
RS-AH135	AFG	F6	3-3/8" R	1.00 X 80°B (H)	—	AF60JZSS	140	B2007	S-7 / B-0	1-1/2"	27, 31
RS-AH85	AFG	F3	3-3/8" R	0.65 X 80°B (H)	5880	AF60BN	140	B2007	S-6 / B-0	1-1/2"	31
SWD105	AFG	L1	3-3/8"	0.60 X 60°A	—	AFG70MMAQN	150	B2007	S-6 / B-1	2"	8,9,16
V-13	AFG	F3	3-3/8"	0.75 X 80°A	5880	AF72YH	100	B2007	S-6 / B-0	1-3/4"	
V-14	AFG	F3	3-3/8"	1.00 X 80°B	—	AF72YH	100	B2007	S-7 / B-0	1-3/4"	
V-15	AFG	F6	2-3/4"	1.35 X 80°B	—	AF72YB	100	B2007	S-9 / B-0	1-3/4"	
V-16	AFG	F12	2-3/4"	1.65 X 80°B	—	AF72XO	100	B2007	S-10 / B-1	1-3/4"	
V-17	AFG	F12	2-3/4"	1.75 X 80°B	—	AF72XO	100	B2007	S-10 / B-2	1-3/4"	
V-18	AFG	F16	2-3/4"	2.00 X 80°B	—	AF72WF	100	B2007	S-10 / B-1	1-3/4"	
V-172	AFG	F0	3-3/8"	0.60 X 80°A	5880	AF72XR	100	B2007	S-6 / B-0	1-3/4"	
V-196	AFG	F3	3-3/8"	0.85 X 80°A	5880	AF72YH	100	B2007	—	—	
V713	AFG	F3	3-3/8"	0.60 X 80°A	5880	AF44YH	140	B2007	—	—	
V714	AFG	F6	3-3/8"	1.00 X 80°A	5880	AF44YY	140	B2007	—	—	
V-72	AFG	L1	3-3/8"	0.50 X 70°B (H)	5880	AFG70MB	140	B2007	S-7 / B-0	1-11/16"	31
V-73	AFG	F4	3-3/8"	0.85 X 80°B (H)	5880	AF44WP	140	B2007	S-7 / B-1	1-11/16"	5,8,31
V-73WM	AFG	F3	3-5/8"	0.60 X 70°B (H)	5880	AF44WA	140	B2007	S-10 / B-0	1-11/16"	31
V-73WR	AFG	F0	3-5/8"	0.50 X 80°B (H)	5880	AF44YL	140	B2007	S-8 / B-0	1-11/16"	31
V-74	AFG	F4	3-3/8"	1.10 X 80°B (H)	—	AF44WP	140	B2007	S-10 / B-1	1-11/16"	5, 31
V-74WM	AFG	F3	3-3/8"	0.85 X 80°B (H)	5880	AF44YH	140	B2007	S-10 / B-0	1-11/16"	5,31
V-74WR	AFG	F3	3-3/8"	0.75 X 80°B (H)	5880	AF44YH	100	B2007	S-7 / B-0	1-11/16"	5,31
V-75	AFG	F6	3-3/8"	1.35 X 80°B (H)	—	AF44BA	140	B2007	S-10 / B-0	1-11/16"	31
V-76	AFG	F12	2-3/4"	1.50 X 80°B (H)	—	AF44XO	140	B2007	S-10 / B-2	1-11/16"	31
V-77	AFG	F16	NONE	1.75 X 80°B (H)	—	AF72WK	140	B2007	S-10 / B-2	1-11/16"	31

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Burnham (cont'd)</b>											
V-78	AFG	V1-5	2-3/4"	2.00 X 45°P (H)	—	AFG50MD	140	B2007	S-10 / B-5	1-11/16"	31
V-79	AFG	V1-6	2-3/4"	2.25 X 45°P (H)	—	AFG50MD	140	B2007	S-10 / B-7	1-11/16"	31
V-82	AFG	L1	3-3/8"	0.50 X 60°A	—	AFG70MMASN	140	B2008	S-4 / B-0	2-1/16"	9,10,16
V-83	AFG	L1	3-3/8"	0.85 X 60°A	—	AFG70MMAQN	140	B2008	S-10 / B-2	1-11/16"	9,16,37
V-83S	AFG	L1	3-3/8"	0.60 X 60°A	5880	AFG70MMAQN	140	B2008	S-10 / B-1	1-11/16"	9,16,37
V-84	AFG	V1-0	2-3/4"	1.10 X 60°B (H)	—	AFG70MDAQN	140	B2008	S-10 / B-2	1-11/16"	9,31,37
V-84	AFG	V1-0	2-3/4"	1.00 X 60°B (H)	—	AFG70MDAQN	140	B2008	S-10 / B-1	1-11/16"	9,31,37
V-84S	AFG	V1-0	2-3/4"	0.85 X 60°A	—	AFG70MDAQN	140	B2008	S-10 / B-3	1-11/16"	9,37
V-85	AFG	V1-2	2-3/4"	1.35 X 60°B	—	AFG70MDASN	140	B2008	S-10 / B-5	1-11/16"	9
V-85S	AFG	V1-0	2-3/4"	1.10 X 60°B	—	AFG70MDASN	140	B2008	S-10 / B-1	1-11/16"	9
V-86	AFG	V1-3	2-3/4"	1.50 X 45°B	—	AFG70MDASN	160	B2008	S-10 / B-4	1-11/16"	9
V-86S	AFG	V1-2	2-3/4"	1.35 X 60°B	—	AFG70MDASN	140	B2008	S-10 / B-3	1-11/16"	9
V-87	AFG	V1-4	2-3/4"	1.65 X 45°B (H)	—	AFG70MDASN	170	B2008	S-10 / B-3	1-11/16"	9, 31
V-88	AFG	V1-4	2-3/4"	1.75 X 45°B (H)	—	AFG70MDASN	170	B2008	S-10 / B-5	1-11/16"	9, 31
V-89	AFG	V1-6	2-3/4"	2.00 X 45°P (H)	—	AFG70MDASN	170	B2008	S-10 / B-7	1-11/16"	9, 31
V-8H2W	AFG	L1	3-3/8"	0.50 X 60°A	—	AFG70MMASN	140	B2007	S-4 / B-7	2-1/16"	9, 16
V-8H3S	AFG	L1	3-3/8"	0.60 X 60°A	5880	AFG70MMAQN	140	B2007	S-10 / B-1	1-11/16"	9, 16
V-8H3W	AFG	L1	3-3/8"	0.85 X 60°A	—	AFG70MMAQN	140	B2007	S-10 / B-2	1-11/16"	9, 16
V-8H4S	AFG	V1-0	2-3/4"	0.85 X 60°A	—	AFG70MDAQN	140	B2007	S-10 / B-1	1-11/16"	9
V-8H4W	AFG	V1-0	2-3/4"	1.10 X 60°B (H)	—	AFG70MDAQN	140	B2007	S-7 / B-1	1-11/16"	9, 31
V-8H5S	AFG	V1-0	2-3/4"	1.10 X 60°B	—	AFG70MDASN	140	B2007	S-10 / B-1	1-11/16"	9
V-8H5W	AFG	V1-2	2-3/4"	1.35 X 60°B	—	AFG70MDASN	140	B2007	S-10 / B-5	1-11/16"	9
V-8H6S	AFG	V1-2	2-3/4"	1.35 X 60°B	—	AFG70MDASN	140	B2007	S-10 / B-3	1-11/16"	9
V-8H6W	AFG	V1-3	2-3/4"	1.50 X 45°B	—	AFG70MDASN	160	B2007	S-10 / B-3	1-11/16"	9
V-8H7S	AFG	V1-4	2-3/4"	1.65 X 45°B	—	AFG70MDASN	170	B2007	S-10 / B-3	1-11/16"	9
V-8H7W	AFG	V1-4	2-3/4"	1.65 X 45°B	—	AFG70MDASN	170	B2007	S-10 / B-3	1-11/16"	9
V-8H8S	AFG	V1-4	2-3/4"	1.75 X 45°B	—	AFG70MDASN	170	B2007	S-10 / B-5	1-11/16"	9
V-8H8W	AFG	V1-4	2-3/4"	1.75 X 45°B	—	AFG70MDASN	170	B2007	S-10 / B-5	1-11/16"	9
V-8H9S	AFG	V1-6	2-3/4"	2.00 X 45°P	—	AFG70MDASN	170	B2007	S-10 / B-7	1-11/16"	9
V-8H9W	AFG	V1-6	2-3/4"	2.00 X 45°P	—	AFG70MDASN	170	B2007	S-10 / B-7	1-11/16"	9
LEDV1	AFII 85	AF2-6	# 2	0.50 X 70°B	—	HLX50HD	140	B7711	2	2"	5,6,34
LEDV2	AFII 150	AF2-9	# 3	0.85 X 60°B	—	HLX50HE	140	B7210	4	2"	5,6,34
LEDV3	AFII 150	AF2-9	# 5	1.00 X 60°B	—	HLX50HE	140	B7210	4	2"	5,6,34
RS117	SF	F220	2-3/4"	2.50 X 80°B	—	SF60FY	100	B711	—	—	
RS118	SF	F220	2-3/4"	3.00 X 80°B	—	SF60FY	100	B711	—	—	

(5) Non-delay valve required.

(6) Nozzle line heater required.

(8) 2-slot air band 31840BK required.

(9) Electrode settings of 1/4" above center of nozzle, 1/8" in front of nozzle and gap 5/32".

(10) 3-slot air shutter #32211.

(16) With conic shroud, "Z" dimension is 1-3/4".

(27) Requires Stainless Steel air tube.

(31) The (H) in the Nozzle Description denotes a Hago.

(34) Must maintain 3° downward pitch on air tube/flange.

(37) AQ in ATC designates 16-slot venturi.

(51) Burner specs before March 2013

(52) Burner specs after March 2013

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Carrier Corp.</b>											
388EAN048085	AFG	F3H	3-3/8"	0.75 X 70°A	5880	AF47YT	100	B2008	S-8 / B-0	—	
388EAN048100	AFG	F3H	3-3/8"	0.90 X 70°A	5880	AF47YT	100	B2008	S-8 / B-0	—	
388EAP048125	AFG	F3H	3-3/8"	1.10 X 70°A	5880	AF47YT	100	B2008	S-8 / B-0	—	
388EAP048150	AFG	F3H	3-3/8"	1.10 X 70°A	5880	AF47YT	100	B2008	S-8 / B-0	—	
388EAP060125	AFG	F3H	3-3/8"	1.10 X 70°A	5880	AF47YT	100	B2008	S-8 / B-0	—	
388EAP060150	AFG	F6H	2-3/4"	1.35 X 70°A	5880	AF67JP	100	B2008	S-8 / B-0	—	
390CAN036055	AFG	D1	3-3/8"	0.50 X 80°B	5880	AF47JS	100	B2008	S-8 / B-0	—	7
390CAN048085	AFG	F3H	3-3/8"	0.75 X 70°A	5880	AF47YT	100	B2008	S-8 / B-0	—	
390CAN048100	AFG	F3H	3-3/8"	0.90 X 70°A	5880	AF47YT	100	B2008	S-8 / B-0	—	
390CAN048125	AFG	F6H	2-3/4"	1.10 X 70°A	5880	AF67JP	100	B2008	S-8 / B-0	—	
390CAN060125	AFG	F6H	2-3/4"	1.10 X 70°A	5880	AF67JP	100	B2008	S-8 / B-0	—	
391DAN048085	AFG	F3H	3-3/8"	0.75 X 70°A	5880	AF47YT	100	B2008	S-8 / B-0	—	
391DAN048100	AFG	F3H	3-3/8"	0.90 X 70°A	5880	AF47YT	100	B2008	S-8 / B-0	—	
391DAN048125	AFG	F6H	2-3/4"	1.10 X 70°A	5880	AF67JP	100	B2008	S-8 / B-0	—	
391DAN060100	AFG	F3H	3-3/8"	0.90 X 70°A	5880	AF47YT	100	B2008	S-8 / B-0	—	
391DAN060125	AFG	F6H	2-3/4"	1.10 X 70°A	5880	AF67JP	100	B2008	S-8 / B-0	—	
392FAN036100	AFG	F3H	3-3/8"	0.90 X 70°A	5880	AF47YT	100	B2008	S-8 / B-0	—	
392FAN042085	AFG	F3H	3-3/8"	0.75 X 70°A	5880	AF47YT	100	B2008	S-8 / B-0	—	
392FAN048100	AFG	F3H	3-3/8"	0.90 X 70°A	5880	AF47YT	100	B2008	S-8 / B-0	—	
392FAN048125	AFG	F3H	3-3/8"	1.10 X 70°A	5880	AF47YT	100	B2008	S-8 / B-0	—	
392FAN048150	AFG	F6H	2-3/4"	1.35 X 70°A	—	AF67JP	100	B2008	S-8 / B-0	—	
392FAN060125	AFG	F3H	3-3/8"	1.10 X 70°A	5880	AF47YT	100	B2008	S-8 / B-0	—	
392FAN060150	AFG	F6H	2-3/4"	1.35 X 70°A	—	AF67JP	100	B2008	S-8 / B-0	—	
58BLA075-12	AFG	F3	3-3/8"	0.50 X 80°S	5880	AF47YHFS	100	B2008	S-8 / B-0	—	1
58BLA105-12	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	S-8 / B-0	—	1
58BLA125-16	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	S-8 / B-0	—	1
58BLA155-20	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	S-8 / B-0	—	1
58BMA075-12	AFG	F3	3-3/8"	0.50 X 70°H	5880	AF47YHFS	100	B2008	S-8 / B-0	—	1
58BMA105-12	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	S-8 / B-0	—	1
58BMA125-16	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	S-8 / B-0	—	1
58BMA155-20	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	S-8 / B-0	—	1
58CLA105	AFG	F3	3-3/8"R	0.65 X 70°B	—	AF53BN	130	B2007	S-8 / B-0	2-7/8"	
58CLA120	AFG	F3	2-3/4"	0.75 X 70°B	—	AF53XN	130	B2007	S-8 / B-1	2-7/8"	
58CMA105	AFG	F3	3-3/8"R	0.65 X 70°B	—	AF53BN	130	B2007	S-8 / B-0	2-7/8"	
58CMA120	AFG	F3	2-3/4"	0.75 X 70°B	—	AF53XN	130	B2007	S-8 / B-1	2-7/8"	
58HK085111CA	AFG	F3H	3-3/8"	0.75 X 70°A	5880	AF47YTSS	100	B2008	S-8 / B-0	—	27
58HK085-JA	AFG	F3H	3-3/8"	0.75 X 70°A	5880	AF47YT	100	B2008	S-8 / B-0	—	
58HK100111CA	AFG	F3H	3-3/8"	0.90 X 70°A	5880	AF47YTSS	100	B2008	S-8 / B-0	—	27
58HK100111DA	AFG	F3H	3-3/8"	0.90 X 70°A	5880	AF47YTSS	100	B2008	S-8 / B-0	—	27
58HK100-JA	AFG	F3H	3-3/8"	0.90 X 70°A	5880	AF47YT	100	B2008	S-8 / B-0	—	
58HK100-LA	AFG	F3H	3-3/8"	0.90 X 70°A	5880	AF47YT	100	B2008	S-8 / B-0	—	
58HK125111BA	AFG	F6H	2-3/4"	1.10 X 70°A	5880	AF67JPSS	100	B2008	S-8 / B-0	—	27
58HK125111CA	AFG	F6H	2-3/4"	1.10 X 70°A	5880	AF67JPSS	100	B2008	S-8 / B-0	—	27
58HK125-LA	AFG	F6H	2-3/4"	1.10 X 70°A	5880	AF67JP	100	B2008	S-8 / B-0	—	
58HK125-LA	AFG	F6H	2-3/4"	1.10 X 70°A	5880	AF67JP	100	B2008	S-8 / B-0	—	
58HM085111CA	AFG	F3H	3-3/8"	0.75 X 70°A	5880	AF47YTSS	100	B2008	S-8 / B-0	—	27
58HM085-HA	AFG	F3H	3-3/8"	0.75 X 70°A	5880	AF47YT	100	B2008	S-8 / B-0	—	
58HM100111CA	AFG	F3H	3-3/8"	0.90 X 70°A	5880	AF47YTSS	100	B2008	S-8 / B-0	—	27
58HM100-GA	AFG	F3H	3-3/8"	0.90 X 70°A	5880	AF47YT	100	B2008	S-8 / B-0	—	
58HM125111CA	AFG	F3H	3-3/8"	1.10 X 70°A	5880	AF47YTSS	100	B2008	S-8 / B-0	—	27
58HM125111DA	AFG	F3H	3-3/8"	1.10 X 70°A	5880	AF47YTSS	100	B2008	S-8 / B-0	—	27

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Carrier Corp (cont'd)</b>											
58HM125-JA	AFG	F3H	3-3/8"	1.10 X 70°A	5880	AF47YT	100	B2008	S-8 / B-0	—	
58HM125-LA	AFG	F3H	3-3/8"	1.10 X 70°A	5880	AF47YT	100	B2008	S-8 / B-0	—	
58HM150111CA	AFG	F6H	2-3/4"	1.35 X 70°A	—	AF67JPSS	100	B2008	S-8 / B-0	—	27
58HM150111DA	AFG	F6H	2-3/4"	1.35 X 70°A	—	AF67JPSS	100	B2008	S-8 / B-0	—	27
58HM150-JA	AFG	F6H	2-3/4"	1.35 X 70°A	—	AF67JP	100	B2008	S-8 / B-0	—	
58HM150-LA	AFG	F6H	2-3/4"	1.35 X 70°A	—	AF67JP	100	B2008	S-8 / B-0	—	
58HS085111CA	AFG	F3H	3-3/8"	0.75 X 70°A	5880	AF47YTSS	100	B2008	S-8 / B-0	—	27
58HS085115	AFG	F3H	3-3/8"	0.75 X 70°A	5880	AF47YTSS	100	B2008	S-8 / B-0	—	27
58HS085-JA	AFG	F3H	3-3/8"	0.75 X 70°A	5880	AF47YT	100	B2008	S-8 / B-0	—	
58HS100111CA	AFG	F3H	3-3/8"	0.90 X 70°A	5880	AF47YTSS	100	B2008	S-8 / B-0	—	27
58HS100115	AFG	F3H	3-3/8"	0.90 X 70°A	5880	AF47YTSS	100	B2008	S-8 / B-0	—	27
58HS100-JA	AFG	F3H	3-3/8"	0.90 X 70°A	5880	AF47YT	100	B2008	S-8 / B-0	—	
58HS125111CA	AFG	F3H	3-3/8"	1.10 X 70°A	5880	AF47YTSS	100	B2008	S-8 / B-0	—	27
58HS125111DA	AFG	F3H	3-3/8"	1.10 X 70°A	5880	AF47YTSS	100	B2008	S-8 / B-0	—	27
58HS125115	AFG	F3H	3-3/8"	1.10 X 70°A	5880	AF47YTSS	100	B2008	S-8 / B-0	—	27
58HS125-JA	AFG	F3H	3-3/8"	1.10 X 70°A	5880	AF47YT	100	B2008	S-8 / B-0	—	
58HS125-LA	AFG	F3H	3-3/8"	1.10 X 70°A	5880	AF47YT	100	B2008	S-8 / B-0	—	
58HS150111BA	AFG	F6H	2-3/4"	1.35 X 70°A	—	AF67JPSS	100	B2008	S-8 / B-0	—	27
58HS150111CA	AFG	F6H	2-3/4"	1.35 X 70°A	—	AF67JPSS	100	B2008	S-8 / B-0	—	27
58HS150115	AFG	F6H	2-3/4"	1.35 X 70°A	—	AF67JPSS	100	B2008	S-8 / B-0	—	27
58HS150-JA	AFG	F6H	2-3/4"	1.35 X 70°A	—	AF67JP	100	B2008	S-8 / B-0	—	
58HS150-LA	AFG	F6H	2-3/4"	1.35 X 70°A	—	AF67JP	100	B2008	S-8 / B-0	—	
58HU055111CA	AFG	D1	3-3/8"	0.50 X 80°B	—	AF47JSSS	100	B2008	S-8 / B-0	—	7, 27
58HU055-GA	AFG	D1	3-3/8"	0.50 X 80°B	—	AF47JH	100	B2008	S-8 / B-0	—	7
58HU085111CA	AFG	F3H	3-3/8"	0.75 X 70°A	5880	AF47YTSS	100	B2008	S-8 / B-0	—	27
58HU085-JA	AFG	F3H	3-3/8"	0.75 X 70°A	5880	AF47YT	100	B2008	S-8 / B-0	—	
58HU100111CA	AFG	F3H	3-3/8"	0.90 X 70°A	5880	AF47YTSS	100	B2008	S-8 / B-0	—	27
58HU100-JA	AFG	F3H	3-3/8"	0.90 X 70°A	5880	AF47YT	100	B2008	S-8 / B-0	—	
58HU125111BA	AFG	F6H	2-3/4"	1.10 X 70°A	5880	AF67JPSS	100	B2008	S-8 / B-0	—	27
58HU125111CA	AFG	F6H	2-3/4"	1.10 X 70°A	5880	AF67JPSS	100	B2008	S-8 / B-0	—	27
58HU125-JA	AFG	F6H	2-3/4"	1.10 X 70°A	5880	AF67JP	100	B2008	S-8 / B-0	—	
58HU125-LA	AFG	F6H	2-3/4"	1.10 X 70°A	5880	AF67JP	100	B2008	S-8 / B-0	—	
OBM/OVM098	AFG	L2	3-3/8"	0.50 X 60°A	5880	AFG70MQSS	150	B2007	S-6 / B-0	1-3/4"	27
OBM/OVM112	AFG	L2	3-3/8"	0.60 X 60°W	5880	AFG70MQSS	140	B2007	S-10 / B-0	1-3/4"	27
OBM/OVM098	NX	6-slot	—	0.40 X 60°W	32229	NX56LQ	155	B8001	2	1-3/4"	40
OBM/OVM098	NX	6-slot	—	0.50 X 60°W	32229	NX56LQ	145	B8001	2.75	1-3/4"	40
OBM/OVM112	NX	6-slot	—	0.60 X 60°W	—	NX56LQ	145	B8001	2.5	1-3/4"	40
OBM/OVM154	NX	6-slot	—	0.75 X 60°B	—	NX50LC	160	B8001	2.5	1-3/4"	40
(1) "FS" on air tube combination = fiber heat shield on combustion head.											
(7) D1 head requires 7/8" "Z" dimension.											
(27) Requires Stainless Steel air tube.											
(40) Must maintain 0° downward pitch on air tube/flange.											
<b>Clare Brothers</b>											
OHB-503FD	AFG	F3	3-3/8"R	0.50 X 70°A	5880	AF53BN	145	B2007	—	3-1/4"	29
OHB-503FD	AFG	F3	3-3/8"R	0.60 X 70°A	5880	AF53BN	145	B2007	—	3-1/4"	29
OHB-503FD	AFG	F3	3-3/8"R	0.75 X 70°A	—	AF53BN	145	B2007	—	3-1/4"	29
OHB-503FD	AFG	F3	3-3/8"R	0.50 X 70°A	5880	AF53BN	100	B2007	—	3-1/4"	29
OHB-503FD	AFG	F3	3-3/8"R	0.65 X 70°A	5880	AF53BN	145	B2007	—	3-1/4"	29
OHB-503FD-5	AFG	F3	3-3/8"R	0.75 X 70°A	—	AF53BN	145	B2007	—	3-1/4"	29
OHB-50FD	AFG	F3	3-3/8"R	0.50 X 70°A	5880	AF53BN	145	B2007	—	3-1/4"	
OHB-50FD	AFG	F3	3-3/8"R	0.60 X 70°A	5880	AF53BN	145	B2007	—	3-1/4"	
OHB-50FD	AFG	F3	3-3/8"R	0.75 X 70°A	—	AF53BN	145	B2007	—	3-1/4"	

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Clare Brothers (cont'd)</b>											
OLB-503FD	AFG	F3	3-3/8"R	0.50 X 70°A	5880	AF53BN	100	B2007	—	3-1/4"	29
OLB-503FD	AFG	F3	3-3/8"R	0.75 X 70°A	—	AF53BN	145	B2007	—	3-1/4"	29
OLB-503FD	AFG	F3	3-3/8"R	0.65 X 70°A	—	AF53BN	145	B2007	—	3-1/4"	29
OLB-503FD	AFG	F3	3-3/8"R	0.60 X 70°A	5880	AF53BN	145	B2007	—	3-1/4"	29
OLB-503FD	AFG	F3	3-3/8"R	0.50 X 70°A	5880	AF53BN	145	B2007	—	3-1/4"	29
OLB-503RD	AFG	F3	3-3/8"R	0.65 X 70°A	—	AF53BN	145	B2007	—	3-1/4"	29
OLB-503RD	AFG	F3	3-3/8"R	0.50 X 70°A	5880	AF53BN	100	B2007	—	3-1/4"	29
OLB-503RD	AFG	F3	3-3/8"R	0.75 X 70°A	—	AF53BN	145	B2007	—	3-1/4"	29
OLB-503RD	AFG	F3	3-3/8"R	0.50 X 70°A	5880	AF53BN	145	B2007	—	3-1/4"	29
OLB-503RD	AFG	F3	3-3/8"R	0.60 X 70°A	5880	AF53BN	145	B2007	—	3-1/4"	29
OLB-503RD-5	AFG	F3	3-3/8"R	0.85 X 70°A	—	AF53BN	145	B2007	—	3-1/4"	29
OLB-503RD-5	AFG	F3	3-3/8"R	0.75 X 70°A	—	AF53BN	145	B2007	—	3-1/4"	29
OLB-50FD	AFG	F3	3-3/8"R	0.75 X 70°A	—	AF53BN	145	B2007	—	3-1/4"	
OLB-50FD	AFG	F3	3-3/8"R	0.60 X 70°A	5880	AF53BN	145	B2007	—	3-1/4"	
OLB-50FD	AFG	F3	3-3/8"R	0.50 X 70°A	5880	AF53BN	145	B2007	—	3-1/4"	
OLB-50RD	AFG	F3	3-3/8"R	0.50 X 70°A	5880	AF53BN	145	B2007	—	3-1/4"	
OLB-50RD	AFG	F3	3-3/8"R	0.75 X 70°A	—	AF53BN	145	B2007	—	3-1/4"	
OLB-50RD	AFG	F3	3-3/8"R	0.60 X 70°A	5880	AF53BN	145	B2007	—	3-1/4"	
OB-503RD-5	AFII 85	AF2-6	# 8	0.75 X 60°W	—	HLX50HD	145	B7711	—	3"	28
OHB-3FD	AFII 85	AF2-6	# 4	0.65 X 60°W	—	HLX50HD	145	B7711	—	3"	
OHB-3FD	AFII 85	AF2-6	# 0	0.50 X 60°W	—	HLX50HD	145	B7711	—	3"	
OHB-3FD	AFII 85	AF2-6	# 0	0.60 X 60°W	—	HLX50HD	145	B7711	—	3"	
OHB-503FD	AFII 85	AF2-6	# 0	0.50 X 60°W	—	HLX50HD	140	B7711	—	3"	28
OHB-503FD	AFII 85	AF2-6	# 0	0.60 X 60°W	—	HLX50HD	145	B7711	—	3"	28
OHB-503FD	AFII 85	AF2-6	# 4	0.65 X 60°W	—	HLX50HD	145	B7711	—	3"	
OHB-503FD	AFII 85	AF2-6	# 0	0.50 X 60°W	—	HLX50HD	145	B7711	—	3"	28
OHB-503FD-5	AFII 85	AF2-6	# 4	0.65 X 60°W	—	HLX50HD	175	B7711	—	3"	29
OLB-3FD	AFII 85	AF2-6	# 4	0.65 X 60°W	—	HLX50HD	145	B7711	—	3"	
OLB-3FD	AFII 85	AF2-6	# 0	0.60 X 60°W	—	HLX50HD	145	B7711	—	3"	
OLB-3FD	AFII 85	AF2-6	# 8	0.75 X 60°W	—	HLX50HD	145	B7711	—	3"	
OLB-3RD	AFII 85	AF2-6	# 4	0.65 X 60°W	—	HLX50HD	145	B7711	—	3"	
OLB-3RD	AFII 85	AF2-6	# 8	0.75 X 60°W	—	HLX50HD	145	B7711	—	3"	
OLB-3RD	AFII 85	AF2-6	# 0	0.60 X 60°W	—	HLX50HD	145	B7711	—	3"	
OLB-503FD	AFII 85	AF2-6	# 0	0.50 X 60°W	—	HLX50HD	140	B7711	—	3"	28
OLB-503FD	AFII 85	AF2-6	# 0	0.50 X 60°W	—	HLX50HD	145	B7711	—	3"	28
OLB-503FD	AFII 85	AF2-6	# 0	0.60 X 60°W	—	HLX50HD	145	B7711	—	3"	29
OLB-503FD	AFII 85	AF2-6	# 4	0.65 X 60°W	—	HLX50HD	145	B7711	—	3"	29
OLB-503FD	AFII 85	AF2-6	# 8	0.75 X 60°W	—	HLX50HD	145	B7711	—	3"	28
OLB-503RD	AFII 85	AF2-6	# 0	0.50 X 60°W	—	HLX50HD	145	B7711	—	3"	29
OLB-503RD	AFII 85	AF2-6	# 4	0.65 X 60°W	—	HLX50HD	145	B7711	—	3"	29
OLB-503RD	AFII 85	AF2-6	# 8	0.75 X 60°W	—	HLX50HD	145	B7711	—	3"	29
OLB-503RD	AFII 85	AF2-6	# 0	0.50 X 60°W	—	HLX50HD	140	B7711	—	3"	28
OLB-503RD	AFII 85	AF2-6	# 0	0.60 X 60°W	—	HLX50HD	145	B7711	—	3"	28
100 ODF	SR	F3	2-3/4"	0.85 X 80°A	—	SR83RD	100	B1025	—	—	
100 ODF	SR	F3	2-3/4"	0.75 X 80°A	—	SR83RD	100	B1025	—	—	
100 OHB-F	SR	F3	2-3/4"	0.65 X 80°A	—	SR83RD	100	B1025	—	—	
100 OHB-F	SR	F3	2-3/4"	0.75 X 80°A	—	SR83RD	100	B1025	—	—	
100 OHB-F	SR	F3	2-3/4"	0.85 X 80°A	—	SR83RD	100	B1025	—	—	
OLB-F	SR	F3	2-3/4"	0.75 X 80°A	—	SR83RD	100	B1025	—	—	



Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Clare Brothers (cont'd)</b>											
OLB-F	SR	F3	2-3/4"	0.85 X 80°A	—	SR83RD	100	B1025	—	—	
OLB-F	SR	F3	2-3/4"	0.65 X 80°A	—	SR83RD	100	B1025	—	—	
OLB-F	SR	F3	2-3/4"	1.00 X 80°A	—	SR83RD	100	B1025	—	—	
OLB-R	SR	F3	2-3/4"	1.00 X 80°A	—	SR83RD	100	B1025	—	—	
OLB-R	SR	F3	2-3/4"	0.85 X 80°A	—	SR83RD	100	B1025	—	—	
OLB-R	SR	F3	2-3/4"	0.75 X 80°A	—	SR83RD	100	B1025	—	—	
OLB-R	SR	F3	2-3/4"	0.65 X 80°A	—	SR83RD	100	B1025	—	—	
<i>(28) For positive pressure wall venting applications.</i>											
<i>(29) For chimney vented applications.</i>											
<b>Coleman</b>											
BOL06913D	AFG	F3	3-3/8"	0.50 X 80°S	5880	AF47YHFS	100	B2008	—	—	1
BOL10513D	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
BOL12516D	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
BOL15420D	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	—	—	1
BOM07212D	AFG	F3	3-3/8"	0.50 X 80°S	5880	AF47YHFS	100	B2008	—	—	1
BOM10512D	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
BOM12516D	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
BOM15420D	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	—	—	1
<i>(1) "FS" on air tube combination = fiber heat shield on combustion head.</i>											
<b>Columbia Boiler Co.</b>											
CBO30	AF	F3	2-3/4"	0.75 X 80°B	—	AF56XN	100	B3001	—	—	
CBO50	AF	F3	2-3/4"	1.20 X 80°B	—	AF56XN	100	B3001	—	—	
CBO70	AF	F6	2-3/4"	1.35 X 80°B	—	AF65YB	100	B3001	—	—	
CBO85	AF	F12	2-3/4"	1.50 X 80°B	—	AF85XO	100	B3001	—	—	
CF 32T	AF	F3	2-3/4"	0.75 X 80°A	—	AF90XN	100	B3001	—	—	
COU300	AF	F3	2-3/4"	1.00 X 80°A	—	AF56XN	100	B3001	—	—	
COU400	AF	F6	2-3/4"	1.35 X 60°A	—	AF56YB	100	B3001	—	—	
COU500	AF	F12	2-3/4"	1.75 X 80°B	—	AF56XO	100	B3001	—	—	
COU600	AF	F12	2-3/4"	2.00 X 80°A	—	AF56XO	100	B3001	—	—	
COU700	AF	F22	2-3/4"	2.25 X 60°B	—	AF56XP	100	B3001	—	—	
HB-112	AF	F3	2-3/4"	0.85 X 80°A	—	AF65XN	100	B3001	—	—	
HB-140	AF	F3	2-3/4"	1.10 X 80°A	—	AF65XN	100	B3001	—	—	
HB-168	AF	F6	2-3/4"	1.35 X 80°A	—	AF65XN	100	B3001	—	—	
HB-84	AF	F3	2-3/4"	0.75 X 80°A	—	AF65XN	100	B3001	—	—	
HS-112	AF	F4	2-3/4"	0.75 X 80°A	—	AF65WH	140	B3001	S-4 / B-0	—	
HS-140	AF	F6	2-3/4"	0.90 X 80°A	—	AF65YB	140	B3001	S-6 / B-0	—	
HS-84	AF	F4	2-3/4"	0.65 X 80°A	—	AF65WH	140	B3001	S-4 / B-0	5-1/4"	
LB-112	AF	F3	2-3/4"	0.85 X 80°A	—	AF65XN	100	B3001	—	—	
LB-140	AF	F3	2-3/4"	1.10 X 80°A	—	AF65XN	100	B3001	—	—	
LB-168	AF	F6	2-3/4"	1.35 X 80°A	—	AF65YB	100	B3001	—	—	
LB-84	AF	F3	2-3/4"	0.75 X 80°A	—	AF65XN	100	B3001	—	—	
RF 30	AF	F3	2-3/4"	0.75 X 80°A	—	AF90XN	100	B3001	—	—	
RF 50	AF	F6	2-3/4"	1.25 X 80°A	—	AF90YB	100	B3001	—	—	
RF 70	AF	F6	2-3/4"	1.35 X 80°A	—	AF90YB	100	B3001	—	—	
CSF3100	AFG	F3	2-3/4"	0.85 X 80°B	—	AF72XN	140	B2008	S-5 / B-0	2-1/4"	
CSF365	AFG	F0	3-5/8"	0.60 X 80°B	—	AF72YL	140	B2008	S-7 / B-0	2-1/4"	
CSF4125	AFG	F4	2-3/4"	1.10 X 80°B	—	AF72WH	140	B2008	S-8 / B-1	2-1/4"	
CSF4150	AFG	F6	2-3/4"	1.25 X 80°B	—	AF72YB	140	B2008	S-6 / B-2	2-1/4"	
CSF5175	AFG	F16	2-3/4"	1.50 X 80°B	—	AF72WF	140	B2008	S-5 / B-3	2-1/4"	
CSF5200	AFG	F16	2-3/4"	1.75 X 80°B	—	AF72WF	140	B2008	S-5 / B-5	2-1/4"	
CT6	AFG	F16	2-3/4"	2.00 X 80°B	—	AF90WF	100	B2008	—	—	

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Columbia Boiler Co. (cont'd)</b>											
EM 100	AFG	F3	3-1/2"	0.75 X 80°B	—	AF56ZP	140	B2008	S-10 / B-0	—	
EM 110	AFG	F6	3-1/2"	0.85 X 80°B	—	AF56ZG	140	B2008	S-10 / B-0	—	
EM 125	AFG	F6	3-1/2"	1.00 X 80°B	—	AF56ZG	140	B2008	S-10 / B-2	—	
EM 85	AFG	F3	3-1/2"	0.65 X 80°B	—	AF56ZP	140	B2008	S-8 / B-0	—	
EM-135	AFG	F6	3-1/2"	1.10 X 80°B	—	AF56ZG	140	B2008	S-10 / B-2	—	
EM-150	AFG	F12	2-3/4"	1.25 X 80°A	—	AF56XO	140	B2008	S-9 / B-0	—	
EM-165	AFG	F12	2-3/4"	1.35 X 80°A	—	AF56XO	140	B2008	S-10 / B-0	—	
EM-175	AFG	F12	2-3/4"	1.50 X 80°A	—	AF56XO	140	B2008	S-10 / B-1	—	
EM-200	AFG	F22	2-3/4"	1.65 X 80°A	—	AF56XP	140	B2008	S-10 / B-2	—	
FT3100	AFG	F6	2-3/4"	1.00 X 80°A	—	AF56YB	100	B2008	—	—	
FT-3100C	AFG	F3	3-1/2"	0.85 X 80°B	—	AF56ZP	140	B2008	—	—	
FT3125	AFG	F6	2-3/4"	1.25 X 80°A	—	AF56YB	100	B2008	—	—	
FT-3125C	AFG	F6	3-1/2"	1.00 X 80°B	—	AF56ZG	140	B2008	—	—	
FT6150	AFG	F12	2-3/4"	1.50 X 80°A	—	AF56XO	100	B2008	—	—	
FT-6150C	AFG	F12	2-3/4"	1.25 X 80°A	—	AF56XO	140	B2008	—	—	
FT6165	AFG	F12	2-3/4"	1.65 X 80°A	—	AF56XO	100	B2008	—	—	
FT-6165C	AFG	F12	2-3/4"	1.35 X 80°A	—	AF56XO	140	B2008	—	—	
FT-9175	AFG	F12	2-3/4"	1.50 X 80°A	—	AF56XO	140	B2008	—	—	
FT-9200C	AFG	F22	2-3/4"	1.65 X 80°A	—	AF56XP	140	B2008	—	—	
GEM103	AFG	F3	2-3/4"	1.00 X 80°A	—	AF56XN	100	B2008	—	—	
GEM120	AFG	F3	2-3/4"	1.10 X 80°A	—	AF56XN	100	B2008	—	—	
GEM137	AFG	F6	2-3/4"	1.25 X 80°A	—	AF56YB	100	B2008	—	—	
GEM160	AFG	F12	2-3/4"	1.50 X 80°A	—	AF56XO	100	B2008	—	—	
GEM175	AFG	F12	2-3/4"	1.65 X 80°A	—	AF56XO	100	B2008	—	—	
GEM190	AFG	F12	2-3/4"	1.75 X 80°A	—	AF56XO	100	B2008	—	—	
GEM198	AFG	F12	2-3/4"	2.00 X 80°A	—	AF56XO	100	B2008	—	—	
GEM260	AFG	F22	2-3/4"	2.50 X 80°A	—	AF56XP	100	B2008	—	—	4
GEM86	AFG	F3	2-3/4"	0.75 X 80°A	5880	AF56XN	100	B2008	—	—	
HRT6	AFG	F12	2-3/4"	2.00 X 80°A	—	AF72XO	100	B2008	—	—	
L18	AFG	F6	2-3/4"	1.25 X 80°A	—	AF72YB	100	B2008	—	—	
L20	AFG	F12	2-3/4"	2.00 X 80°A	—	AF72XO	100	B2008	—	—	
L22	AFG	F22	2-3/4"	2.25 X 80°A	—	AF72XP	100	B2008	—	—	
LV-100	AFG	F4	3-1/2"	0.85 X 80°A	—	AF72WP	140	B2008	S-10 / B-1	—	4
LV-110	AFG	F6	3-1/2"	0.90 X 80°A	—	AF72WS	140	B2008	S-10 / B-2	—	4
LV-125	AFG	V1-1	NONE	1.00 X 45°B	—	AFG50ML	140	B2008	S-10 / B-0	—	4
LV-135	AFG	V1-1	NONE	1.10 X 45°B	—	AFG50ML	140	B2008	S-10 / B-2	—	4
LV-150	AFG	V1-2	NONE	1.25 X 45°B	—	AFG50ML	140	B2008	S-10 / B-2	—	4
LV-75	AFG	F3	3-1/2"	0.65 X 80°A	5880	AF72ZP	140	B2008	S-10 / B-1	—	4
TE122	AFG	F3	2-3/4"	1.00 X 80°A	—	AF56XN	100	B2008	—	—	4
TE153	AFG	F6	2-3/4"	1.25 X 80°A	—	AF56YB	100	B2008	—	—	4
TE91	AFG	F3	2-3/4"	0.75 X 80°A	5880	AF56XN	100	B2008	—	—	4
WB-100	AFG	F3	3-1/2"	0.85 X 80°B	—	AF72WR	140	B2008	S-10 / B-2	—	4
WB-110	AFG	F3	3-1/2"	0.90 X 80°B	—	AF72WR	140	B2008	S-10 / B-3	—	4
WB-125	AFG	F6	3-1/2"	1.00 X 80°B	—	AF72WS	140	B2008	S-10 / B-2	—	4
WB-135	AFG	F6	3-1/2"	1.10 X 80°B	—	AF72WS	140	B2008	S-10 / B-5	—	4
WB-150	AFG	F6	3-1/2"	1.25 X 80°B	—	AF72WS	140	B2008	S-10 / B-6	—	4
WB-90	AFG	F3	3-1/2"	0.75 X 80°B	—	AF72WR	140	B2008	S-10 / B-0	—	4
LV/LVD-100	AFII 150	AF2-9	# 0	0.85 X 70°B	—	HLX70HC	140	B7210	3.25	—	

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Columbia Boiler Co. (cont'd)</b>											
LV/LVD-110	AFII 150	AF2-9	# 3	0.90 X 70°B	—	HLX70HC	140	B7210	4.25	—	
LV/LVD-75	AFII 150	AF2-9	# 0	0.65 X 70°B	—	HLX70HC	140	B7210	2	—	
WB-100	AFII 150	AF2-9	# 3	0.85 X 60°B	—	HLX70HC	140	B7210	4	—	
WB-110	AFII 150	AF2-9	# 3	0.90 X 60°B	—	HLX70HC	140	B7210	4.5	—	
WB-125	AFII 150	AF2-9	# 7	1.00 X 60°B	—	HLX70HC	140	B7210	3	—	
WB-135	AFII 150	AF2-9	# 7	1.10 X 60°B	—	HLX70HC	140	B7210	4	—	
WB-150	AFII 150	AF2-9	# 8	1.25 X 60°B	—	HLX70HC	140	B7210	8	—	
WB-90	AFII 150	AF2-9	# 3	0.75 X 60°B	—	HLX70HC	140	B7210	3	—	
WB-100 CV-DV	NX	9-slot	—	0.75 X 60°B	—	NX70LB	175	B8001	1.5	4"	
WB-110 CV-DV	NX	9-slot	—	0.85 X 60°B	—	NX70LB	175	B8001	3	4"	
WB-90 CV-DV	NX	9-slot	—	0.70 X 60°B	—	NX70LB	175	B8001	1	4"	
CT10	SF	F300	2-3/4"	3.00 X 80°B	—	SF90VH	100	B711	—	—	
CT15	SF	F300	2-3/4"	4.50 X 80°B	—	SF90VH	100	B711	—	—	
GEM324	SF	F300	2-3/4"	3.00 X 80°B	—	SF90VH	100	B711	—	—	
GEM396	SF	F300	2-3/4"	4.00 X 80°B	—	SF90VH	100	B711	—	—	
GEM453	SF	F300	2-3/4"	4.50 X 80°B	—	SF90VH	100	B711	—	—	
HRT10	SF	F300	2-3/4"	3.00 X 80°B	—	SF90VH	100	B711	—	—	
HRT15	SF	F300	2-3/4"	4.50 X 80°B	—	SF90VH	100	B711	—	—	
L24	SF	F300	2-3/4"	3.00 X 80°B	—	SF90VH	100	B711	—	—	
L30	SF	F300	2-3/4"	4.00 X 80°B	—	SF90VH	100	B711	—	—	
L32	SF	F300	2-3/4"	5.00 X 80°B	—	SF90VH	100	B711	—	—	
<i>(4) Requires Delay Solenoid Valve.</i>											
<b>Concord</b>											
RLBF8084/95D16-1	AFG	F6	2-3/4"	0.65 X 80°B	5880	AF50YB	140	B2007	S-6 / B-0	—	
RLBF80C112/125B16-1	AFG	F6	2-3/4"	0.85 X 80°B	—	AF50YB	140	B2007	S-6 / B-1	—	
RLBF80C112/125D20-1	AFG	F6	2-3/4"	0.85 X 80°B	—	AF50YB	140	B2007	S-6 / B-1	—	
RLBF80C57/72D12-1	AFG	F0	2-3/4"	0.50 X 80°A	5880	AF50XZT	100	B2007	S-4 / B-0	—	
RLBF80C57B08-1	AFG	F0	2-3/4"	0.50 X 80°A	5880	AF50XZT	100	B2007	S-4 / B-0	—	
RLBF80C84/95B10-1	AFG	F6	2-3/4"	0.65 X 80°B	5880	AF50YB	140	B2007	S-6 / B-0	—	
RLBR80C112/125B16-1	AFG	F6	2-3/4"	0.85 X 80°B	—	AF50YB	140	B2007	S-6 / B-1	—	
RLBR80C112/125D20-1	AFG	F6	2-3/4"	0.85 X 80°B	—	AF50YB	140	B2007	S-6 / B-1	—	
RLBR80C140/168D20-1	AFG	F6	2-3/4"	1.10 X 80°B	—	AF55YB	140	B2007	S-8 / B-1	—	
RLBR80C196B24-1	AFG	F16	2-3/4"	1.50 X 80°B	—	AF56WF	140	B2007	S-7 / B-2	—	
RLBR80C57/72D12-1	AFG	F0	2-3/4"	0.50 X 80°A	5880	AF50XZT	100	B2007	S-4 / B-0	—	
RLBR80C57B08-1	AFG	F0	2-3/4"	0.50 X 80°A	5880	AF50XZT	100	B2007	S-4 / B-0	—	
RLBR80C84/95B10-1	AFG	F6	2-3/4"	0.65 X 80°B	5880	AF50YB	140	B2007	S-6 / B-0	—	
RLBR80C84/95D16-1	AFG	F6	2-3/4"	0.65 X 80°B	5880	AF50YB	140	B2007	S-6 / B-0	—	
RLHF80C112/125D20-1	AFG	F6	2-3/4"	0.85 X 80°B	—	AF50YB	140	B2007	S-6 / B-1	—	
RLHF80C84/95D12-1	AFG	F6	2-3/4"	0.65 X 80°B	5880	AF50YB	140	B2007	S-6 / B-0	—	
RLHR80C112/125D20-1	AFG	F6	2-3/4"	0.85 X 80°B	—	AF50YB	140	B2007	S-6 / B-1	—	
RLHR80C168/195D24-1	AFG	F16	2-3/4"	1.50 X 80°B	—	AF56WF	140	B2007	S-7 / B-2	—	
RLHR80C57/72D12-1	AFG	F0	2-3/4"	0.50 X 80°A	5880	AF50XZT	100	B2007	S-4 / B-0	—	
RLHR80C84/95D12-1	AFG	F6	2-3/4"	0.65 X 80°B	5880	AF50YB	140	B2007	S-6 / B-0	—	
RLUF80C112/125B16-1	AFG	F6	2-3/4"	0.85 X 80°B	—	AF50YB	140	B2007	S-6 / B-1	—	
RLUF80C112/125D20-1	AFG	F6	2-3/4"	0.85 X 80°B	—	AF50YB	140	B2007	S-6 / B-1	—	
RLUF80C57/72D12-1	AFG	F0	2-3/4"	0.50 X 80°A	5880	AF50XZT	100	B2007	S-4 / B-0	—	
RLUF80C57B08-1	AFG	F0	2-3/4"	0.50 X 80°A	5880	AF50XZT	100	B2007	S-4 / B-0	—	
RLUF80C84/95AD16-1	AFG	F6	2-3/4"	0.65 X 80°B	5880	AF50YB	140	B2007	S-6 / B-0	—	
RLUF80C84/95B10-1	AFG	F6	2-3/4"	0.65 X 80°B	5880	AF50YB	140	B2007	S-6 / B-0	—	

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Cox Mfg. Inc.</b>											
CFO 115	AF	F3	2-3/4"	1.00 X 80°B	—	AF90XN	100	B3001	—	—	
CFO 150	AF	F3	2-3/4"	1.25 X 80°B	—	AF90XN	100	B3001	—	—	
CFO 225	AF	F12	2-3/4"	1.75 X 80°B	—	AF90XO	100	B3001	—	—	
CFO 80	AF	F3	2-3/4"	0.75 X 80°B	—	AF90XN	100	B3001	—	—	
CFO 95	AF	F3	2-3/4"	0.85 X 80°B	—	AF90XN	100	B3001	—	—	
HO 115	AF	F3	2-3/4"	1.00 X 80°B	—	AF90XN	100	B3001	—	—	
HO 150	AF	F3	2-3/4"	1.25 X 80°B	—	AF90XN	100	B3001	—	—	
HO 225	AF	F12	2-3/4"	1.75 X 80°B	—	AF90XO	100	B3001	—	—	
HO 80	AF	F3	2-3/4"	0.75 X 80°B	—	AF90XN	100	B3001	—	—	
HO 95	AF	F3	2-3/4"	0.85 X 80°B	—	AF90XN	100	B3001	—	—	
OD 115	AF	F3	2-3/4"	1.00 X 80°B	—	AF90XN	100	B3001	—	—	
OD 150	AF	F3	2-3/4"	1.25 X 80°B	—	AF90XN	100	B3001	—	—	
OD 225	AF	F12	2-3/4"	1.75 X 80°B	—	AF90XO	100	B3001	—	—	
OD 80	AF	F3	2-3/4"	0.75 X 80°B	—	AF90XN	100	B3001	—	—	
OD 95	AF	F3	2-3/4"	0.85 X 80°B	—	AF90XN	100	B3001	—	—	
RO 115	AF	F3	2-3/4"	1.00 X 80°B	—	AF90XN	100	B3001	—	—	
RO 212	AF	F12	2-3/4"	1.75 X 80°B	—	AF90XO	100	B3001	—	—	
RO 225	AF	F12	2-3/4"	1.75 X 80°B	—	AF90XO	100	B3001	—	—	
RO 80	AF	F3	2-3/4"	0.75 X 80°B	—	AF90XN	100	B3001	—	—	
RO 95	AF	F3	2-3/4"	0.85 X 80°B	—	AF90XN	100	B3001	—	—	
SO 115	AF	F3	2-3/4"	1.00 X 80°B	—	AF90XN	100	B3001	—	—	
SO 150	AF	F3	2-3/4"	1.25 X 80°B	—	AF90XN	100	B3001	—	—	
SO 225	AF	F12	2-3/4"	1.75 X 80°B	—	AF90XO	100	B3001	—	—	
SO 80	AF	F3	2-3/4"	0.75 X 80°B	—	AF90XN	100	B3001	—	—	
SO 95	AF	F3	2-3/4"	0.85 X 80°B	—	AF90XN	100	B3001	—	—	
CFO 1050	SF	F310	NONE	2 - 4.50 X 80°B	—	SF90FT	100	B711	—	—	30
CFO 300	SF	F310	NONE	2.50 X 80°B	—	SF90FT	100	B711	—	—	
CFO 400	SF	F310	NONE	3.50 X 80°B	—	SF90FT	100	B711	—	—	
CFO 525	SF	F310	NONE	4.50 X 80°B	—	SF90FT	100	B711	—	—	
CFO 600	SF	F310	NONE	2 - 2.50 X 80°B	—	SF90FT	100	B711	—	—	30
CFO 800	SF	F310	NONE	2 - 3.50 X 80°B	—	SF90FT	100	B711	—	—	30
HO 1050	SF	F310	NONE	2 - 4.50 X 80°B	—	SF90FT	100	B711	—	—	30
HO 300	SF	F310	NONE	2.50 X 80°B	—	SF90FT	100	B711	—	—	
HO 400	SF	F310	NONE	3.50 X 80°B	—	SF90FT	100	B711	—	—	
HO 525	SF	F310	NONE	4.50 X 80°B	—	SF90FT	100	B711	—	—	
HO 600	SF	F310	NONE	2 - 2.50 X 80°B	—	SF90FT	100	B711	—	—	30
HO 800	SF	F310	NONE	2 - 3.50 X 80°B	—	SF90FT	100	B711	—	—	30
OD 1050	SF	F310	NONE	2 - 4.50 X 80°B	—	SF90FT	100	B711	—	—	30
OD 300	SF	F310	NONE	2.50 X 80°B	—	SF90FT	100	B711	—	—	
OD 400	SF	F310	NONE	3.50 X 80°B	—	SF90FT	100	B711	—	—	
OD 525	SF	F310	NONE	4.50 X 80°B	—	SF90FT	100	B711	—	—	
OD 600	SF	F310	NONE	2 - 2.50 X 80°B	—	SF90FT	100	B711	—	—	30
OD 800	SF	F310	NONE	2 - 3.50 X 80°B	—	SF90FT	100	B711	—	—	30
RO 1050	SF	F310	NONE	2 - 4.50 X 80°B	—	SF90FT	100	B711	—	—	30
RO 300	SF	F310	NONE	2.50 X 80°B	—	SF90FT	100	B711	—	—	
RO 400	SF	F310	NONE	3.50 X 80°B	—	SF90FT	100	B711	—	—	
RO 525	SF	F310	NONE	4.50 X 80°B	—	SF90FT	100	B711	—	—	
RO 600	SF	F310	NONE	2 - 2.50 X 80°B	—	SF90FT	100	B711	—	—	30
RO 800	SF	F310	NONE	2 - 3.50 X 80°B	—	SF90FT	100	B711	—	—	30
SO 1050	SF	F310	NONE	2 - 4.50 X 80°B	—	SF90FT	100	B711	—	—	30
SO 300	SF	F310	NONE	2.50 X 80°B	—	SF90FT	100	B711	—	—	

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Cox Mfg. Inc. (cont'd)</b>											
SO 400	SF	F310	NONE	3.50 X 80°B	—	SF90FT	100	B711	—	—	
SO 525	SF	F310	NONE	4.50 X 80°B	—	SF90FT	100	B711	—	—	
SO 600	SF	F310	NONE	2 - 2.50 X 80°B	—	SF90FT	100	B711	—	—	30
SO 800	SF	F310	NONE	2 - 3.50 X 80°B	—	SF90FT	100	B711	—	—	30
<i>(30) Two SF burners utilized</i>											
<b>CRC Environmental</b>											
TH105	AFII 85	FB3	—	0.55 X 30°B	—	FBX90HGSS	140	B7711	4	6-3/4"	27, 33
TH125	AFII 85	FB3	—	0.55 X 30°B	—	FBX90HGSS	190	B7711	5	6-3/4"	27, 33
<i>(27) Requires Stainless Steel air tube.</i>											
<i>(33) Specified with 2-stage pump</i>											
<b>Crown Boiler Co.</b>											
CDB-110	AF	F3	2-3/4"	1.10 X 80°B	—	AF56XN	100	B3001	S-6 / B-0	—	
CDB-138	AF	F6	2-3/4"	1.25 X 80°B	—	AF56YB	100	B3001	S-6 / B-0	—	
CDB-167	AF	F12	2-3/4"	1.50 X 80°B	—	AF56XO	100	B3001	S-7 / B-0	—	
CDB-195	AF	F12	2-3/4"	1.75 X 80°B	—	AF56XO	100	B3001	S-10 / B-0	—	
CDB-228	AF	F22	2-3/4"	2.00 X 80°B	—	AF56XP	100	B3001	S-10 / B-1	—	
CDB-254	AF	F22	2-3/4"	2.25 X 60°B	—	AF56XP	100	B3001	S-10 / B-2	—	
CLBF/R-CHB/C 112	AF	F3	2-3/4"	1.00 X 80°A	—	AF57XNSS	130	B3001	—	5-7/8"	27
CLBF/R-CHB/C 68	AF	F3	3-3/8"	0.60 X 80°A	—	AF57XNSS	130	B3001	—	5-7/8"	27
CLBF/R-CHB/C 85	AF	F3	2-3/4"	0.75 X 80°A	—	AF57XNSS	130	B3001	—	5-7/8"	27
CLBF/R-CHB/C 97	AF	F3	2-3/4"	0.85 X 80°A	—	AF57XNSS	130	B3001	—	5-7/8"	27
DS-315	AF	F3	2-3/4"	1.00 X 80°A	—	AF56XN	100	B3001	—	—	
DS-405	AF	F6	2-3/4"	1.35 X 80°A	—	AF56YB	100	B3001	—	—	
DS-500	AF	F6	2-3/4"	1.65 X 80°A	—	AF56YB	100	B3001	—	—	
DS-595	AF	F16	2-3/4"	2.00 X 60°A	—	AF56WF	100	B3001	—	—	
DS-690	AF	F22	NONE	2.25 X 60°A	—	AF56YF	100	B3001	—	—	
DS-815	AF	F22	NONE	2.50 X 60°A	—	AF56YF	100	B3001	—	—	
DW-100	AF	F3	2-3/4"	1.00 X 80°A	—	AF56XN	100	B3001	—	—	
DW-130	AF	F6	2-3/4"	1.35 X 80°A	—	AF56YB	100	B3001	—	—	
DW-160	AF	F6	2-3/4"	1.65 X 80°A	—	AF56YB	100	B3001	—	—	
DW-190	AF	F16	2-3/4"	2.00 X 60°A	—	AF56WF	100	B3001	—	—	
DW-220	AF	F22	NONE	2.25 X 60°A	—	AF56YF	100	B3001	—	—	
DW-260	AF	F22	NONE	2.50 X 60°A	—	AF56YF	100	B3001	—	—	
ELF-1	AF	F3	2-3/4"	0.75 X 80°A	—	AF57XNSS	130	—	—	—	27
EP-107,D	AF	F3	2-3/4"	1.00 X 80°B	—	AF60XN	100	B3001	—	—	
EP-129,D	AF	F6	2-3/4"	1.10 X 80°A	—	AF60YB	100	B3001	—	—	
EP-140,D	AF	F6	2-3/4"	1.25 X 80°B	—	AF60YB	100	B3001	—	—	
EP-147,D	AF	F6	2-3/4"	1.35 X 80°B	—	AF60YB	100	B3001	—	—	
EP-164,D	AF	F12	2-3/4"	1.50 X 80°B	—	AF60XO	100	B3001	—	—	
EP-187,D	AF	F12	2-3/4"	1.75 X 80°B	—	AF60XO	100	B3001	—	—	
EP-216,D	AF	F22	2-3/4"	2.00 X 80°B	—	AF60XP	100	B3001	—	—	
EP-242,D	AF	F22	2-3/4"	2.25 X 80°B	—	AF60XP	100	B3001	—	—	
EP-263,D	AF	F31	2-3/4"	2.25 X 80°A	—	AF60YV	100	B3001	—	—	
EP-288,D	AF	F31	2-3/4"	2.50 X 80°A	—	AF60YV	100	B3001	—	—	
OFG30	AF	F3	2-3/4"	0.75 X 80°B	—	AF56XN	100	B3001	S-7 / B-0	—	
OFG50	AF	F3	2-3/4"	1.00 X 80°B	—	AF56XN	100	B3001	S-7 / B-0	—	
OFG70	AF	F3	2-3/4"	1.25 X 80°B	—	AF65XN	100	B3001	S-7 / B-0	—	
OFG85	AF	F12	2-3/4"	1.35 X 80°B	—	AF90XO	100	B3001	S-7 / B-0	—	
BD111	AFG	L1	3-3/8"	0.75 X 70°B	31760	AFG50MB	100	B2007	—	—	
BD120	AFG	L1	3-3/8"	0.85 X 80°AR	—	AFG50MBAS	140	B2007	S-8 / B-0	2"	

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Crown Boiler Co. (cont'd)</b>											
BD147	AFG	V1-0	2-3/4"	1.00 X 70°B	—	AFG50MDAS	140	B2007	S-8 / B-0	2"	
BD151	AFG	V1-0	2-3/4"	1.10 X 70°B	—	AFG50MDAS	140	B2007	S-8 / B-0	2"	
BD178	AFG	V1-1	2-3/4"	1.35 X 70°B	—	AFG50MDAS	140	B2007	—	2"	
BD211	AFG	V1-2	2-3/4"	1.50 X 60°B	—	AFG50MDAS	140	B2007	—	2"	
BD238	AFG	V1-4	2-3/4"	1.65 X 60°B	—	AFG50MDAS	140	B2007	S-8 / B-0	2"	
BD74	AFG	L1	3-3/8"	0.60 X 80°B	31760	AFG50MBAS	140	B2007	—	—	
BD91	AFG	L1	3-3/8"	0.65 X 70°B	—	AFG50MBAS	140	B2007	—	—	
CLBF/R-CHB/C 112	AF	F3	2-3/4"	1.00 X 80°A	—	AF57XNSS	130	B3001	—	5-7/8"	2, 27
CLBF/R-CHB/C 68	AF	F3	2-3/4"	0.60 X 80°A	—	AF57XNSS	130	B3001	—	5-7/8"	2, 27
CLBF/R-CHB/C 85	AF	F3	2-3/4"	0.85 X 80°A	—	AF57XNSS	130	B3001	—	5-7/8"	2, 27
CLBF/R-CHB/C 97	AF	F3	2-3/4"	0.75 X 80°A	—	AF57XNSS	130	B3001	—	5-7/8"	2, 27
CSBH 60-90XE	AFG	F3	3-5/8"	0.60 X 80°A	5880	AF60WAHSSS	120	B2007	S-6 / B-0	4-1/2"	2, 27
CSBH 60-90XP	AFG	F3	3-5/8"	0.60 X 80°A	5880	AF60WAHSSS	120	B2007	S-6 / B-0	4-1/2"	2, 27
CT3	AFG	L1	3-3/8"	0.65 X 70°A	—	AFG70MBAS	140	B2007	S-10 / B-1	2-1/4"	
CT35	AFG	L1	3-3/8"	0.85 X 60°AR	—	AFG50MBAS	140	B2007	—	—	
CT4	AFG	L1	3-3/8"	0.85 X 60°AR	—	AFG70MBAS	140	B2007	S-10 / B-1	2-1/4"	
CT45	AFG	V1-0	2-3/4"	1.10 X 60°W	—	AFG50MD	140	B2007	—	—	
CT5	AFG	V1-3	2-3/4"	1.10 X 60°B	—	AFG70MDAS	140	B2007	S-7 / B-3	2-1/4"	
DWXE-100	AFG	F3	2-3/4"	0.85 X 80°A	—	AF56XN	100	B2007	—	—	
DWXE-130	AFG	F3	2-3/4"	1.10 X 80°B	—	AF56XN	100	B2007	—	—	
DWXE-160	AFG	F6	2-3/4"	1.35 X 80°B	—	AF56YB	100	B2007	—	—	
EC-13	AFG	L2	3-3/8"	0.50 X 60°AS	5880	AFG90MQAQ	175	B2007	S-10 / B-0	3-3/4"	
KM-100	AFG	F3	2-3/4"	1.00 X 80°B	—	AF72XN	100	B2007	—	—	
KM-74	AFG	F3	2-3/4"	0.75 X 80°B	31760	AF72XN	100	B2007	—	—	
KM-85	AFG	F3	2-3/4"	0.85 X 80°B	31760	AF72XN	100	B2007	—	—	
TWZ065	AFG	L1	3-3/8"	0.55 X 60°B	5880	AFG70MMAQ	140	B2007	S-8 / B-0	2-1/4"	16,31,37
TWZ075	AFG	L1	3-3/8"	0.65 X 60°B (H)	5880	AFG70MMAQ	140	B2007	S-10 / B-2	2-1/4"	16,31,37
TWZ090	AFG	L1	3-3/8"	0.75 X 60°B	—	AFG70MMAQ	140	B2007	S-7 / B-0	2-1/4"	37
TWZ100	AFG	L1	3-3/8"	0.85 X 60°B (H)	—	AFG70MMAQ	140	B2007	S-5 / B-2	2-1/4"	16,31,37
TWZ120	AFG	V1-0	NONE	0.90 X 60°B (H)	—	AFG70MLAQ	175	B2007	S-8 / B-1	2-1/4"	31, 37
TWZ125	AFG	V1-0	2-3/4"	1.00 X 60°B (H)	—	AFG70MDAQ	140	B2007	S-10 / B-1	2-1/4"	31, 37
TWZ150	AFG	V1-0	2-3/4"	1.10 X 60°B (H)	—	AFG70MDAQ	140	B2007	S-10 / B-2	2-1/4"	31, 37
TWZ175	AFG	V1-3	NONE	1.35 X 45°B (H)	—	AFG70MLAQ	175	B2007	S-7 / B-3	2-1/4"	31, 37
TWZ200	AFG	V1-4	NONE	1.50 X 45°B (H)	—	AFG70MLAQ	175	B2007	S-10 / B-3	2-1/4"	31, 37
ODV-100 (CT3)	AFII 150	FB3	—	0.85 X 80°B (H)	—	FBX50HGXS	140	B7210	3	2-1/4"	31
ODV-125 (CT4)	AFII 150	FB4	—	1.00 X 80°B (H)	—	FBX50HHXS	140	B7210	4	2-1/4"	31
ODV-135 (CT4)	AFII 150	FB4	—	1.10 X 80°B (H)	—	FBX50HHXS	140	B7210	5	2-1/4"	31
ODV-75 (CT3)	AFII 150	FB3	—	0.65 X 80°B (H)	—	FBX50HGXS	140	B7210	1	2-1/4"	31
CT-6	CF375	V1-1	—	1.35 X 60°ES	—	CF56KY	150	BCF3907	S-6 / B-0	1-3/4"	
CT-7	CF500	1	—	1.75 X 60°ES	—	CF60KK	140	BCF809	S-3 / B-0	2-1/4"	
CT-8	CF500	4	—	2.00 X 60°B	—	CF60KK	140	BCF809	—	2-1/4"	
CT-6	SMG	0	—	1.35 X 45°ES	31829	SMG45NR	150	—	S-10 / B-1	2"	
CHB112	NX	9-slot	—	0.85 X 60°W	32229	NX70LBHS	150	B8001	4	5-3/4"	2
CHB68	NX	9-slot	—	0.50 X 60°W	32229	NX70LBHS	150	B8001	2.5	5-3/4"	2
CHB87	NX	9-slot	—	0.60 X 60°W	32229	NX70LBHS	150	B8001	3	5-3/4"	2
CHB96	NX	9-slot	—	0.65 X 60°W	32229	NX70LBHS	150	B8001	3.5	5-3/4"	2
CHC68	NX	9-slot	—	0.50 X 60°W	32229	NX70LBHS	150	B8001	2.5	5-3/4"	2
CHC87	NX	9-slot	—	0.60 X 60°W	32229	NX70LBHS	150	B8001	3	5-3/4"	2
CHC96	NX	9-slot	—	0.65 X 60°W	32229	NX70LBHS	150	B8001	3.5	5-3/4"	2
CLBF112	NX	9-slot	—	0.85 X 60°W	32229	NX70LBHS	150	B8001	4	5-3/4"	2

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Crown Boiler Co. (cont'd)</b>											
CLBF68	NX	9-slot	—	0.50 X 60°W	32229	NX70LBHS	150	B8001	2.5	5-3/4"	2
CLBF87	NX	9-slot	—	0.60 X 60°W	32229	NX70LBHS	150	B8001	3	5-3/4"	2
CLBF96	NX	9-slot	—	0.65 X 60°W	32229	NX70LBHS	150	B8001	3.5	5-3/4"	2
CLBR112	NX	9-slot	—	0.85 X 60°W	32229	NX70LBHS	150	B8001	4	5-3/4"	2
CLBR68	NX	9-slot	—	0.50 X 60°W	32229	NX70LBHS	150	B8001	2.5	5-3/4"	2
CLBR87	NX	9-slot	—	0.60 X 60°W	32229	NX70LBHS	150	B8001	3	5-3/4"	2
CLBR96	NX	9-slot	—	0.65 X 60°W	32229	NX70LBHS	150	B8001	3.5	5-3/4"	2
CSHB60EX-XP	NX	9-slot	—	0.40 X 70°A	32229	NX50LGHS	150	B8001	2	4-1/2"	2
CSHB73XE-XP	NX	9-slot	—	0.50 X 70°A	32229	NX50LGHS	150	B8001	2.25	4-1/2"	2
CSHB90XE-XP	NX	9-slot	—	0.60 X 70°A	32229	NX50LGHS	150	B8001	2.75	4-1/2"	2
TWZ065	NX	6-slot	—	0.55 X 60°B (H)	—	NX70LC	140	B8001	1.25	2-1/4"	31, 45
TWZ075	NX	6-slot	—	0.65 X 60°B (H)	—	NX70LC	140	B8001	2	2-1/4"	31, 45
TWZ090	NX	9-slot	—	0.75 X 60°B (H)	—	NX70LB	150	B8001	2.25	2-1/4"	31, 45
TWZ100	NX	6-slot	—	0.85 X 60°B (H)	—	NX70LC	140	B8001	3	2-1/4"	31, 45
TWZ120	NX	9-slot	—	0.90 X 60°B (H)	—	NX70LD	175	B8001	1	2-1/4"	31, 45
TWZ125	NX	9-slot	—	1.00 X 60°B (H)	—	NX70LB	150	B8001	3.25	2-1/4"	31, 45
TWZ125	NX	9-slot	—	1.00 X 60°B (H)	—	NX70LD	150	B8001	1	2-1/4"	31, 45
TWZ150	NX	9-slot	—	1.20 X 60°B (H)	—	NX70LD	150	B8001	2.25	2-1/4"	31, 45
TWZ175	NX	9-slot	—	1.35 X 60°B (H)	—	NX70LD	175	B8001	3.5	2-1/4"	31, 45
(2) "HS" on air tube combination = ceramic heat shield on combustion head.											
(16) With conic shroud, "Z" dimension is 1-3/4".											
(27) Requires stainless steel air tube.											
(31) The (H) in the nozzle description denotes a Hago.											
(37) AQ in ATC designates 16-slot venturi.											
(45) Must maintain 4° downward pitch on air tube/flange.											
<b>Day &amp; Night</b>											
361AAN036075	AFG	F3	3-3/8"	0.50 X 70°H	5880	AF47YHFS	100	B2008	S-8 / B-0	—	1
361AAN036105	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	S-8 / B-0	—	1
361AAN048125	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	S-8 / B-0	—	1
361AAN060155	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	S-9 / B-1	—	1
362AAN036075	AFG	F3	3-3/8"	0.50 X 80°S	5880	AF47YHFS	100	B2008	S-8 / B-0	—	1
362AAN036105	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	S-8 / B-0	—	1
362AAN048125	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	S-8 / B-0	—	1
362AAN060155	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	S-9 / B-1	—	1
363AAN060195	AFG	F12	2-3/4"	1.35 X 70°S	—	AF67XOFS	100	B2008	S-5 / B-1	—	1
363AAN060260	AFG	F12	2-3/4"	1.50 X 70°S	—	AF67XOFS	100	B2008	S-5 / B-1	—	1
363ARP060210	AFG	F12	2-3/4"	1.50 X 70°S	—	AF67XOFS	100	B2008	S-5 / B-1	—	1
(1) "FS" on air tube combination = fiber heat shield on combustion head.											
<b>Dedietrich / Marketing Company of North America</b>											
GT113A	AFG	L2	NONE	0.50 X 60°AS	—	AFG50MRNASN	175	B2007	S-5 / B-0	3-3/4"	9,16,48
GT114A	AFG	L2	NONE	0.60 X 45°B	—	AFG50MRNASN	175	B2007	S-7 / B-0	3-3/4"	9,16,48
GT115A	AFG	L2	NONE	0.75 X 45°B	—	AFG90MRNASN	175	B2007	S-6 / B-2	7-3/4"	9,16,48
GT116A	AFG	V1-0	—	0.85 X 45°B	—	AFG90MLASN	175	B2007	S-6 / B-3	7-3/4"	9
GT216A	CF375	V1-1	—	1.35 X 45°ES	—	CF56KY	200	BCF3907	S-8 / B-0	4-1/2"	
GT217A	CF500	V1-2	—	1.75 X 45°B (H)	—	CF60KK	150	BCF809	S-4 / B-0	3-3/4"	9, 31
GT218A	CF500	V1-2	—	2.00 X 45°B	—	CF60KK	150	BCF809	S-5 / B-0	3-3/4"	9
GT124A	NX	6-slot	—	0.60 X 60°B	—	NX90LC	175	B8001	1.25	4-1/2"	40
GT124A-DV	NX	6-slot	—	0.50 X 60°A	32229	NX90LC	175	B8001	1.25	4-1/2"	3, 40
GT125A	NX	6-slot	—	0.75 X 45°B (H)	—	NX90LC	175	B8001	2.75	4-1/2"	31, 40
GT125A-DV	NX	6-slot	—	0.55 X 60°B (H)	—	NX90LC	175	B8001	1.75	4-1/2"	3,31,40
GT126A	NX	9-slot	—	0.85 X 45°B (H)	—	NX90LB	180	B8001	3	7"	31, 40

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Dedietrich / Marketing Company of North America (cont'd)</b>											
GT126A-DV	NX	9-slot	—	0.65 X 60°B (H)	—	NX90LB	175	B8001	2.5	7"	3,31,40
GT204	SMG	SV1-0	—	1.25 X 60°B	—	SMG82NR	150	—	S-6 / B-0	4-1/4"	
<p>(3) Pre/post-purge control must be used.</p> <p>(9) Electrode settings of 1/4" above center of nozzle, 1/8" in front of nozzle and gap 5/32".</p> <p>(16) With conic shroud, "Z" dimension is 1-3/4".</p> <p>(31) The (H) in the Nozzle Description denotes a Hago.</p> <p>(40) Must maintain 0° downward pitch on air tube/flange.</p> <p>(48) "MR" air tube combination uses CF375 electrode kit 51858.</p>											
<b>Dettson Industries</b>											
AM 101	AFG	F3	2-3/4"	0.85 X 80°W	—	AF53XN	100	B2007	—	—	
AM 120	AFG	F6	2-3/4"	1.00 X 80°A	—	AF53YB	100	B2007	—	—	
AM 130	AFG	F6	2-3/4"	1.10 X 80°A	—	AF53YB	100	B2007	—	—	
AM 140	AFG	F6	2-3/4"	1.20 X 80°A	—	AF53YB	100	B2007	—	—	
AM 76	AFG	F3	2-3/4"	0.65 X 80°W	5880	AF53XN	100	B2007	—	—	
AM 87	AFG	F3	2-3/4"	0.75 X 80°W	5880	AF53XN	100	B2007	—	—	
AM110	AFG	F3	2-3/4"	0.85 X 80°W	—	AF53XN	120	B2007	—	—	
AME 15-79	AFG	F3	2-3/4"	0.65 X 80°W	5880	AF53XN	100	B2007	—	—	
AME 20-90	AFG	F3	2-3/4"	0.75 X 80°W	5880	AF53XN	100	B2007	—	—	
AME 25-100	AFG	F3	2-3/4"	0.85 X 80°W	—	AF53XN	100	B2007	—	—	
AMP-105	AFG	F3	3-3/8"R	0.65 X 70°B	5880	AF53BN	130	B2007	S-8 / B-0	2-7/8"	
AMP/AMT112	AFG	L2	3-3/8"	0.60 X 60°W	5880	AFG70MQSS	140	B2007	S-10 / B-0	1-3/4"	27
AMP-75	AFG	F3	3-3/8"R	0.50 X 70°W	5880	AF53BN	160	B2007	S-5 / B-0	2-7/8"	
AMP-90	AFG	F3	3-3/8"R	0.55 X 70°B	5880	AF53BN	140	B2007	S-7 / B-0	2-7/8"	
AMP/AMT098	AFG	L2	3-3/8"	0.50 X 60°A	5880	AFG70MQSS	150	B2007	S-6 / B-0	1-3/4"	27
AMT 105	AFG	F3	3-3/8"R	0.65 X 70°B	—	AF53BN	130	B2007	S-8 / B-0	2-7/8"	
AMT 120	AFG	F3	2-3/4"	0.75 X 70°B	—	AF53XN	130	B2007	S-8 / B-1	2-7/8"	
AMT 140	AFG	F3	2-3/4"	0.85 X 70°B	—	AF53XN	140	B2007	S-4 / B-4	2-7/8"	
AMT 155	AFG	F6	2-3/4"	0.85 X 70°B	—	AF53YB	170	B2007	S-8 / B-2	2-7/8"	
AMT 75	AFG	F3	3-3/8"R	0.50 X 70°W	—	AF53BN	100	B2007	S-5 / B-0	2-7/8"	
AMT 90	AFG	F3	3-3/8"R	0.55 X 70°B	—	AF53BN	140	B2007	S-7 / B-0	2-7/8"	
CCC 59	AFG	F3	3-3/8"R	0.50 X 80°W	—	AF65BN	100	B2007	—	5-5/8"	
CCC 76	AFG	F3	3-3/8"R	0.65 X 80°W	—	AF65BN	100	B2007	—	5-5/8"	
CCC 87	AFG	F3	3-3/8"R	0.75 X 80°W	—	AF65BN	100	B2007	—	5-5/8"	
CCC 98	AFG	F3	3-3/8"R	0.85 X 80°W	—	AF65BN	100	B2007	—	5-5/8"	
CM 32	AFG	F0	3-3/8"R	0.65 X 80°W	5880	AF65BO	100	B2007	S-7 / B-0	5-5/8"	
GEYSER	AFG	V1-1	2-3/4"	1.20 X 60°B	—	AFG50MD	100	B2007	—	—	
HEB 104	AFG	F3	2-3/4"	0.85 X 80°A	—	AF53XN	100	B2007	—	—	
HEB 112	AFG	F3	2-3/4"	0.85 X 70°B	—	AF53XN	120	B2007	—	—	
HEB 123	AFG	F3	2-3/4"	1.10 X 70°B	—	AF53XN	100	B2007	—	—	
HEB 134	AFG	F3	2-3/4"	1.20 X 80°A	—	AF53XN	100	B2007	—	—	
HM 103	AFG	F3	2-3/4"	0.85 X 80°W	5880	AF53XN	100	B2007	—	—	
HM 103B	AFG	F3	2-3/4"	0.85 X 90°A	—	AF53XN	100	B2007	—	—	
HM 121	AFG	F6	2-3/4"	1.00 X 80°A	—	AF53YB	100	B2007	—	—	
HM 121B	AFG	F3	3-3/8"	1.00 X 90°A	—	AF53YH	100	B2007	—	—	
HM 144	AFG	F6	2-3/4"	1.20 X 80°A	—	AF53YB	100	B2007	—	—	
HM 159	AFG	F6	2-3/4"	1.35 X 80°A	—	AF53YB	100	B2007	—	—	
HM 185	AFG	V1-1	2-3/4"	1.50 X 70°B	—	AFG50MD	100	B2007	—	—	
HM 212	AFG	V1-2	2-3/4"	1.75 X 70°B	—	AFG50MD	100	B2007	S-10 / B-6	2-7/8"	
HM 240	AFG	V1-3	2-3/4"	2.00 X 70°B	—	AFG50MD	100	B2007	—	—	
HM 240A	AFG	F22	2-3/4"	2.00 X 80°A	—	AF53XP	100	B2007	—	—	



Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Dettson Industries (cont'd)</b>											
HM 266	AFG	V1-3	2-3/4"	2.25 X 70°B	—	AFG50MD	100	B2007	—	—	
HM 266A	AFG	F22	2-3/4"	2.25 X 80°B	—	AF53XP	100	B2007	—	—	
HM 293	AFG	V1-4	2-3/4"	2.50 X 70°B	—	AFG50MD	100	B2007	—	—	
HM 293A	AFG	F22	2-3/4"	2.50 X 80°B	—	AF53XP	100	B2007	—	—	
HM 92B	AFG	F3	2-3/4"	0.75 X 90°A	—	AF53XN	100	B2007	—	—	
HMD 124	AFG	F3	2-3/4"	1.00 X 80°A	—	AF53XN	100	B2007	—	—	
HMD 146	AFG	F6	2-3/4"	1.20 X 80°A	—	AF53YB	100	B2007	—	—	
HMD 163	AFG	F6	2-3/4"	1.35 X 80°A	—	AF53YB	100	B2007	—	—	
HMD 179	AFG	F6	2-3/4"	1.50 X 80°A	—	AF53YB	100	B2007	—	—	
HMD 208	AFG	F12	2-3/4"	1.75 X 80°A	—	AF53XO	100	B2007	—	—	
HMD 235	AFG	F12	2-3/4"	2.00 X 80°A	—	AF53XO	100	B2007	—	—	
HME 15-79	AFG	F0	2-3/4"	0.65 X 80°W	—	AF53XZT	100	B2007	—	—	
HME 18-79	AFG	F0	2-3/4"	0.65 X 80°W	—	AF53XZT	100	B2007	—	—	
HME 20-90	AFG	F3	2-3/4"	0.75 X 80°W	—	AF53XN	100	B2007	—	—	
HME 23-102	AFG	F3	2-3/4"	0.85 X 80°W	—	AF53XN	100	B2007	—	—	
HME 25-102	AFG	F3	2-3/4"	0.85 X 80°W	—	AF53XN	100	B2007	—	—	
HMR 121	AFG	F3	2-3/4"	1.00 X 80°A	—	AF53XN	100	B2007	—	—	
HMR 80	AFG	F0	2-3/4"	0.65 X 80°W	5880	AF53XZT	100	B2007	—	—	
HMR 92	AFG	F3	2-3/4"	0.75 X 80°W	5880	AF53XN	100	B2007	—	—	
HMR103	AFG	F3	2-3/4"	0.85 X 80°W	5880	AF53XN	100	B2007	—	—	
MBP 115	AFG	F3	3-3/8"R	1.00 X 80°W	—	AF65BN	100	B2007	—	5-5/8"	
MBP 76	AFG	F3	3-3/8"R	0.65 X 80°W	—	AF65BN	100	B2007	—	5-5/8"	
MBP 87	AFG	F3	3-3/8"R	0.75 X 80°W	—	AF65BN	100	B2007	—	5-5/8"	
MBP 98	AFG	F3	3-3/8"R	0.85 X 80°W	—	AF65BN	100	B2007	—	5-5/8"	
MBP2	AFG	F6	3-3/8"R	1.10 X 80°W	5880	AF65WN	100	B2007	—	5-5/8"	
MBPF 115	AFG	F3	3-3/8"R	1.00 X 80°W	—	AF65BN	100	B2007	—	5-5/8"	
MBPF 76	AFG	F3	3-3/8"R	0.65 X 80°W	—	AF65BN	100	B2007	—	5-5/8"	
MBPF 87	AFG	F3	3-3/8"R	0.75 X 80°W	—	AF65BN	100	B2007	—	5-5/8"	
MBPF 98	AFG	F3	3-3/8"R	0.85 X 80°W	—	AF65BN	100	B2007	—	5-5/8"	
HMD 124	AFII 150	AF2-9	# 2	0.85 X 60°B	—	HLX50HC	140	B7203	4	2-3/4"	
HMD 135	AFII 150	AF2-9	# 3	0.90 X 60°B	—	HLX50HC	140	B7203	4	2-3/4"	
HMD 146	AFII 150	AF2-9	# 6	1.10 X 60°B	—	HLX50HC	140	B7203	6	2-3/4"	
HMD 163	AFII 150	AF2-9	# 8	1.20 X 60°B	—	HLX50HC	140	B7203	6	2-3/4"	
AMP/AMT154	NX	6-slot	—	0.75 X 60°B	—	NX50LC	160	B8001	2.5	1-3/4"	40
AMP/AMT098	NX	6-slot	—	0.40 X 60°W	32229	NX56LQ	155	B8001	2	1-3/4"	40
AMP/AMT098	NX	6-slot	—	0.50 X 60°W	32229	NX56LQ	145	B8001	2.75	1-3/4"	40
AMP/AMT112	NX	6-slot	—	0.60 X 60°W	—	NX56LQ	145	B8001	2.5	1-3/4"	40
<i>(27) Requires stainless steel air tube.</i>											
<i>(40) Must maintain 0° downward pitch on air tube/flange.</i>											
<b>Ducane</b>											
HB125	AF	F3	3-1/2"	1.10 X80°B	—	AF65WR	100	B3001	S-8 / B-0	—	
LB125	AF	F3	3-1/2"	1.10 X80°B	—	AF65WR	100	B3001	S-8 / B-0	—	
C100	AFG	F3	3-3/8"	0.90 X 70°A	5880	AF47YHHS	100	B2008	S-8 / B-0	—	2
C125	AFG	F6	2-3/4"	1.10 X 70°A	5880	AF67YBHS	100	B2008	S-8 / B-0	—	2
C85	AFG	F3	3-3/8"	0.75 X 70°A	5880	AF47YHHS	100	B2008	S-8 / B-0	—	2
CHZA055D13C1	AFG	F3	3-3/8"	0.50 X 80°S	5880	AF47YHFS	100	B2008	S-4 / B-0	—	1
CHZA075D13C1	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	S-8 / B-0	—	1
CHZA100D12C1	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	S-8 / B-0	—	1

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Ducane (cont'd)</b>											
CHZA125D34C1	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	S-8 / B-0	—	1
DCFA 085	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	S-8 / B-0	—	1
DCFA 100	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	S-8 / B-0	—	1
DCFA 125	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	S-8 / B-0	—	1
DOHA112/125R5-A	AFG	F6	2-3/4"	0.85 X 80°B	—	AF50YB	140	B2007	S-6 / B-1	—	
DOHA168/196R6-A	AFG	F16	2-3/4"	1.50 X 80°B	—	AF56WF	140	B2007	S-6 / B-2	—	
DOHA57/72R3-A	AFG	F0	2-3/4"	0.50 X 80°A	5880	AF50XZT	100	B2007	S-4 / B-0	—	
DOHA84/95R3-A	AFG	F6	2-3/4"	0.65 X 80°B	5880	AF50YB	140	B2007	S-6 / B-0	—	
DOLA112/125F5-A	AFG	F6	2-3/4"	0.85 X 80°B	—	AF50YB	140	B2007	S-6 / B-4	—	
DOLA57/72F3-A	AFG	F0	2-3/4"	0.50 X 80°A	5880	AF50XZT	140	B2007	S-4 / B-0	—	
DOLA84/95F4-A	AFG	F6	2-3/4"	0.65 X 80°B	5880	AF50YB	140	B2007	S-6 / B-0	—	
DOUA112/125F5-A	AFG	F6	2-3/4"	0.85 X 80°B	—	AF50YB	140	B2007	S-6 / B-1	—	
DOUA57/72F3-A	AFG	F0	2-3/4"	0.50 X 80°A	5880	AF50XZT	140	B2007	S-4 / B-0	—	
DOUA84/95F4-A	AFG	F6	2-3/4"	0.65 X 80°B	5880	AF50YB	140	B2007	S-6 / B-0	—	
HB100	AFG	F3	3-3/8"	0.90 X 70°A	5880	AF47YHHS	100	B2008	S-8 / B-0	—	2
HB55	AFG	D1	3-3/8"	0.50 X 80°B	5880	AF47JS	100	B2008	S-4 / B-0	—	7
HB85	AFG	F3	3-3/8"	0.65 X 80°A	5880	AF90YH	100	B2008	S-8 / B-0	5-5/8"	
LB100	AFG	F3	3-3/8"	0.90 X 70°A	5880	AF47YHHS	100	B2008	S-8 / B-0	—	2
LB150	AFG	F6	2-3/4"	1.35 X 70°A	—	AF67YBHS	100	B2008	S-9 / B-1	—	2
LB85	AFG	F3	3-3/8"	0.65 X 80°A	5880	AF90YH	100	B2008	S-8 / B-0	—	
S100	AFG	F3	3-3/8"	0.90 X 70°A	5880	AF47YHHS	100	B2008	S-8 / B-0	—	2
S125	AFG	F6	2-3/4"	1.10 X 70°A	5880	AF67YBHS	100	B2008	S-8 / B-0	—	2
S150	AFG	F6	2-3/4"	1.35 X 70°A	—	AF67YBHS	100	B2008	S-9 / B-1	—	2
S85	AFG	F3	3-3/8"	0.75 X 70°A	5880	AF47YHHS	100	B2008	S-8 / B-0	—	2
UHCA100D12C1	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	S-8 / B-0	—	1
UHCA125D34C1	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	S-8 / B-0	6-7/8"	1
UHCA055D13C1	AFG	F3	3-3/8"	0.50 X 80°S	5880	AF47YHFS	100	B2008	S-8 / B-0	4-7/8"	1
UHCA085D13C1	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	S-8 / B-0	—	1
UHZ150D34C2	AFG	F12	2-3/4"	1.35 X 70°S	—	AF67XOFS	100	B2008	S-8 / B-0	—	1
UHZA200D34C2	AFG	F12	2-3/4"	1.50 X 70°S	—	AF67XOFS	100	B2008	S-5 / B-2	—	1
UHZB 055	AFG	F3	3-3/8"	0.50 X 70°H	5880	AF47YHFS	100	B2008	S-4 / B-0	—	1
UHZB 085	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	S-8 / B-0	—	1
UHZB 100	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	S-8 / B-0	—	1
UHZB 125	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	S-8 / B-0	—	1
UHZB 175	AFG	F12	2-3/4"	1.50 X 70°S	5880	AF67XOFS	100	B2008	S-5 / B-2	—	1
ULBA055D13C1	AFG	F3	3-3/8"	0.50 X 80°S	5880	AF47YHFS	100	B2008	S-4 / B-0	—	1
ULBA085D13C1	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	S-8 / B-0	—	1
ULBA100D12C1	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	S-8 / B-0	—	1
ULBA125D34C1	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	S-9 / B-1	—	1
ULBB 085	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	S-8 / B-0	—	1
ULBB 100	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	S-8 / B-0	—	1
ULBB 125	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	S-8 / B-0	—	1
(1) "FS" on air tube combination = fiber heat shield on combustion head.											
(2) "HS" on air tube combination = ceramic heat shield on combustion head.											
(7) D1 head requires 7/8" "Z" dimension.											
<b>Dunkirk Radiator</b>											
1342, 134S	AF	F3	2-3/4"	1.00 X 80°A	—	AF60XN	100	B3001	—	—	
134-2,S	AF	F3	2-3/4"	1.00 X 80°B	—	AF60XN	100	B3001	—	—	
1352, 135S	AF	F12	2-3/4"	1.35 X 80°A	—	AF60XO	100	B3001	—	—	
135-2,S	AF	F6	2-3/4"	1.35 X 80°A	—	AF60YB	100	B3001	—	—	

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Dunkirk Radiator (cont'd)</b>											
1362, 136S	AF	F12	2-3/4"	1.65 X 80°A	—	AF60XO	100	B3001	—	—	
136-2,S	AF	F6	2-3/4"	1.65 X 80°B	—	AF60YB	100	B3001	—	—	
1372, 137S	AF	F12	2-3/4"	2.00 X 60°A	—	AF60XO	100	B3001	—	—	
137-2,S	AF	F16	NONE	2.00 X 80°B	—	AF60WK	100	B3001	—	—	
1382, 138S	AF	F31	NONE	2.25 X 60°A	—	AF60XS	100	B3001	—	—	
138-2,S	AF	F220	NONE	2.25 X 70°B	—	AF54YG	100	B3001	—	—	
1392, 139S	AF	F31	NONE	2.50 X 60°A	—	AF60XS	100	B3001	—	—	
139-2,S	AF	F220	NONE	2.50 X 70°B	—	AF54YG	100	B3001	—	—	
3E100	AFG	L1	3-3/8"	1.00 X 70°A	—	AFG50MB	100	B2007	—	—	
3E60	AFG	L1	3-3/8"	0.65 X 70°B	—	AFG50MB	100	B2007	S-5 / B-0	2"	
3E75	AFG	L1	3-3/8"	0.75 X 70°A	—	AFG50MB	100	B2007	—	—	
4095	AFG	L2	3-3/8"	0.85 X 60°B	—	AFG70MQSSN	125	B2007	S-10 / B-1	2-5/8"	9
4110	AFG	L1	NONE	0.90 X 60°B (H)	—	AFG70MSASN	150	B2007	S-10 / B-1	2-5/8"	9
4E125	AFG	V1-0	2-3/4"	1.25 X 70°B	—	AFG50MD	100	B2007	—	—	
4E150	AFG	V1-1	2-3/4"	1.50 X 70°B	—	AFG50MD	100	B2007	—	—	
4E90	AFG	V1-0	2-3/4"	0.90 X 60°W	—	AFG50MD	100	B2007	—	—	
5E175	AFG	V1-3	2-3/4"	1.75 X 70°B	—	AFG50MD	100	B2007	S-10 / B-4	2"	
5E200	AFG	V1-4	2-3/4"	2.00 X 70°B	—	AFG50MD	100	B2007	S-10 / B-4	2"	
5E120	AFG	V1-0	2-3/4"	1.20 X 70°B	—	AFG50MD	100	B2007	S-10 / B-2	2"	
DPFO-3	AFG	F3	2-3/4"	0.75 X 80°B	—	AF65XN	140	B2007	S-7 / B-0	4-1/2"	
DPFO-3	AFG	F0	2-3/4"	0.65 X 70°A	5880	AF65XZT	140	B2007	S-7 / B-0	4-1/2"	
DPFO-3	AFG	F0	2-3/4"	0.60 X 80°A	—	AF65XZT	140	B2007	S-7 / B-0	4-1/2"	
DPFO-3T	AFG	F0	2-3/4"	0.60 X 80°A	—	AF65XZT	140	B2007	S-7 / B-0	4-1/2"	
DPFO-3T	AFG	F3	2-3/4"	0.75 X 80°A	—	AF65XN	140	B2007	S-7 / B-0	4-1/2"	
DPFO-3T	AFG	F3	2-3/4"	0.90 X 80°B	—	AF65XN	140	B2007	S-7 / B-0	4-1/2"	
DPFO-4	AFG	F3	2-3/4"	0.75 X 80°A	—	AF65XN	140	B2007	S-7 / B-0	4-1/2"	
DPFO-4	AFG	F0	2-3/4"	0.60 X 80°A	5880	AF65XZT	140	B2007	S-7 / B-0	4-1/2"	
DPFO-4	AFG	F6	2-3/4"	1.20 X 80°B	—	AF65YB	140	B2007	S-7 / B-0	4-1/2"	
DPFO-4T	AFG	F3	2-3/4"	0.85 X 80°B	—	AF65XN	140	B2007	S-7 / B-0	4-1/2"	
DPFO-4T	AFG	F6	2-3/4"	1.25 X 80°B	—	AF65YB	140	B2007	S-7 / B-0	4-1/2"	
DPFO-4T	AFG	F0	2-3/4"	0.60 X 80°B	5880	AF65XZT	140	B2007	S-7 / B-0	4-1/2"	
DPFO-5	AFG	F3	2-3/4"	0.65 X 80°A	5880	AF65XN	140	B2007	S-7 / B-0	4-1/2"	
DPFO-5	AFG	F12	2-3/4"	1.50 X 80°A	—	AF65XO	140	B2007	S-7 / B-0	4-1/2"	
DPFO-5	AFG	F6	2-3/4"	1.00 X 80°A	—	AF65YB	140	B2007	S-7 / B-0	4-1/2"	
DPFO-5T	AFG	F3	2-3/4"	0.65 X 70°A	5880	AF65XN	140	B2007	S-7 / B-0	4-1/2"	
DPFO-5T	AFG	F6	2-3/4"	1.00 X 70°A	—	AF65YB	140	B2007	S-7 / B-0	4-1/2"	
DPFO-5T	AFG	F12	2-3/4"	1.50 X 70°A	—	AF65XO	140	B2007	S-7 / B-0	4-1/2"	
DPFO-6T	AFG	F6	2-3/4"	1.20 X 80°ES	—	AF65YB	140	B2007	S-7 / B-0	4-1/2"	
DPFO-7	AFG	F6	2-3/4"	1.35 X 70°B	—	AF65YB	140	B2007	S-7 / B-0	4-1/2"	
ES 3	AFG	V1-1	2-3/4"	1.10 X 70°B	—	AFG50MD	140	B2007	S-10 / B-2	2"	
ES 3	AFG	L1	3-3/8"	0.85 X 60°W	—	AFG50MB	140	B2007	S-10 / B-1	2"	
ES 3	AFG	V1-1	2-3/4"	1.20 X 70°B	—	AFG50MD	140	B2007	S-10 / B-2	2"	
ES 4	AFG	V1-3	2-3/4"	1.25 X 60°B	—	AFG50MD	140	B2007	S-10 / B-2	2"	
ES 4	AFG	V1-3	2-3/4"	1.50 X 60°B	—	AFG50MD	140	B2007	S-10 / B-2	2"	
ES 4	AFG	V1-3	2-3/4"	1.65 X 60°B	—	AFG50MD	140	B2007	S-10 / B-2	2"	
EW 3	AFG	F3	3-1/2"	0.85 X 70°B	—	AF44WR	140	B2007	S-10 / B-2	2-1/4"	
EW 3	AFG	F3	3-1/2"	0.65 X 70°B	—	AF44WR	140	B2007	S-10 / B-2	2-1/4"	
EW 3	AFG	F0	3-5/8"R	0.50 X 80°B	—	AF44YL	175	B2007	S-10 / B-2	2-1/4"	
EW 4	AFG	F3	3-1/2"	0.75 X 80°A	—	AF44WR	140	B2007	S-10 / B-2	2-1/4"	
EW 4	AFG	F6	3-3/8"	1.00 X 80°A	—	AF44BA	140	B2007	S-10 / B-2	2-1/4"	
EW 4	AFG	F6	3-3/8"	1.25 X 80°A	—	AF44BA	140	B2007	S-10 / B-2	2-1/4"	

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Dunkirk Radiator (cont'd)</b>											
EW 5	AFG	V1-0	2-3/4"	1.00 X 60°B	—	AFG50MD	100	B2007	S-10 / B-5	2-1/4"	
EW 5	AFG	V1-2	2-3/4"	1.50 X 45°B	—	AFG50MD	100	B2007	S-10 / B-5	2-1/4"	
EW 5	AFG	V1-4	2-3/4"	1.65 X 60°B	—	AFG50MD	100	B2007	S-10 / B-5	2-1/4"	
EXB4075	AFG	L2	3-3/8"	0.65 X 60°B	—	AFG70MQASN	140	B2007	S-7 / B-0	2-5/8"	3, 9
EXB4095	AFG	L2	3-3/8"	0.85 X 60°B	—	AFG70MQSSN	125	B2007	S-10 / B-1	2-5/8"	9
EXB4100	AFG	L1	NONE	0.90 X 60°B (H)	—	AFG70MSASN	150	B2007	S-10 / B-1	2-5/8"	9
EXB5100	AFG	L2	3-3/8"U	0.85 X 60°B	—	AFG70MQASN	140	B2007	S-10 / B-2	2-5/8"	3, 9, 31
EXB6130	AFG	V1-0	2-3/4"	1.10 X 60°AS	—	AFG70MKAQN	140	B2007	S-10 / B-1	2-5/8"	3, 9
EXB6145	AFG	V1-2	2-3/4"M	1.10 X 45°AS	—	AFG70MKAQN	175	B2007	S-5 / B-3	2-5/8"	9
EXB7165	AFG	V1-2	2-3/4"M	1.25 X 45°AS	—	AFG70MKAQN	175	B2007	S-8 / B-2	2-5/8"	3, 9
DPFO-6	CF375	SL1-2	—	1.75 X 60°B	—	CF56KZ	140	BCF3907	S-10 / B-0	4"	
DPFO-6T FDVS 2.10	CF375	SL1-0	—	1.75 X 45°B	—	CF56KZ	140	BCF3907	—	4"	
DPFO-7	CF375	SL1-2	—	2.00 X 60°B	—	CF56KZ	140	BCF3907	S-10 / B-3	4"	
DPFO-7T FDVS 2.35	CF375	SL1-0	—	2.00 X 45°B	—	CF56KZ	140	BCF3907	—	4"	
DPFO-8	CF375	SL1-3	—	2.25 X 60°B	—	CF56KZ	140	BCF3907	S-10 / B-3	4"	
DPFO-8T FDVS 1.90	CF375	V1-1	—	1.50 X 45°B	—	CF56KY	140	BCF3907	—	4"	
DPFO-8T FDVS 2.75	CF375	SL1-1	—	2.25 X 45°B	—	CF56KZ	140	BCF3907	—	4"	
DPFO-9	CF375	SL1-5	—	2.50 X 60°B	—	CF56KZ	140	BCF3907	S-10 / B-4	4"	
DPFO-9 FDVS 2.00	CF375	SL1-0	—	1.65 X 45°B	—	ACF56KZ	140	BCF3907	—	4"	
DPFO-9 FDVS 3.00	CF375	SL1-3	—	2.50 X 45°B	—	CF56KZ	140	BCF3907	—	4"	
EXB4075DV	NX	6-slot	—	0.60 X 60°B	—	NX70LC	150	B8001	1.5	2-1/2"	
EXB4095DV	NX	6-slot	—	0.75 X 60°B (H)	—	NX70LC	155	B8001	4	2-1/2"	31
EXB5100DV	NX	6-slot	—	0.75 X 45°B	—	NX70LC	175	B8001	4	2-1/2"	
EXB5115DV	NX	6-slot	—	1.00 X 60°B	—	NX70LF	140	B8001	1.8	2-1/2"	
EXB5135DV	NX	6-slot	—	1.10 X 60°B	—	NX70LF	150	B8001	2	2-1/2"	
EXB6130DV	NX	9-slot	—	1.00 X 45°AS	—	NX70LD	175	B8001	2	2-1/2"	
DPFO-6T	SMG	SV1-0	—	1.75 X 60°AS	5880	SMG60NR	140	B1406	S-7 / B-0	4-1/2"	
DPFO-7	SMG	SV1-1	—	2.00 X 60°B	—	SMG60NR	140	B1406	S-7 / B-0	4-1/2"	
DPFO-8T	SMG	SV1-3	—	2.50 X 45°P	—	SMG60NR	140	B1406	S-7 / B-0	4-1/2"	
DPFO-8T	SMG	SV1-.5	—	1.65 X 60°ES	5880	SMG60NR	140	B1406	S-7 / B-0	4-1/2"	
DPFO-9	SMG	SV1-3	—	2.50 X 45°B	—	SMG60NR	140	B1406	S-7 / B-0	4-1/2"	
DPFO-9	SMG	SV1-.5	—	1.65 X 60°ES	5880	SMG60NR	140	B1406	S-7 / B-0	4-1/2"	
<i>(3) Pre/post-purge control must be used.</i>											
<i>(9) Electrode settings of 1/4" above center of nozzle, 1/8" in front of nozzle and gap 5/32".</i>											
<i>(31) The (H) in the Nozzle Description denotes a Hago.</i>											
<b>Dynatherm</b>											
XLT10	AFG	L1	3-3/8"	0.85 X 60°B	—	AFG50MB	170	B2008	S-10 / B-3	2"	
XLT10	AFG	L1	3-3/8"	0.60 X 60°B	—	AFG50MB	140	B2008	S-8 / B-0	2"	
XLT10	AFG	L1	3-3/8"	0.75 X 60°B	—	AFG50MB	140	B2008	S-10 / B-0	2"	
XLT10	AFG	L1	3-3/8"	0.85 X 60°B	—	AFG50MB	140	B2008	S-10 / B-1	2"	
FP-24	AFII 100	AF2-6	# 6	0.85 X 45°B (H)	—	HLX50HB	160	—	6	2-5/8"	31, 42
FP-24	AFII 150	AF2-6	# 4	0.85 X 45°B (H)	—	HLX50HB	160	B7210	4	2-5/8"	31, 42
FP-24	AFII 150	AF2-6	# 6	1.00 X 45°B (H)	—	HLX50HB	160	B7210	5	2-5/8"	31, 42
FP-24	AFII-100	AF2-6	# 4	0.65 X 60°B (H)	—	HLX50HB	160	—	4	2-5/8"	31, 42
<i>(31) The (H) in the Nozzle Description denotes a Hago.</i>											
<i>42) Must maintain 1° downward pitch on air tube/flange.</i>											
<b>Elect. Furnace-Man</b>											
HO-100-4	AF	F3	2-3/4"	0.75 X 70°S	—	AF56XN	100	B3001	—	—	
HO-125-4	AF	F3	2-3/4"	1.10 X 70°S	—	AF56XN	100	B3001	—	—	
LO-100-4	AF	F3	2-3/4"	0.75 X 70°S	—	AF56XN	100	B3001	—	—	
LO-125-4	AF	F3	2-3/4"	1.10 X 70°S	—	AF56XN	100	B3001	—	—	

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Elect. Furnace-Man (cont'd)</b>											
LO-150-4	AF	F12	2-3/4"	1.25 X 70°S	—	AF56XO	100	B3001	—	—	
LO-200—2	AF	F12	2-3/4"	1.75 X 70°S	—	AF56XO	100	B3001	—	—	
OBT-275-C5	AF	F31	NONE	2.75 X 70°B	—	AF56XS	100	B3001	—	—	
OBT-300-C5	AF	F31	NONE	3.00 X 70°B	—	AF56XS	100	B3001	—	—	
VT-1140	AF	F12	2-3/4"	1.75 X 70°S	—	AF56XO	100	B3001	—	—	
DF-520	AFG	F12	2-3/4"	1.50 X 80°H	—	AF56XO	100	B2007	—	—	
HBO-105	AFG	F4	3-3/8"	0.75 X 70°H	—	AF65WPHSSS	100	B2008	—	—	2, 27
HBO-120	AFG	F4	3-3/8"	0.85 X 80°S	—	AF65WPHSSS	100	B2008	—	—	2, 27
HBO-140	AFG	F4	3-3/8"	1.00 X 70°H	—	AF90WHHSSS	100	B2008	—	—	2, 27
HBO-175	AFG	F4	3-3/8"	1.25 X 80°S	—	AF90WHHSSS	100	B2008	—	—	2, 27
HBO-85	AFG	F0	3-3/8"	0.60 X 80°H	—	AF65XRHS	100	B2008	—	—	2
K-1200	AFG	F22	2-3/4"	2.25 X 70°S	—	AF56XP	100	B2007	—	—	
KDF, KDR-115-101	AFG	L1	3-3/8"	0.85 X 60°B	—	AFG70MB	100	B2007	—	—	
LBO-105	AFG	F3	3-3/8"	0.75 X 80°S	—	AF65YHHSSS	100	B2008	—	—	2, 27
LBO-120	AFG	F3	3-3/8"	0.85 X 80°S	—	AF65YHHSSS	100	B2008	—	—	2, 27
LBO-140	AFG	F6	3-3/8"	1.00 X 70°H	—	AF90WNHSSS	100	B2008	—	—	2, 27
LBO-175	AFG	F6	3-3/8"	1.25 X 80°S	—	AF90WNHSSS	100	B2008	—	—	2, 27
LBO-85	AFG	F3	3-3/8"	0.60 X 80°H	—	AF65YHHSSS	100	B2008	—	—	2, 27
OBT-100-C5	AFG	F3	2-3/4"	1.00 X 70°B	—	AF56XN	100	B2007	—	—	
OBT-125-C5	AFG	F3	2-3/4"	1.25 X 70°B	—	AF56XN	100	B2007	—	—	
OBT-150-C5	AFG	F12	2-3/4"	1.50 X 80°B	—	AF56XO	100	B2007	—	—	
OBT-175-C5	AFG	F12	2-3/4"	1.75 X 80°A	—	AF56XO	100	B2007	—	—	
OBT-200-C5	AFG	F12	2-3/4"	2.00 X 80°B	—	AF56XO	100	B2007	—	—	
OBT-250-C5	AFG	F22	2-3/4"	2.50 X 70°B	—	AF56XP	100	B2007	—	—	
OBT-75-C5	AFG	F3	2-3/4"	0.75 X 70°A	—	AF56XN	100	B2007	—	—	
PK-400	AFG	F3	2-3/4"	0.75 X 70°S	—	AF76XN	100	B2007	S-7 / B-0	5-3/4"	
PK-400	AFG	F3	2-3/4"	0.65 X 70°S	—	AF76XN	100	B2007	S-7 / B-0	5-3/4"	
PK-400	AFG	F3	2-3/4"	0.50 X 80°S	—	AF76XN	100	B2007	S-7 / B-0	5-3/4"	
PK440	AFG	F3	2-3/4"	1.00 X 70°S	—	AF76XN	100	B2007	S-7 / B-0	5-3/4"	
PK440	AFG	F3	2-3/4"	0.85 X 70°S	—	AF76XN	100	B2007	S-7 / B-0	5-3/4"	
PK440	AFG	F3	2-3/4"	1.10 X 70°S	—	AF76XN	100	B2007	S-7 / B-0	5-3/4"	
PK-450	AFG	F3	2-3/4"	1.10 X 70°S	—	AF76XN	100	B2007	S-7 / B-0	5-3/4"	
PK-450	AFG	F3	2-3/4"	1.00 X 70°S	—	AF76XN	100	B2007	S-7 / B-0	5-3/4"	
PK-450	AFG	F3	2-3/4"	0.85 X 70°S	—	AF76XN	100	B2007	S-7 / B-0	5-3/4"	
PK-750	AFG	F6	2-3/4"	1.35 X 70°S	—	AF76YB	100	B2007	S-7 / B-0	5-3/4"	
SPK-600	AFG	F6	2-3/4"	1.35 X 80°S	—	AF76YB	100	B2007	S-7 / B-0	5-3/4"	
SPK-600	AFG	F6	2-3/4"	1.25 X 80°S	—	AF76YB	100	B2007	S-7 / B-0	5-3/4"	
VT-1000	AFG	F6	2-3/4"	1.35 X 70°S	—	AF76YB	100	B2007	S-7 / B-0	5-3/4"	
VT-1000	AFG	F6	2-3/4"	1.10 X 70°S	—	AF76YB	100	B2007	S-7 / B-0	5-3/4"	
VT1000E	AFG	F6	2-3/4"	1.65 X 80°H	—	AF76YB	100	B2007	S-7 / B-0	5-3/4"	
VT1000E	AFG	F6	2-3/4"	1.50 X 80°H	—	AF76YB	100	B2007	S-7 / B-0	5-3/4"	
VT1000E	AFG	F6	2-3/4"	1.35 X 80°H	—	AF76YB	100	B2007	S-7 / B-0	5-3/4"	
VT1000E	AFG	F6	2-3/4"	1.10 X 80°H	—	AF76YB	100	B2007	S-7 / B-0	5-3/4"	
VT700E	AFG	F3	2-3/4"	0.65 X 80°H	—	AF76XN	100	B2007	S-7 / B-0	5-3/4"	
VT700E	AFG	F3	2-3/4"	0.75 X 80°H	—	AF76XN	100	B2007	S-7 / B-0	5-3/4"	
VT700E	AFG	F3	2-3/4"	0.85 X 80°H	—	AF76XN	100	B2007	S-7 / B-0	5-3/4"	
VT700E	AFG	F3	2-3/4"	1.00 X 80°H	—	AF76XN	100	B2007	S-7 / B-0	5-3/4"	

(2) "HS" on air tube combination = ceramic heat shield on combustion head.

(27) Requires Stainless Steel air tube.

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Ener Royal Technology</b>											
EN201	AF	F3	2-3/4"	* X 70°A	—	AF65XN	100	B3001	—	—	11
EN202	AF	F0	3-3/8"	* X 70°A	—	AF53XR	100	B3001	—	—	11
ERCF-73	AF	F0	3-3/8"	0.65 X 70°A	—	AF53XR	100	B3001	—	—	
ERCF-84	AF	F0	3-3/8"	0.75 X 70°A	—	AF53XR	100	B3001	—	—	
ERDLB-125	AF	F6	2-3/4"	1.10 X 70°A	—	AF90YB	100	B3001	—	—	
ERDLB-140	AF	F12	2-3/4"	1.25 X 70°A	—	AF90XO	100	B3001	—	—	
ERDLB-160	AF	F12	2-3/4"	1.35 X 70°A	—	AF90XO	100	B3001	—	—	
ERDLB-175	AF	F12	2-3/4"	1.50 X 70°A	—	AF90XO	100	B3001	—	—	
ERDLB-250	AF	F31	NONE	2.25 X 80°A	—	AF130XS	100	B3001	—	—	
ERDLB-300	AF	F31	NONE	2.75 X 80°B	—	AF130XS	100	B3001	—	—	
ERDLB-335	AF	F31	NONE	3.00 X 80°B	—	AF130XS	100	B3001	—	—	
ERHB-112	AF	F3	2-3/4"	1.00 X 70°A	—	AF62XN	100	B3001	—	—	
ERHB-125	AF	F3	2-3/4"	1.10 X 70°A	—	AF62XN	100	B3001	—	—	
ERHB-56	AF	F0	3-3/8"	0.50 X 70°A	—	AF53XR	100	B3001	—	—	
ERHB-73	AF	F0	3-3/8"	0.65 X 70°A	—	AF53XR	100	B3001	—	—	
ERHB-84	AF	F0	3-3/8"	0.75 X 70°A	—	AF53XR	100	B3001	—	—	
ERHB-95	AF	F3	2-3/4"	0.85 X 70°A	—	AF62XN	100	B3001	—	—	
ERHRZ-112	AF	F3	2-3/4"	1.00 X 80°B	—	AF53XN	100	B3001	—	—	
ERHRZ-140	AF	F6	2-3/4"	1.25 X 80°B	—	AF53YB	100	B3001	—	—	
ERHRZ-168	AF	F6	2-3/4"	1.50 X 80°B	—	AF53YB	100	B3001	—	—	
ERHRZ-224	AF	F22	2-3/4"	2.00 X 80°B	—	AF53XP	100	B3001	—	—	
ERHRZ-84	AF	F3	2-3/4"	0.75 X 80°B	—	AF53XN	100	B3001	—	—	
ERLB-112	AF	F3	2-3/4"	1.00 X 70°A	—	AF62XN	100	B3001	—	—	
ERLB-125	AF	F3	2-3/4"	1.10 X 70°A	—	AF62XN	100	B3001	—	—	
ERLB-56	AF	F0	3-3/8"	0.50 X 70°A	—	AF53XR	100	B3001	—	—	
ERLB-73	AF	F0	3-3/8"	0.65 X 70°A	—	AF53XR	100	B3001	—	—	
ERLB-84	AF	F0	3-3/8"	0.75 X 70°A	—	AF53XR	100	B3001	—	—	
ERLB-95	AF	F3	2-3/4"	0.85 X 70°A	—	AF62XN	100	B3001	—	—	
M141	AF	F6	3-3/8"	1.00 X 80°B	—	AF35YY	100	B3001	—	3-5/8"	
A-COMFORTER	AFG	F3	2-3/4"	0.65 X 70°A	—	AF72XN	100	B2007	—	—	
B-COMFORTER	AFG	F3	2-3/4"	0.75 X 70°A	—	AF72XN	100	B2007	—	—	
C-COMFORTER	AFG	F3	2-3/4"	0.85 X 70°A	—	AF72XN	100	B2007	—	—	
D-COMFORTER	AFG	F3	2-3/4"	1.00 X 70°A	—	AF72XN	100	B2007	—	—	
ERHRZ/CF56-116	AFG	L1	3-3/8"	* X 70°A	—	AFG70MA	100	B2007	—	—	11
ERLB56-84 SF	AFG	F0	3-3/8"	* X 70°A	—	AF65XR	100	B2007	—	—	11
ERLB56-84 SF FF	AFG	F0	3-3/8"	* X 70°A	—	AF65XR	100	B2007	—	—	11
ERLB56-84 SF RF	AFG	F0	3-3/8"	* X 70°A	—	AF65XR	100	B2007	—	—	11
ERLB75-116	AFG	F3	2-3/4"	* X 70°A	—	AF90XNHS	100	B2008	—	—	2, 11
ERLB75-116 FF	AFG	F3	2-3/4"	* X 70°A	—	AF90XNHS	100	B2008	—	—	2, 5, 11
ERLB75-116 RF	AFG	F3	2-3/4"	* X 70°A	—	AF90XNHS	100	B2008	—	—	2, 11
ERLB95-125 SF	AFG	F3	2-3/4"	* X 70°A	—	AF90XN	100	B2007	—	—	11
ERLB95-125 SF FF	AFG	F3	2-3/4"	* X 70°A	—	AF90XN	100	B2007	—	—	11
ERLB95-125 SF RF	AFG	F3	2-3/4"	* X 70°A	—	AF90XN	100	B2007	—	—	11
ERLB75-116RF	AFII 150	AF2-9	# 0	0.60 X 60°B	—	HLX90HC	140	B7203	2	—	
ERLB75-116RF	AFII 150	AF2-9	# 3	0.85 X 60°B	—	HLX90HC	140	B7203	4	—	
ERLB75-116RF	AFII 150	AF2-9	# 0	0.75 X 60°B	—	HLX90HC	140	B7203	4	—	
ERLB75-116RF	AFII 150	AF2-9	# 0	0.65 X 60°B	—	HLX90HC	140	B7203	2	—	

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Ener Royal Technology (cont'd)</b>											
ERLB95-125SF	AFII 150	AF2-9	# 5	1.00 X 70°A	—	HLX90HC	140	B7203	4	—	
ERLB95-125SF	AFII 150	AF2-9	# 5	0.85 X 70°A	—	HLX90HC	140	B7203	4	—	
ERLB95-125SF	AFII 150	AF2-9	# 5	0.70 X 70°A	—	HLX90HC	140	B7203	2	—	
F70/75 40	AFII 150	AF2-6	# 0	0.60 X 70°B	—	HLX70HD	140	B7203	2	—	
F70/75 45	AFII 150	AF2-6	# 0	0.75 X 70°B	—	HLX70HD	140	B7203	4	—	
F70/75 50	AFII 150	AF2-6	# 2	0.85 X 60°B	—	HLX70HB	140	B7203	5	—	
F70/75 55	AFII 150	AF2-6	# 5	1.10 X 60°B	—	HLX70HB	140	B7203	5	—	
F70-30	AFII 85	AF2-6	# 2	0.50 X 45°B	—	HLX70HB	180	B7703	2	—	
(2) "HS" on air tube combination = ceramic heat shield on combustion head.											
(5) Non-delay valve required.											
(11) Refer to appliance name plate for proper (nozzle) input rate.											
<b>Energy Kinetics System 2000</b>											
System 2000	AFG	F3	3-3/8"	0.75 X 70°A	—	AF72YH	130	B217	S-7 / B-0	2-3/8"	33
System 2000	AFG	F3	3-3/8"	0.75 X 70°A	—	AF72YH	130	B2008	S-7 / B-0	2-3/8"	34
(33) Spec'd with 2-stage pump.											
(34) Must maintain 3° downward pitch on air tube/flange.											
<b>Enerjet / Superior</b>											
OA-2	AFG	F4	3-3/8"	0.85 X 70°B	—	AF72WP	140	B2007	—	3"	35, 41
OA-3	AFG	F4	3-3/8"	1.10 X 70°B	—	AF72WP	130	B2007	—	3"	35, 41
OB-083	AFG	F0	3-3/8"	0.60 X 70°A	5880	AF72XR	130	B2007	S-7 / B-0	1-3/8"	41
OB-121	AFG	L2	3-3/8"	0.85 X 60°A	—	AFG70MQAQ	130	B2007	S-10 / B-0	1-11/16"	35, 41
OB-121	AFG	F3	2-3/4"	0.85 X 80°B	—	AF72XN	130	B2007	S-8 / B-0	—	41
OB-148	AFG	V1	2-3/4"	1.10 X 60°W	5880	AFG70MDAQ	130	B2007	S-10 / B-0	1-11/16"	35, 41
OB-196	AFG	V1-2	NONE	1.50 X 60°B	—	AFG70ML	130	B2007	S-9 / B-0	1-11/16"	41
OB-257	AFG	V1-4	NONE	1.75 X 60°B	—	AFG70ML	130	B2007	S-9 / B-0	1-11/16"	41
(35) Alternate specs for 3-section boiler.											
(41) Must maintain 0.5° downward pitch on air tube/flange.											
<b>Enterprise Fawcett</b>											
M101	AF	F3	3-3/8"	0.65 X 80°B	—	AF35YHHS	100	B3001	—	3-5/8"	2
M101	AF	F3	3-3/8"	0.85 X 70°B	—	AF35YHHS	100	B3001	—	3-5/8"	2
M141	AF	F6	3-3/8"	1.20 X 70°B	—	AF35YY	100	B3001	—	—	
M141	AF	F6	3-3/8"	1.20 X 70°B	—	AF35YY	100	B3001	—	3-5/8"	
(2) "HS" on air tube combination = ceramic heat shield on combustion head.											
<b>Evcon</b>											
COAT084	AF	F3	3-1/2"	0.50 X 80°H	—	AF36ZP	100	B3001	—	—	
COAT084	AF	F3	3-1/2"	0.65 X 80°B	—	AF36ZP	100	B3001	—	—	
DFAA066BBTA	AF	F3	3-3/8"	0.50 X 70°A	—	AF35YHHS	100	B3001	—	—	2
DFAA084BBTA	AF	F3	3-3/8"	0.65 X 70°A	—	AF35YHHS	100	B3001	—	—	2
BOD10515D	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
BOD13816D	AFG	F3	3-3/8"	1.00 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
BOL06913D	AFG	F3	3-3/8"	0.50 X 80°S	5880	AF47YHFS	100	B2008	—	—	1
BOL10513DA	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
BOL12516DA	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
BOL15420DA	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	—	—	1
BOM07212DA	AFG	F3	3-3/8"	0.50 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
BOM10512DA	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
BOM12516DA	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	—	—	1

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Evcon (cont'd)</b>											
BOM15420DA	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	—	—	1
(1) "FS" on air tube combination = fiber heat shield on combustion head.											
(2) "HS" on air tube combination = ceramic heat shield on combustion head.											
<b>Everhot All-Copper / Therma-Flow</b>											
E30C	AF	F3	3-3/8"R	0.65 X 70°AS	—	AF62BNSS	100	B3001	—	—	27
E30GL	AF	F3	3-3/8"R	0.65 X 70°AS	—	AF62BNSS	100	B3001	—	6-1/4"	27
E50C	AF	F3	3-3/8"R	0.85 X 70°AS	—	AF62BNSS	100	B3001	—	—	27
E50GL	AF	F3	3-3/8"R	0.85 X 70°AS	—	AF62BNSS	100	B3001	—	—	27
E70	AF	F3	3-3/8"R	1.00 X 70°AS	—	AF62BNSS	100	B3001	—	—	27
E70GL	AF	F3	3-3/8"R	1.00 X 70°AS	—	AF62BNSS	100	B3001	—	—	27
GL-120	AF	F3	2-3/4"	0.85 X 80°A	—	AF47XN	100	B3001	—	—	
GL-40	AF	F0	2-3/4"	0.50 X 80°A	—	AF53XZT	100	B3001	—	—	
GL-75	AF	F6	2-3/4"	1.00 X 80°A	—	AF90YB	100	B3001	—	—	
S30GL	AF	F3	3-3/8"R	0.65 X 70°AS	—	AF62BNSS	100	B3001	—	—	27
S50GL	AF	F3	3-3/8"R	0.85 X 70°AS	—	AF62BNSS	100	B3001	—	—	27
GL-32	AFG	F3	2-3/4"	1.00 X 80°B	—	AF53XN	100	B2007	—	—	
GL-75	AFG	F3	2-3/4"	1.00 X 80°B	—	AF53XN	100	B2007	—	—	
RF-30	AFG	L1	2-3/4"	0.85 X 70°B	—	AFG90MCSS	100	B2008	—	—	27
RF-30	AFG	L1	2-3/4"	0.65 X 70°B	—	AFG90MCSS	100	B2008	—	—	27
RF-50	AFG	L1	2-3/4"	0.65 X 70°B	—	AFG90MCSS	100	B2008	—	—	27
RF-50	AFG	L1	2-3/4"	0.85 X 70°B	—	AFG90MCSS	100	B2008	—	—	27
(27) Requires Stainless Steel air tube.											
<b>F.P. Industry</b>											
FP0114	AFG	F3	2-3/4"	1.00 X 80°R	—	AF53XN	100	B2007	—	—	
FP0138	AFG	F3	2-3/4"	1.20 X 80°R	—	AF53XN	100	B2007	—	—	
FP0155	AFG	F6	2-3/4"	1.35 X 80°R	—	AF53YB	100	B2007	—	—	
FP0172	AFG	F6	2-3/4"	1.50 X 80°R	—	AF53YB	100	B2007	—	—	
FP0190	AFG	F12	2-3/4"	1.65 X 80°R	—	AF53XO	100	B2007	—	—	
FP0201	AFG	F12	2-3/4"	1.75 X 80°R	—	AF53XO	100	B2007	—	—	
FP0228	AFG	F22	2-3/4"	2.00 X 80°R	—	AF53XP	100	B2007	—	—	
FP0257	AFG	F22	2-3/4"	2.25 X 80°R	—	AF53XP	100	B2007	—	—	
FP0287	AFG	F30	NONE	2.50 X 80°AR	—	AF53JA	100	B2007	—	—	
FP0314	AFG	F30	NONE	2.75 X 80°PLP	—	AF53JA	100	B2007	—	—	
FP0345	AFG	F30	NONE	2.00 X 80°PLP	—	AF53JA	100	B2007	—	—	
FP086	AFG	F0	3-3/8"	0.75 X 80°R	—	AF53XR	100	B2007	—	—	
FP098	AFG	F3	2-3/4"	0.85 X 80°R	—	AF53XN	100	B2007	—	—	
<b>Fraser-Johnston</b>											
PAFHD12F05501	AFG	F3	3-3/8"	0.50 X 80°S	5880	AF47YHFS	100	B2008	—	—	1
PAFHD12F07301	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
PAFHD16F10001	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
PAFHD18F12501	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	—	—	1
PCCFD16F08501	AFG	F3H	3-3/8"	0.75 X 70°A	5880	AF47YTSS	100	B2008	—	—	27
PCCFD16F10001	AFG	F3H	3-3/8"	0.90 X 70°A	5880	AF47YTSS	100	B2008	—	—	27
PCCFD16F12501	AFG	F6H	2-3/4"	1.10 X 70°A	5880	AF67JPSS	100	B2008	—	—	27
PCHFB15F15001	AFG	F6H	2-3/4"	1.35 X 70°A	—	AF67JPSS	100	B2008	—	—	27
PCHFB17F12501	AFG	F6H	2-3/4"	1.10 X 70°A	5880	AF67JPSS	100	B2008	—	—	27
PCHFD17F08501	AFG	F3H	3-3/8"	0.75 X 70°A	5880	AF47YTSS	100	B2008	—	—	27



Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Fraser-Johnston (cont'd)</b>											
PCHFD17F10001	AFG	F3H	3-3/8"	0.90 X 70°A	5880	AF47YTSS	100	B2008	—	—	27
PCLFB17F12501	AFG	F6H	2-3/4"	1.10 X 70°A	5880	AF67JPSS	100	B2008	—	—	27
PCLFB20F15001	AFG	F6H	2-3/4"	1.35 X 70°A	—	AF67JPSS	100	B2008	—	—	27
PCLFD12F08501	AFG	F3H	3-3/8"	0.75 X 70°A	5880	AF47YTSS	100	B2008	—	—	27
PCLFD16F10001	AFG	F3H	3-3/8"	0.90 X 70°A	5880	AF47YTSS	100	B2008	—	—	27
PCOC-LD16F100A	AFG	F3H	3-3/8"	0.90 X 70°A	5880	AF47YTSS	100	B2008	—	—	27
PCOC-LD16F125A	AFG	F6H	2-3/4"	1.10 X 70°A	5880	AF67JPSS	100	B2008	—	—	27
PCOC-LD16F085A	AFG	F3H	3-3/8"	0.75 X 70°A	5880	AF47YTSS	100	B2008	—	—	27
PCOH-LB15F150A	AFG	F6H	2-3/4"	1.35 X 70°A	—	AF67JPSS	100	B2008	—	—	27
PCOH-LB17F125A	AFG	F6H	2-3/4"	1.10 X 70°A	5880	AF67JPSS	100	B2008	—	—	27
PCOH-LD17F100A	AFG	F3H	3-3/8"	0.90 X 70°A	5880	AF47YTSS	100	B2008	—	—	27
PCOH-LD17F085A	AFG	F3H	3-3/8"	0.75 X 70°A	5880	AF47YTSS	100	B2008	—	—	27
PCOL-LB17F125A	AFG	F6H	2-3/4"	1.10 X 70°A	5880	AF67JPSS	100	B2008	—	—	27
PCOL-LB17F150A	AFG	F6H	2-3/4"	1.35 X 70°A	—	AF67JPSS	100	B2008	—	—	27
PCOL-LB20F150A	AFG	F6H	2-3/4"	1.35 X 70°A	—	AF67JPSS	100	B2008	—	—	27
PCOL-LD12F085A	AFG	F3H	3-3/8"	0.75 X 70°A	5880	AF47YTSS	100	B2008	—	—	27
PCOL-LD16F100A	AFG	F3H	3-3/8"	0.90 X 70°A	5880	AF47YTSS	100	B2008	—	—	27
PCOU-LD12F055A	AFG	D1	3-3/8"	0.50 X 80°B	—	AF47JSSS	100	B2008	—	—	7, 27
PCOU-LD16F100A	AFG	F3H	3-3/8"	0.90 X 70°A	5880	AF47YTSS	100	B2008	—	—	27
PCOU-LD16F125A	AFG	F6H	2-3/4"	1.10 X 70°A	5880	AF67JPSS	100	B2008	—	—	27
PCOU-LD17F085A	AFG	F3H	3-3/8"	0.75 X 70°A	5880	AF47YTSS	100	B2008	—	—	27
PCOU-LD20F125A	AFG	F6H	2-3/4"	1.10 X 70°A	5880	AF67JPSS	100	B2008	—	—	27
PCUFD12F05501	AFG	D1	3-3/8"	0.50 X 80°B	5880	AF47JSSS	100	B2008	—	—	7, 27
PCUFD16F10001	AFG	F3H	3-3/8"	0.90 X 70°A	5880	AF47YTSS	100	B2008	—	—	27
PCUFD16F12501	AFG	F6H	2-3/4"	1.10 X 70°A	5880	AF67JPSS	100	B2008	—	—	27
PCUFD17F08501	AFG	F3H	3-3/8"	0.75 X 70°A	5880	AF47YTSS	100	B2008	—	—	27
PCUFD20F12501	AFG	F6H	2-3/4"	1.10 X 70°A	5880	AF67JPSS	100	B2008	—	—	27
PDLFD16F10001	AFG	F3H	3-3/8"	0.90 X 70°A	5880	AF47YTSS	100	B2008	—	—	27
PDLFD17F12501	AFG	F6H	2-3/4"	1.10 X 70°A	5880	AF67JPSS	100	B2008	—	—	27
PDLFD20F15001	AFG	F6H	2-3/4"	1.35 X 70°A	—	AF67JPSS	100	B2008	—	—	27
P-FHD12F05501	AFG	F3	3-3/8"	0.50 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
P-FHD12F08501	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
P-FHD16F10001	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
P-FHD20F12501	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	—	—	1
P-FLD12F05501	AFG	F3	3-3/8"	0.50 X 80°S	5880	AF47YHFS	100	B2008	—	—	1
P-FLD12F08501	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
P-FLD12F08501A	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
P-FLD16F10001	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
P-FLD16F10001A	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
P-FLD20F12501	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	—	—	1
P-FLD20F12501A	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	—	—	1
P-FMD12F05501A	AFG	F3	3-3/8"	0.50 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
P-FMD12F08501A	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
P-FMD16F08501A	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	—	—	1

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Fraser-Johnston (cont'd)</b>											
P-FMD16F10001A	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
P-FMD20F10001A	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
P-FMD20F12501A	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	—	—	1
P-FMD20F17001A	AFG	F12	2-3/4"	1.50 X 70°S	—	AF67XOFS	100	B2008	—	—	1
(1) "FS" on air tube combination = fiber heat shield on combustion head.											
(7) D1 head requires 7/8" "Z" dimension.											
(27) Requires Stainless Steel air tube.											
<b>Frost Fighter</b>											
IDF350	CF375	V1-3	—	1.75 X 45°B	—	CF140KY	140	BCF3907	S-10 / B-6	—	
OHV200	CF375	V1-1	—	1.50 X 60°B	—	CF140KY	140	BCF3907	S-10 / B-2	—	
OHV350	CF500	SL1-4	—	1.75 X 45°B	—	CF140KZ	125	BCF809	S-4 / B-0	—	
IDF500	CF800	SL1-6	—	2.25 X 60°B	—	CF140KZ	140	BCF403	S-10 / B-0	—	
OHB350	SF	F12	NONE	2.00 X 60°R	—	SF137VZ	125	B711	S-6 / B-0	—	
OHB500	SF	F22	NONE	2.50 X 60°R	—	SF137NH	145	B711	S-6 / B-0	—	
<b>Furnace Co.</b>											
HOU 076	AFG	L1	2-3/4"	0.65 X 70°A	5880	AFG70MB	100	B2007	—	—	
HOU 086	AFG	L1	2-3/4"	0.75 X 70°A	5880	AFG70MB	100	B2007	—	—	
HOU 097	AFG	L1	2-3/4"	0.85 X 70°B	—	AFG70MB	100	B2007	—	—	
HOU 112	AFG	L1	2-3/4"	1.00 X 70°B	—	AFG70MB	100	B2007	—	—	
LOU 078	AFG	L1	2-3/4"	0.65 X 70°A	5880	AFG70MB	100	B2007	—	—	
LOU 088	AFG	L1	2-3/4"	0.75 X 70°A	5880	AFG70MB	100	B2007	—	—	
LOU 098	AFG	L1	2-3/4"	0.85 X 70°A	—	AFG70MB	100	B2007	—	—	
LOU 114	AFG	L1	2-3/4"	1.00 X 70°A	—	AFG70MB	100	B2007	—	—	
LOU 123	AFG	V1-1	2-3/4"	1.10 X 70°A	—	AFG70MD	100	B2007	—	—	
LOU 139	AFG	V1-1	2-3/4"	1.25 X 70°A	—	AFG70MD	100	B2007	—	—	
<b>GMC</b>											
CHZ-100BK	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
CHZ-125BK	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	—	—	1
CHZ-55BK	AFG	F3	3-3/8"	0.50 X 80°S	5880	AF47YHFS	100	B2008	—	—	1
CHZ-75BK	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
UHC-100BK	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
UHC-125BK	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	—	—	1
UHC-55BK	AFG	F3	3-3/8"	0.50 X 80°S	5880	AF47YHFS	100	B2008	—	—	1
UHC-85BK	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
UHZB055BK	AFG	F3	3-3/8"	0.50 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
UHZB085BK	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
UHZB100BK	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
UHZB125BK	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	—	—	1
UHZB175BK	AFG	F12	2-3/4"	1.50 X 70°S	—	AF67XOFS	100	B2008	—	—	1
ULB-100BK	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
ULB-125BK	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	—	—	1
ULB-55BK	AFG	F3	3-3/8"	0.50 X 80°S	5880	AF47YHFS	100	B2008	—	—	1
ULB-85BK	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
ULBB085BK	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
ULBB100BK	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
ULBB125BK	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	—	—	1
(1) "FS" on air tube combination = fiber heat shield on combustion head.											

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Grimsby Stove &amp; Furnace Limited</b>											
OHG-089/117	AF	F3	2-3/4"	0.85 X 70°W	—	AF53XNHS	100	B3001	—	—	2
OHG-089/117	AF	F3	2-3/4"	0.75 X 70°W	—	AF53XNHS	100	B3001	—	—	2
OHG-089/117	AF	F3	2-3/4"	1.00 X 70°W	—	AF53XNHS	100	B3001	S-7 / B-0	—	2
OLF	AF	F3	2-3/4"	0.85 X 70°W	—	AF53XNHS	100	B3001	—	—	2
OLF	AF	F3	2-3/4"	0.75 X 70°W	—	AF53XNHS	100	B3001	—	—	2
OLF	AF	F3	2-3/4"	1.00 X 70°W	—	AF53XNHS	100	B3001	S-7 / B-0	—	2
OLG-058/069	AF	F3	2-3/4"	0.60 X 70/80°W	—	AF72XNHS	100	B3001	—	—	2
OLG-058/069	AF	F3	2-3/4"	0.50 X 70/80°W	—	AF72XNHS	100	B3001	—	—	2
OLG-058/086	AF	F3	2-3/4"	0.75 X 70/80°W	—	AF72XNHS	100	B3001	—	—	2
OLG-058/086	AF	F3	2-3/4"	0.60 X 70/80°W	—	AF72XNHS	100	B3001	—	—	2
OLG-058/086	AF	F3	2-3/4"	0.50 X 70/80°W	—	AF72XNHS	100	B3001	—	—	2
OLG-058/086	AF	F3	2-3/4"	0.65 X 70/80°W	—	AF72XNHS	100	B3001	—	—	2
OLG-075/086	AF	F3	2-3/4"	0.75 X 70/80°W	—	AF72XNHS	100	B3001	—	—	2
OLG-075/086	AF	F3	2-3/4"	0.65 X 70/80°W	—	AF72XNHS	100	B3001	—	—	2
OLG-080/093	AF	F3	2-3/4"	0.75 X 70/80°W	—	AF72XNHS	100	B3001	—	—	2
OLG-080/093	AF	F3	2-3/4"	0.85 X 70/80°W	—	AF72XNHS	100	B3001	—	—	2
OLG-080/122	AF	F3	2-3/4"	0.65 X 70/80°W	—	AF72XNHS	100	B3001	—	—	2
OLG-080/122	AF	F3	2-3/4"	0.75 X 70/80°W	—	AF72XNHS	100	B3001	—	—	2
OLG-080/122	AF	F3	2-3/4"	0.85 X 70/80°W	—	AF72XNHS	100	B3001	—	—	2
OLG-080/122	AF	F3	2-3/4"	1.00 X 70/80°W	—	AF72XNHS	100	B3001	—	—	2
OLG-105/122	AF	F3	2-3/4"	0.85 X 70/80°W	—	AF72XNHS	100	B3001	—	—	2
OLG-105/122	AF	F3	2-3/4"	1.00 X 70/80°W	—	AF72XNHS	100	B3001	—	—	2
OLG-123/144	AF	F6	2-3/4"	1.20 X 70/80°W	—	AF72YB	100	B3001	—	—	
OLG-123/144	AF	F6	2-3/4"	1.00 X 70/80°W	—	AF72YB	100	B3001	—	—	
OLG-123/144	AF	F6	2-3/4"	1.10 X 70/80°W	—	AF72YB	100	B3001	—	—	
OLG-146/162	AF	F6	2-3/4"	1.20 X 70/80°W	—	AF72YB	100	B3001	—	—	
OLG-146/162	AF	F6	2-3/4"	1.35 X 70/80°W	—	AF72YB	100	B3001	—	—	
OLG-146/162	AF	F6	2-3/4"	1.25 X 70/80°W	—	AF72YB	100	B3001	—	—	
OHG-089/117 SV	AFII 150	FB3	—	0.85 X 60°W	—	FBX70HGXS	140	B7203	—	—	
OHG-089/117 SV	AFII 150	FB3	—	0.75 X 60°W	—	FBX70HGXS	140	B7203	—	—	
OHG-089/117 SV	AFII 150	FB3	—	0.65 X 60°W	—	FBX70HGXS	140	B7203	—	—	
OLF	AFII 150	FB3	—	0.75 X 60°W	—	FBX70HGXS	140	B7203	—	—	
OLF	AFII 150	FB3	—	0.85 X 60°W	—	FBX70HGXS	140	B7203	—	—	
OLF	AFII 150	FB3	—	0.65 X 60°W	—	FBX70HGXS	140	B7203	—	—	
<i>(2) "HS" on air tube combination = ceramic heat shield on combustion head.</i>											
<b>GSW</b>											
JWF307 (CANADA)	AF	F3	3-3/8"	0.65 X 70°A	—	AF65YH	100	B3001	S-4 / B-0	4-3/4"	
JW317/327	AFG	F3	3-3/8"R	0.75 X 80°A	—	AF90BN	100	B2007	S-6 / B-0	7"	12
JW317/327 (U.S.)	AFG	F3	3-3/8"R	0.75 X 80°A	—	AF90BN	100	B2007	S-6 / B-0	7"	
JW517/527	AFG	F3	3-3/8"R	0.85 X 80°A	—	AF90BN	100	B2007	S-6 / B-0	7"	12
JW517/527 (U.S.)	AFG	F3	3-3/8"R	0.85 X 80°A	—	AF90BN	100	B2007	S-6 / B-0	7"	
JW717/727	AFG	F3	3-3/8"R	1.00 X 80°A	—	AF90BN	100	B2007	S-6 / B-0	—	12
JW717/727 (U.S.)	AFG	F3	3-3/8"R	1.00 X 80°A	—	AF90BN	100	B2007	S-6 / B-0	—	
JWF307	AFG	F0	2-3/4"	0.75 X 80°A	5880	AF65XZT	100	B2007	—	—	12

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>GSW (cont'd)</b>											
JWF307	AFG	F0	2-3/4"	0.65 X 80°A	5880	AF65XZT	100	B2007	—	—	12
JWF307 (CANADA)	AFG	F0	2-3/4"	0.65 X 80°A	5880	AF65XZT	100	B2007	S-7 / B-0	4-3/4"	
JWF307 (U.S.)	AFG	F0	2-3/4"	0.75 X 80°A	5880	AF65XZT	100	B2007	S-7 / B-0	4-3/4"	
JWF307V	AFG	F0	2-3/4"	0.65 X 80°A	5880	AF65XZT	100	B2007	S-7 / B-0	4-3/4"	3, 12
JWF307V (CANADA)	AFG	F0	2-3/4"	0.65 X 80°A	5880	AF65XZT	100	B2007	S-7 / B-0	4-3/4"	3
JWF307V (U.S.)	AFG	F0	2-3/4"	0.65 X 80°A	5880	AF65XZT	100	B2007	S-7 / B-0	4-3/4"	3
JWF507	AFG	F3	2-3/4"	0.75 X 80°A	5880	AF72XN	100	B2007	S-7 / B-0	5-3/4"	12
JWF507 (CANADA)	AFG	F3	2-3/4"	0.75 X 80°A	5880	AF72XN	100	B2007	S-7 / B-0	5-3/4"	
JWF507 (U.S.)	AFG	F3	2-3/4"	0.75 X 80°A	5880	AF72XN	100	B2007	S-7 / B-0	5-3/4"	
JWF657	AFG	F3	2-3/4"	1.00 X 80°A	5880	AF90XN	100	B2007	—	7-11/16"	12, 43
JWF657 (CANADA)	AFG	F3	2-3/4"	1.00 X 80°A	—	AF90XN	100	B2007	—	7-11/16"	43
JWF657 (U.S.)	AFG	F3	2-3/4"	1.00 X 80°A	—	AF90XN	100	B2007	—	7-11/16"	43
<i>(3) Pre/post-purge control must be used.</i>											
<i>(12) Massachusetts approved dual Aquastat®.</i>											
<i>(43) Must maintain 1.5° downward pitch on air tube/flange.</i>											
<b>H.B. Smith</b>											
8 3H	AFG	F3	3-3/8"	0.75 X 80°A	5880	AF53YH	140	B2007	—	—	
8 3L	AFG	F3	3-3/8"	0.65 X 80°A	5880	AF53YH	140	B2007	S-9 / B-2	—	
8 4H	AFG	F6	3-3/8"	1.00 X 80°A	—	AF53YY	140	B2007	—	—	
8 4L	AFG	F6	3-3/8"	0.85 X 80°A	5880	AF53YY	140	B2007	S-10 / B-1	—	
8 5H	AFG	F12	3-3/8"	1.35 X 80°B	—	AF53WT	140	B2007	—	—	
8 5L	AFG	F6	3-3/8"	1.10 X 80°A	—	AF53YY	140	B2007	S-10 / B-3	—	
8 6H	AFG	F16	NONE	1.65 X 80°B	—	AF53WK	140	B2007	—	—	
8 6L	AFG	F12	3-3/8"	1.50 X 80°B	—	AF53WT	140	B2007	S-10 / B-3	—	
8 3M	AFG	F3	3-3/8"U	0.65 X 80°A	5880	AF72YH	140	B2007	S-9 / B-0	2-1/4"	
8 4M	AFG	F6	3-3/8"U	0.85 X 80°A	—	AF72YY	140	B2007	S-10 / B-2	2-1/4"	
8 5M	AFG	F6	3-3/8"U	1.10 X 80°A	—	AF72YY	140	B2007	S-10 / B-3	2-1/4"	
8 6M	AFG	F12	3-3/8"U	1.50 X 80°A	—	AF72WT	140	B2007	S-10 / B-1	2-1/4"	
8-S-3H	AFG	L1	3-3/8"	0.85 X 60°B	—	AFG50MB	100	B2007	S-10 / B-1	2-1/4"	
8-S-3L	AFG	L1	3-3/8"	0.75 X 60°B	—	AFG50MB	100	B2007	S-8 / B-1	2-1/4"	
8-S-4H	AFG	V1-0	2-3/4"	1.25 X 70°B	—	AFG50MD	100	B2007	S-10 / B-0	2-1/4"	
8-S-4L	AFG	V1-0	2-3/4"	1.00 X 70°B	—	AFG50MD	100	B2007	S-9 / B-0	2-1/4"	
8-S-5H	AFG	V1-3	2-3/4"	1.65 X 60°B	—	AFG50MD	100	B2007	S-10 / B-7	2-1/4"	
8-S-5L	AFG	V1-2	2-3/4"	1.35 X 60°B	—	AFG50MD	100	B2007	S-10 / B-4	2-1/4"	
8-S-6H	AFG	V1-4	2-3/4"	2.00 X 60°B	—	AFG50MD	100	B2007	S-10 / B-9	2-1/4"	
8-S-6L	AFG	V1-3	2-3/4"	0.85 X 60°B	—	AFG50MD	100	B2007	S-10 / B-8	2-1/4"	
8-W-3H	AFG	L1	3-3/8"	0.85 X 60°B	—	AFG50MB	100	B2007	S-10 / B-1	2-1/4"	
8-W-3L	AFG	L1	3-3/8"	0.75 X 60°B	—	AFG50MB	100	B2007	S-8 / B-1	2-1/4"	
8-W-4H	AFG	V1-0	2-3/4"	1.25 X 70°B	—	AFG50MD	100	B2007	S-10 / B-8	2-1/4"	
8-W-4L	AFG	V1-0	2-3/4"	1.00 X 70°B	—	AFG50MD	100	B2007	S-9 / B-0	2-1/4"	
8-W-5H	AFG	V1-3	2-3/4"	1.65 X 60°B	—	AFG50MD	100	B2007	S-10 / B-7	2-1/4"	
8-W-5L	AFG	V1-2	2-3/4"	1.35 X 60°B	—	AFG50MD	100	B2007	S-10 / B-4	2-1/4"	
8-W-6H	AFG	V1-4	2-3/4"	2.00 X 60°B	—	AFG50MD	100	B2007	S-10 / B-9	2-1/4"	
8-W-6L	AFG	V1-3	2-3/4"	1.75 X 60°B	—	AFG50MD	100	B2007	S-10 / B-8	2-1/4"	
BB14-3H	AFG	F6	3-3/8"	1.10 X 80°A	—	AF53YY	100	B2007	S-10 / B-1	2-1/4"	
BB14-3H	AFG	F6	3-3/8"	0.85 X 80°A	—	AF53YY	140	B2007	S-10 / B-0	2-1/4"	
BB14-3L	AFG	F3	3-3/8"	0.65 X 80°A	—	AF53YH	140	B2007	S-9 / B-2	2-1/4"	
BB14-3L	AFG	F3	3-3/8"	0.75 X 80°A	—	AF53YH	100	B2007	S-8 / B-0	2-1/4"	
BB14-3M	AFG	F3	3-3/8"	0.75 X 80°A	—	AF53YH	140	B2007	S-8 / B-0	2-1/4"	
BB14-3M	AFG	F3	3-3/8"	0.85 X 80°A	—	AF53YH	100	B2007	S-10 / B-0	2-1/4"	

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>H.B. Smith (cont'd)</b>											
BB14-4L	AFG	F6	3-3/8"	1.20 X 80°A	—	AF53YY	100	B2007	S-10 / B-1	2-1/4"	
BB14-4L	AFG	F6	3-3/8"	1.00 X 80°A	—	AF53YY	140	B2007	S-10 / B-4	2-1/4"	
BB14-5H	AFG	F16	2-3/4"	1.65 X 90°B	—	AF53WF	140	B2007	S-10 / B-4	2-1/4"	
BB14-5H	AFG	F16	2-3/4"	2.00 X 80°B	—	AF53WF	100	B2007	S-10 / B-4	2-1/4"	
BB14-5L	AFG	F12	3-3/8"	1.35 X 80°B	—	AF53WT	140	B2007	S-10 / B-2	2-1/4"	
BB14-5L	AFG	F12	3-3/8"	1.65 X 80°B	—	AF53WT	100	B2007	S-10 / B-3	2-1/4"	
BB14-5M	AFG	F12	3-3/8"	1.75 X 80°B	—	AF53WT	100	B2007	S-10 / B-3	2-1/4"	
BB14-5M	AFG	F12	3-3/8"	1.50 X 80°B	—	AF53WT	140	B2007	S-10 / B-3	2-1/4"	
BB14-6H	AFG	F220	2-3/4"	2.75 X 80°B	—	AF53YD	100	B2007	S-10 / B-4	2-1/4"	
BB14-6H	AFG	F220	2-3/4"	2.25 X 70°B	—	AF53YD	140	B2007	S-10 / B-5	2-1/4"	
BB14-6L	AFG	F22	2-3/4"	2.25 X 80°B	—	AF53XP	100	B2007	S-10 / B-5	2-1/4"	
BB14-6L	AFG	F22	2-3/4"	2.00 X 80°B	—	AF53XP	140	B2007	S-10 / B-4	2-1/4"	
BB14-6M	AFG	F220	2-3/4"	2.50 X 80°B	—	AF53YD	100	B2007	S-10 / B-5	2-1/4"	
8-3H DV	NX	6-slot	—	0.75 X 60°B (H)	—	NX70LC	150	B8001	3	2-1/4"	31
8-3L DV	NX	6-slot	—	0.60 X 60°B (H)	32229	NX70LC	150	B8001	2	2-1/4"	31
8-4 DV	NX	6-slot	—	0.85 X 60°B (H)	—	NX70LC	150	B8001	3	2-1/4"	31
BB14-4H	AFG	F6	3-3/8"	1.25 X 80°B	—	AF53YY	140	B2007	S-10 / B-3	2-1/4"	
BB14-4H	AFG	F6	3-3/8"	1.50 X 80°B	—	AF53YY	100	B2007	S-10 / B-3	2-1/4"	
BB14-4M	AFG	F6	3-3/8"	1.35 X 80°A	—	AF53YY	100	B2007	S-10 / B-2	2-1/4"	
BB14-4M	AFG	F6	3-3/8"	1.10 X 80°B	—	AF53YY	140	B2007	S-10 / B-3	2-1/4"	
<i>(31) The (H) in the Nozzle Description denotes a Hago</i>											
<b>Heat Controller / ComfortAir / Century / Patriot</b>											
100-77	AF	F3	2-3/4"	0.85 X 80°B	—	AF72XNHS	100	B3001	—	6-7/16"	2, 13
100-77	AF	F3	2-3/4"	0.75 X 80°B	—	AF72XNHS	100	B3001	—	6-7/16"	2, 13
100-77	AF	F3	2-3/4"	0.65 X 80°B	—	AF72XNHS	100	B3001	—	6-7/16"	2, 13
ODH 120	AF	F3	2-3/4"	1.10 X 80°S	—	AF60XN	100	B3001	—	—	
ODH 84	AF	F3	2-3/4"	0.75 X 80°S	—	AF60XN	100	B3001	—	—	
ODH 95	AF	F3	2-3/4"	0.85 X 80°S	—	AF60XN	100	B3001	—	—	
OIL 100	AF	F3H	2-3/4"	0.85 X 80°B	—	AF72YP	100	B3001	—	—	
OIL 140	AF	F6	2-3/4"	1.20 X 80°B	—	AF72YB	100	B3001	—	—	
OIL158	AF	F6	2-3/4"	1.35 X 80°B	—	AF72YB	100	B3001	—	—	
OLF 130	AF	F12	2-3/4"	1.20 X 80°S	—	AF60XO	100	B3001	—	—	
OLF 150	AF	F12	2-3/4"	1.35 X 80°S	—	AF60XO	100	B3001	—	—	
OLF 84	AF	F3	2-3/4"	0.75 X 80°S	—	AF60XN	100	B3001	—	—	
OLF 95	AF	F3	2-3/4"	0.85 X 80°S	—	AF60XN	100	B3001	—	—	
OLF112	AF	F3	2-3/4"	1.00 X 80°S	—	AF60XN	100	B3001	—	—	
OUFM/ OLFM120-D3.5	AF	F3	3-3/8"	0.75 X 70°W	—	AF53YHHS	100	B3001	—	4-3/8"	2
OUFM/ OLFM120-D3.5	AF	F3	3-3/8"	0.85 X 70°W	—	AF53YHHS	100	B3001	—	4-3/8"	2
OUFM/ OLFM120-D3.5	AF	F3	3-3/8"	1.00 X 70°W	—	AF53YHHS	100	B3001	—	4-3/8"	2
OUI 112	AF	F3	2-3/4"	1.00 X 80°S	—	AF60XN	100	B3001	—	—	
OUI 130	AF	F12	2-3/4"	1.20 X 80°S	—	AF56XO	100	B3001	—	—	
OUI 150	AF	F12	2-3/4"	1.35 X 80°S	—	AF60XO	100	B3001	—	—	
OUI 84	AF	F3	2-3/4"	0.75 X 80°S	—	AF60XN	100	B3001	—	—	

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Heat Controller / ComfortAir / Century / Patriot (cont'd)</b>											
OUI 95	AF	F3	2-3/4"	0.85 X 80°S	—	AF60XN	100	B3001	—	—	
OAD 084	AFG	F3	2-3/4"	0.75 X 80°S	5880	AF60XN	100	B2007	—	—	
OAD 095	AFG	F3	2-3/4"	0.85 X 80°S	—	AF60XN	100	B2007	—	—	
OAD 112	AFG	F3	2-3/4"	1.00 X 80°S	—	AF60XN	100	B2007	—	—	
OAD 120	AFG	F3	2-3/4"	1.10 X 80°S	—	AF60XN	100	B2007	—	—	
OAD 130	AFG	F12	2-3/4"	1.20 X 80°S	—	AF60XO	100	B2007	—	—	
OAD 150	AFG	F12	2-3/4"	1.35 X 80°S	—	AF60XO	100	B2007	—	—	
OAL 084	AFG	F3	2-3/4"	0.75 X 80°S	5880	AF60XN	100	B2007	—	—	
OAL 095	AFG	F3	2-3/4"	0.85 X 80°S	—	AF60XN	100	B2007	—	—	
OAL 112	AFG	F3	2-3/4"	1.00 X 80°S	—	AF60XN	100	B2007	—	—	
OAL 120	AFG	F3	2-3/4"	1.10 X 80°S	—	AF60XN	100	B2007	—	—	
OAL 130	AFG	F12	2-3/4"	1.20 X 80°S	—	AF60XO	100	B2007	—	—	
OAL 150	AFG	F12	2-3/4"	1.35 X 80°S	—	AF60XO	100	B2007	—	—	
OAU 084	AFG	F3	2-3/4"	0.75 X 80°S	5880	AF60XN	100	B2007	—	—	
OAU 095	AFG	F3	2-3/4"	0.85 X 80°S	—	AF60XN	100	B2007	—	—	
OAU 112	AFG	F3	2-3/4"	1.00 X 80°S	—	AF60XN	100	B2007	—	—	
OAU 120	AFG	F3	2-3/4"	1.10 X 80°S	—	AF60XN	100	B2007	—	—	
OAU 130	AFG	F12	2-3/4"	1.20 X 80°S	—	AF60XO	100	B2007	—	—	
OAU 150	AFG	F12	2-3/4"	1.35 X 80°S	—	AF60XO	100	B2007	—	—	
OBDA 112	AFG	F3	2-3/4"	1.00 X 70°S	—	AF36XN	100	B2007	—	—	
OBDA 130	AFG	F6	3-3/8"R	1.20 X 70°S	—	AF36JZ	100	B2007	—	—	
OBDA 84	AFG	F3	3-3/8"R	0.75 X 70°S	—	AF36BN	100	B2007	—	—	
OBDA 95	AFG	F3	3-3/8"R	0.85 X 70°S	—	AF36BN	100	B2007	—	—	
OBHA 112	AFG	F3	2-3/4"	1.00 X 70°S	—	AF36XN	100	B2007	—	—	
OBHA 130	AFG	F6	3-3/8"R	1.20 X 70°S	—	AF36JZ	100	B2007	—	—	
OBHA 84	AFG	F3	3-3/8"R	0.75 X 70°S	—	AF36BN	100	B2007	—	—	
OBHA 95	AFG	F3	3-3/8"R	0.85 X 70°S	—	AF36BN	100	B2007	—	—	
OBUA 112	AFG	F3	2-3/4"	1.00 X 70°S	—	AF36XN	100	B2007	—	—	
OBUA 130	AFG	F6	3-3/8"R	1.20 X 70°S	—	AF36JZ	100	B2007	—	—	
OBUA 150	AFG	F6	3-3/8"R	1.35 X 70°S	—	AF36JZ	100	B2007	—	—	
OBUA 67	AFG	F0	3-3/8"R	0.60 X 70°S	—	AF36JY	100	B2007	—	—	
OBUA 84	AFG	F3	3-3/8"R	0.75 X 70°S	—	AF36BN	100	B2007	—	—	
OBUA 95	AFG	F3	3-3/8"R	0.85 X 70°S	—	AF36BN	100	B2007	—	—	
ODHA 125	AFG	F6	2-3/4"	1.00 X 80°B	—	AF50YB	140	B2007	—	—	
ODHA 95	AFG	F6	2-3/4"	0.75 X 80°B	5880	AF50YB	140	B2007	—	—	
OHHA 95	AFG	F6	2-3/4"	0.75 X 80°B	5880	AF50YB	140	B2007	—	—	
OLFA 125	AFG	F6	2-3/4"	1.00 X 80°B	—	AF50YB	140	B2007	—	—	
OLFA 95	AFG	F6	2-3/4"	0.75 X 80°B	5880	AF50YB	140	B2007	—	—	
OLRA 95	AFG	F6	2-3/4"	0.75 X 80°B	5880	AF50YB	140	B2007	—	—	
OLRA 125	AFG	F6	2-3/4"	1.00 X 80°B	—	AF50YB	140	B2007	—	—	
OLRA 125BH	AFG	F6	2-3/4"	1.00 X 80°B	—	AF50YB	140	B2007	—	—	
OLRA 170	AFG	F6	2-3/4"	1.25 X 80°B	—	AF55YB	140	B2007	—	—	
OLRA 200BH	AFG	F16	2-3/4"	1.50 X 80°B	—	AF56WF	140	B2007	—	—	
OUFA 75	AFG	F0	2-3/4"	0.65 X 80°B	5880	AF50XZT	140	B2007	—	—	
OUFA 95	AFG	F6	2-3/4"	0.75 X 80°B	5880	AF50YB	140	B2007	—	—	
OUFA 125	AFG	F6	2-3/4"	1.00 X 80°B	—	AF50YB	140	B2007	—	—	
OUFA 140/168	AFG	F6	2-3/4"	1.25 X 80°B	—	AF55YB	140	B2007	S-8 / B-1	—	

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Heat Controller / ComfortAir / Century / Patriot (cont'd)</b>											
OUFB 125	AFG	F4	3-3/8"	0.85 X 80°B	—	AF46WPHS	140	B2007	S-6 / B-0	5"	2
OUFB 125	AFG	F4	3-3/8"	1.00 X 80°B	—	AF46WPHS	140	B2007	S-9 / B-0	5"	2
OUFB 75	AFG	F0	2-3/4"	0.50 X 80°A	5880	AF46XZTHS	100	B2007	S-4 / B-0	5"	2, 58
OUFB 75	AFG	F0	2-3/4"	0.65 X 80°B	5880	AF46XZTHS	100	B2007	S-10 / B-0	5"	2, 58
OUFB 95	AFG	F3	2-3/4"	0.65 X 80°B	5880	AF46XNHS	140	B2007	S-6 / B-0	5"	2
OUFB 95	AFG	F3	2-3/4"	0.75 X 80°B	5880	AF46XNHS	140	B2007	S-8 / B-0	5"	2
OHD 112	AG	2"ID	34-9	1.00 X 80°S	—	A60BC	100	B2007	—	—	
OHD 84	AG	2"ID	34-9	0.75 X 80°S	—	A60BC	100	B2007	—	—	
(2) "HS" on air tube combination = ceramic heat shield on combustion head.											
(13) Requires blank air band.											
(58) Requires 2-Slot Air Band #5151506.											
<b>Heat Transfer Products</b>											
OFT-50	AF	F3	3-3/8"	0.75 X 80°A	—	AF65YHHSSS	100	B2007	S-4 / B-0	—	2, 27
HTP30C	AFG	F3	3-3/8"	0.65 X 80°B	—	AF65YHSS	100	B2007	S-7 / B-0	—	27
OFT-30B	AFG	F3	3-3/8"	0.65 X 80°B	5880	AF65YHHSSS	100	B2007	S-4 / B-0	—	2, 27
(2) "HS" on air tube combination = ceramic heat shield on combustion head.											
(27) Requires Stainless Steel air tube.											
<b>Heil Quaker / Temp Star / ICP</b>											
NM05055BFA1	AFG	F3	3-3/8"	0.50 X 80°S	5880	AF47YHFS	100	B2008	—	—	1
NM05085BFA1	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
NM05100BFA1	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
NM05125BFA1	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	—	—	1
(1) "FS" on air tube combination = fiber heat shield on combustion head.											
<b>Home Aire</b>											
XEF0112F070	AFG	F3	3-3/8"	0.50 X 80°S	5880	AF47YHFS	100	B2008	—	—	1
XEF0112F105	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
XEF0116F125	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
XEF0120F155	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	—	—	1
(1) "FS" on air tube combination = fiber heat shield on combustion head.											
<b>HTO / ICP</b>											
NCO5055BFA1	AFG	F3	3-3/8"	0.50 X 80°S	5880	AF47YHFS	100	B2008	—	—	1
NCO5075BFA1	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
NCO5100BHA1	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
NCO5125BHA1	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	—	—	1
NLO5055BFA1	AFG	F3	3-3/8"	0.50 X 80°S	5880	AF47YHFS	100	B2008	—	—	1
NLO5085BFA1	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
NLO5100BHA1	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
NLO5125BKA1	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	—	—	1
NMO5055BFA1	AFG	F3	3-3/8"	0.50 X 80°S	5880	AF47YHFS	100	B2008	—	—	1
NMO5085BGA1	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
NMO5100BHA1	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
NMO5125BKA1	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	—	—	1
(1) "FS" on air tube combination = fiber heat shield on combustion head.											
<b>Hunter Comfort</b>											
HB115	AFII 85	AF2-9	# 6	0.75 X 60°B	—	HLX70HC	140	B7703	—	—	
HB115	AFII 85	AF2-9	# 5	0.65 X 60°B	—	HLX70HC	140	B7703	—	—	
HB115	AFII 85	AF2-9	# 3	0.60 X 60°B	—	HLX70HC	140	B7703	—	—	

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Hydrotherm, Inc.</b>											
OR-105	AF	F3	3-3/8"	0.75 X 80°A	—	AF54YH	100	B3001	S-7 / B-0	1-3/8"	
OR-140	AF	F3	3-3/8"	1.00 X 80°A	—	AF54YH	100	B3001	S-7 / B-0	1-3/8"	
OR-175	AF	F6	2-3/4"	1.25 X 80°A	—	AF54YB	100	B3001	S-7 / B-0	1-3/8"	
OR-210	AF	F6	2-3/4"	1.50 X 80°A	—	AF54YB	100	B3001	S-7 / B-0	1-3/8"	
OR-280	AF	F12	2-3/4"	2.00 X 80°B	—	AF54XO	100	B3001	S-7 / B-0	1-3/8"	
OR-330	AF	F22	2-3/4"	2.25 X 80°B	—	AF54XP	100	B3001	S-7 / B-0	1-3/8"	
OR-385	AF	F22	NONE	2.75 X 80°B	—	AF54YF	100	B3001	S-7 / B-0	1-3/8"	
VO, VOA-120	AF	F6	2-3/4"	0.85 X 80°A	—	AF54YB	100	B3001	S-7 / B-0	1-3/8"	
VO, VOA-150	AF	F6	2-3/4"	1.00 X 80°A	—	AF54YB	100	B3001	S-7 / B-0	1-3/8"	
VO, VOA-185	AF	F6	2-3/4"	1.25 X 80°B	—	AF54YB	100	B3001	S-6 / B-0	1-3/8"	
VO, VOA-225	AF	F6	2-3/4"	1.50 X 80°B	—	AF54YB	100	B3001	S-7 / B-0	1-3/8"	
VO, VOA-260	AF	F6	2-3/4"	1.75 X 80°B	—	AF54YB	100	B3001	—	1-3/8"	
VO, VOA-300	AF	F22	2-3/4"	2.00 X 80°B	—	AF54XP	100	B3001	S-10 / B-3	1-3/8"	
VO, VOA-375	AF	F22	2-3/4"	2.50 X 80°B	—	AF54XP	100	B3001	S-10 / B-3	1-3/8"	
VO, VOA-400	AF	F31	2-1/2"	2.75 X 60°B	—	AF54ZJ	100	B3001	S-10 / B-3	1-3/8"	
VO, VOA-416	AF	F31	2-1/2"	2.75 X 60°B	—	AF54ZJ	100	B3001	S-10 / B-3	1-3/8"	
PB105-8 3L	AFG	F3	3-3/8"	0.65 X 80°A	—	AF53YH	140	B2007	S-7 / B-0	—	
PB120-8 3H	AFG	F3	3-3/8"	0.75 X 80°A	—	AF53YH	140	B2007	S-7 / B-0	—	
PB150-8 4L	AFG	F6	3-3/8"	0.85 X 80°A	—	AF53YY	140	B2007	S-7 / B-0	—	
PB180-8 4H	AFG	F6	3-3/8"	1.00 X 80°A	—	AF53YY	140	B2007	S-7 / B-0	—	
PB200-8 5L	AFG	F6	3-3/8"	1.10 X 80°A	—	AF53YY	140	B2007	—	—	
PB235-8 5H	AFG	F12	3-3/8"	1.35 X 80°B	—	AF53WT	140	B2007	—	—	
PB255-8 6L	AFG	F12	3-3/8"	1.50 X 80°B	—	AF53WT	140	B2007	—	—	
PB295-8 6H	AFG	F16	NONE	1.65 X 80°B	—	AF53WK	140	B2007	—	—	
WO-120	AFG	F34	3-1/2"	0.85 X 80°B	—	AF44JJ	100	B2007	S-7 / B-0	—	
WO-120	AFG	F3	3-1/2"	0.85 X 80°B	—	AF44ZP	100	B2007	S-7 / B-0	—	
WO-150	AFG	F34	3-1/2"	1.10 X 80°B	—	AF44JJ	100	B2007	—	—	
WO-150	AFG	F3	3-1/2"	1.10 X 80°B	—	AF44ZP	100	B2007	—	—	
WO-185	AFG	F124	2-3/4"	1.35 X 80°B	—	AF44JB	100	B2007	—	—	
WO-185	AFG	F6	2-3/4"	1.35 X 80°B	—	AF44YB	100	B2007	—	—	
WO-225	AFG	F6	2-3/4"	1.65 X 80°B	—	AF44YB	100	B2007	—	—	
WO-225	AFG	F124	2-3/4"	1.65 X 80°B	—	AF44JB	100	B2007	—	—	
WO-260	AFG	F12	2-1/2"	1.75 X 80°B	—	AF44JX	100	B2007	—	—	
WO-260	AFG	F124	2-3/4"	1.75 X 80°B	—	AF44JB	100	B2007	—	—	
WO-300	AFG	F16	2-3/4"	2.25 X 80°B	—	AF44WF	100	B2007	S-10 / B-5	—	
WO-300	AFG	F164	2-3/4"	2.25 X 70°B	—	AF44JH	100	B2007	S-10 / B-5	—	
WO-375	SF	F220	2-3/4"	2.75 X 70°B	—	SF44FZ	100	B711	—	—	
WO-416	SF	F220	2-3/4"	3.00 X 70°B	—	SF44FZ	100	B711	—	—	
<b>Industrial Comm. Equip. Mfg.</b>											
OHV350	SF	F12	NONE	2.00 X 60°P	—	SF137VZ	125	B711	—	—	
OHV500	SF	F22	NONE	2.50 X 60°P	—	SF137NH	145	B711	—	13-7/8"	
<b>Intertherm</b>											
01LA-055C12B	AFG	F3	3-3/8"	0.50 X 80°S	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
01LA-085C12B	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
01LA-100C16B	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
01LA-125C20B	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	S-7 / B-0	—	1
01MA-055C12B	AFG	F3	3-3/8"	0.50 X 80°S	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1



Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Intertherm (cont'd)</b>											
01MA-085C12B	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
01MA-100C16B	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
01MA-125C20B	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	S-7 / B-0	—	1
02HA-175C20B	AFG	F12	2-3/4"	1.50 X 70°S	—	AF67XOFS	100	B2008	S-7 / B-0	—	1
02LA-085C12B	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
02LA-100C16B	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
02LA-125C20B	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	S-7 / B-0	—	1
02MA-055C12B	AFG	F3	3-3/8"	0.50 X 70°H	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
02MA-085C12B	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
02MA-100C16B	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
02MA-125C20B	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	S-7 / B-0	—	1
<i>(1) "FS" on air tube combination = fiber heat shield on combustion head.</i>											
<b>Int'l Comfort Prod. / Lincoln Barriere</b>											
NFOD	A	2"	3-3/8"	0.65 X 70°B	—	A40AA	100	B3001	S-5 / B-0	—	
NDOD/OND 105	AF	F3	3-3/8"R	0.90 X 70°A	—	AF40BN	100	B3001	S-8 / B-0	—	
NDOD/OND 85	AF	F3	3-3/8"R	0.75 X 70°A	—	AF40BN	100	B3001	S-5 / B-0	—	
NLOD/OLN 105	AF	F3	3-3/8"R	0.90 X 70°A	—	AF40BN	100	B3001	S-8 / B-0	—	
NLOD/OLN 85	AF	F3	3-3/8"R	0.75 X 70°A	—	AF40BN	100	B3001	S-5 / B-0	—	
NUOD/OUN 105	AF	F3	3-3/8"R	0.90 X 70°A	—	AF40BN	100	B3001	S-8 / B-0	—	
NUOD/OUN 84	AF	F3	3-3/8"R	0.75 X 70°A	—	AF40BN	100	B3001	S-5 / B-0	—	
FLO115DB	AFG	F3	2-3/4"	0.75 X 70°W	5880	AF72XN	100	B2007	S-7 / B-0	—	
LBM-100	AFG	F3	2-3/4"	0.75 X 70°B	—	AF44XN	100	B2007	S-7 / B-0	—	
LBM-105	AFG	F3	3-3/8"R	0.65 X 70°B	5880	AF53BN	130	B2007	S-8 / B-0	2-7/8"	
LBM-120	AFG	F3	2-3/4"	0.75 X 70°B	5880	AF53XN	130	B2007	S-8 / B-1	2-7/8"	
LBM-125	AFG	F3	2-3/4"	0.90 X 70°W	—	AF53XN	100	B2007	S-7 / B-0	—	
LBM-140	AFG	F3	2-3/4"	0.85 X 70°B	5880	AF53XN	140	B2007	S-4 / B-4	2-7/8"	
LBM-155	AFG	F6	2-3/4"	0.85 X 70°B	5880	AF53YB	170	B2007	S-8 / B-2	2-7/8"	
LBM-75	AFG	F3	3-3/8"R	0.50 X 70°W	5880	AF53BN	160	B2007	S-5 / B-0	2-7/8"	
LBM-90	AFG	F3	3-3/8"R	0.55 X 70°B	5880	AF53BN	140	B2007	S-7 / B-0	2-7/8"	
LBU-100	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2007	S-8 / B-0	—	1
LBU-125	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2007	S-9 / B-1	—	1
LBU-55	AFG	F3	3-3/8"	0.50 X 80°B	5880	AF47YHFS	100	B2007	S-8 / B-0	—	1
LBU-85	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2007	S-8 / B-0	—	1
LMO/OML-100	AFG	F3	2-3/4"	0.90 X 70°W	—	AF53XN	100	B2007	S-7 / B-0	—	
LMO/OML-125	AFG	F3	2-3/4"	0.90 X 70°W	—	AF53XN	100	B2007	S-7 / B-0	—	
LMO/OML-75	AFG	F3	3-3/8"	0.50 X 70°W	5880	AF44YH	100	B2007	S-7 / B-0	—	
NOLF105 0.50	AFG	F0	2-3/4"	0.50 X 70°A	5880	AF72XZT	100	B2007	S-4 / B-0	5-1/8"	
NOLF105 0.63	AFG	F0	2-3/4"	0.60 X 70°A	5880	AF72XZT	155	B2007	S-8 / B-0	5-1/8"	
NOLF205 0.75	AFG	F0	2-3/4"	0.60 X 70°B	—	AF72XZT	155	B2007	S-8 / B-0	5-1/8"	
NOUF-105 0.50	AFG	F0	2-3/4"	0.50 X 70°A	5880	AF72XZT	100	B2007	S-4 / B-0	5-1/8"	
NOUF-105 0.63	AFG	F0	2-3/4"	0.50 X 70°A	5880	AF72XZT	155	B2007	S-8 / B-0	5-1/8"	
NOUF-105 0.75	AFG	F0	2-3/4"	0.60 X 70°B	—	AF72XZT	155	B2007	S-8 / B-0	5-1/8"	
NOUF160 0.85	AFG	F3	2-3/4"	0.75 X 70°B	—	AF90XN	130	B2007	S-5 / B-0	6-5/8"	
NOUF160 0.97	AFG	F3	2-3/4"	0.85 X 70°B	—	AF90XN	130	B2007	S-6 / B-0	6-5/8"	
NOUF160 1.14	AFG	F3	2-3/4"	1.00 X 70°B	—	AF90XN	130	B2007	S-10 / B-0	6-5/8"	
OHB5-F 0.50	AFG	F0	2-3/4"	0.50 X 70°A	5880	AF72XZT	100	B2007	S-4 / B-0	5-1/8"	

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Int'l Comfort Prod. / Lincoln Barriere (cont'd)</b>											
OHB5-F 0.63	AFG	F0	2-3/4"	0.50 X 70°A	5880	AF72XZT	155	B2007	S-8 / B-0	5-1/8"	
OHB5-F 0.75	AFG	F0	2-3/4"	0.60 X 70°B	—	AF72XZT	155	B2007	S-8 / B-0	5-1/8"	
OHB6-F 0.85	AFG	F3	2-3/4"	0.75 X 70°B	—	AF90XN	130	B2007	S-5 / B-0	6-5/8"	
OHB6-F 0.97	AFG	F3	2-3/4"	0.85 X 70°B	—	AF90XN	130	B2007	S-6 / B-0	6-5/8"	
OHB6-F 1.14	AFG	F3	2-3/4"	1.00 X 70°B	—	AF90XN	130	B2007	S-10 / B-0	6-5/8"	
OHL/LHO 5113	AFG	F3	2-3/4"	0.85 X 70°W	—	AF72XN	100	B2007	S-7 / B-0	—	
OHL/LHO 5168	AFG	F6	2-3/4"	1.25 X 70°W	—	AF90YB	100	B2007	S-7 / B-0	7-15/16"	
OHL/LHO 5230	AFG	F22	2-3/4"	1.75 X 70°W	—	AF90XP	100	B2007	S-7 / B-0	7-15/16"	
OLB5-F 0.50	AFG	F0	2-3/4"	0.50 X 70°A	5880	AF72XZT	100	B2007	S-4 / B-0	5-1/8"	
OLB5-F 0.63	AFG	F0	2-3/4"	0.50 X 70°A	5880	AF72XZT	155	B2007	S-8 / B-0	5-1/8"	
OLB5-F 0.75	AFG	F0	2-3/4"	0.60 X 70°B	—	AF72XZT	155	B2007	S-8 / B-0	5-1/8"	
OLB5-R 0.50	AFG	F0	2-3/4"	0.50 X 70°A	5880	AF72XZT	100	B2007	S-5 / B-0	5-1/8"	
OLB5-R 0.63	AFG	F0	2-3/4"	0.50 X 70°A	5880	AF72XZT	155	B2007	S-8 / B-0	5-1/8"	
OLB5-R 0.75	AFG	F0	2-3/4"	0.60 X 70°B	—	AF72XZT	155	B2007	S-8 / B-0	5-1/8"	
OLB6-R	AFG	F3	2-3/4"	0.85 X 70°B	—	AF90XN	130	B2007	S-6 / B-0	6-5/8"	
OLB6-R 0.85	AFG	F3	2-3/4"	0.75 X 70°B	—	AF90XN	130	B2007	S-5 / B-0	6-5/8"	
OLB6-R 1.14	AFG	F3	2-3/4"	1.00 X 70°B	—	AF90XN	130	B2007	S-10 / B-0	6-5/8"	
OLF105 0.50	AFG	F0	2-3/4"	0.50 X 70°A	5880	AF72XZT	100	B2007	S-4 / B-0	5-1/8"	
OLF105 0.63	AFG	F0	2-3/4"	0.50 X 70°A	5880	AF72XZT	155	B2007	S-8 / B-0	5-1/8"	
OLF105 0.75	AFG	F0	2-3/4"	0.60 X 70°B	—	AF72XZT	155	B2007	S-8 / B-0	5-1/8"	
OLF105A12B 0.50	AFG	F0	2-3/4"	0.50 X 70°A	5880	AF72XZT	100	B2007	S-4 / B-0	5-1/8"	
OLF105A12B 0.63	AFG	F0	2-3/4"	0.50 X 70°A	5880	AF72XZT	155	B2007	S-8 / B-0	5-1/8"	
OLF105A12B 0.75	AFG	F0	2-3/4"	0.60 X 70°B	—	AF72XZT	155	B2007	S-8 / B-0	5-1/8"	
OLL/LL05000/7000	AFG	F3	2-3/4"	0.75 X 70°W	5880	AF65XN	100	B2007	S-7 / B-0	5-3/16"	
OLR160B20B 0.85	AFG	F3	2-3/4"	0.75 X 70°B	—	AF90XN	130	B2007	S-5 / B-0	6-5/8"	
OLR160B20B 0.97	AFG	F3	2-3/4"	0.85 X 70°B	—	AF90XN	130	B2007	S-6 / B-0	6-5/8"	
OLR160B20B 1.14	AFG	F3	2-3/4"	1.00 X 70°B	—	AF90XN	130	B2007	S-10 / B-0	6-5/8"	
OMF/OMV098	AFG	L2	3-3/8"	0.50 X 60°A	5880	AFG70MQSS	150	B2007	S-6 / B-0	1-3/4"	
OMF/OMV112	AFG	L2	3-3/8"	0.60 X 60°W	5880	AFG70MQSS	140	B2007	S-10 / B-0	1-3/4"	
OUF105 0.50	AFG	F0	2-3/4"	0.50 X 70°A	5880	AF72XZT	100	B2007	S-4 / B-0	5-1/8"	
OUF105 0.63	AFG	F0	2-3/4"	0.50 X 70°A	5880	AF72XZT	155	B2007	S-8 / B-0	5-1/8"	
OUF105 0.75	AFG	F0	2-3/4"	0.60 X 70°B	—	AF72XZT	155	B2007	S-8 / B-0	5-1/8"	
OUF160 0.85	AFG	F3	2-3/4"	0.75 X 70°B	—	AF90XN	130	B2007	S-5 / B-0	6-5/8"	
OUF160 0.97	AFG	F3	2-3/4"	0.85 X 70°B	—	AF90XN	130	B2007	S-6 / B-0	6-5/8"	
OUF160 1.14	AFG	F3	2-3/4"	1.00 X 70°B	—	AF90XN	130	B2007	S-10 / B-0	6-5/8"	
OCF105 0.50	AFII 085	AF2-6	# 3	0.50 X 60°W	—	HLX70HD	100	B7703	2	4-15/16"	
OCF105 0.63	AFII 085	AF2-6	# 3	0.50 X 60°W	—	HLX70HD	155	B7703	3	4-15/16"	
OCF105 0.75	AFII 085	AF2-6	# 3	0.60 X 60°W	—	HLX70HD	155	B7703	4	4-15/16"	
ODH5F 0.50	AFII 085	AF2-6	# 3	0.50 X 60°W	—	HLX70HD	100	B7703	2	4-15/16"	
ODH5F 0.63	AFII 085	AF2-6	# 3	0.50 X 60°W	—	HLX70HD	155	B7703	3	4-15/16"	
ODH5F 0.75	AFII 085	AF2-6	# 3	0.60 X 60°W	—	HLX70HD	155	B7703	4	4-15/16"	
OHB5F 0.50	AFII 085	AF2-6	# 3	0.50 X 60°W	—	HLX70HD	100	B7703	2	4-15/16"	
OHB5F 0.63	AFII 085	AF2-6	# 3	0.50 X 60°W	—	HLX70HD	155	B7703	3	4-15/16"	
OHB5F 0.75	AFII 085	AF2-6	# 3	0.60 X 70°B	—	HLX70HD	155	B7703	4	4-15/16"	
OLB5F 0.50	AFII 085	AF2-6	# 3	0.50 X 60°W	—	HLX70HD	100	B7703	2	4-15/16"	
OLB5F 0.63	AFII 085	AF2-6	# 3	0.50 X 60°W	—	HLX70HD	155	B7703	3	4-15/16"	
OLB5F 0.75	AFII 085	AF2-6	# 3	0.60 X 70°B	—	HLX70HD	155	B7703	4	4-15/16"	
OLB5R 0.50	AFII 085	AF2-6	# 3	0.50 X 60°W	—	HLX70HD	100	B7703	2	4-15/16"	
OLB5R 0.63	AFII 085	AF2-6	# 3	0.50 X 60°W	—	HLX70HD	155	B7703	3	4-15/16"	

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Int'l Comfort Prod. / Lincoln Barriere (cont'd)</b>											
OLB5R 0.75	AFII 085	AF2-6	# 3	0.60 X 60°W	—	HLX70HD	155	B7703	4	4-15/16"	
OLF105 0.50	AFII 085	AF2-6	# 3	0.50 X 60°W	—	HLX70HD	100	B7703	2	4-15/16"	
OLF105 0.63	AFII 085	AF2-6	# 3	0.50 X 60°W	—	HLX70HD	155	B7703	3	4-15/16"	
OLF105 0.75	AFII 085	AF2-6	# 3	0.60 X 60°W	—	HLX70HD	155	B7703	4	4-15/16"	
OLR105	AFII 085	AF2-6	# 3	0.60 X 60°W	—	HLX70HD	100	B7703	2	4-15/16"	
OLR105 0.63	AFII 085	AF2-6	# 3	0.50 X 60°W	—	HLX70HD	155	B7703	3	4-15/16"	
OLR105 0.75	AFII 085	AF2-6	# 3	0.60 X 60°W	—	HLX70HD	155	B7703	4	4-15/16"	
OUF105 0.50	AFII 085	AF2-6	# 3	0.50 X 60°W	—	HLX70HD	100	B7703	2	4-15/16"	
OUF105 0.63	AFII 085	AF2-6	# 3	0.50 X 60°W	—	HLX70HD	155	B7703	3	4-15/16"	
OUF105 0.75	AFII 085	AF2-6	# 3	0.60 X 70°B	—	HLX70HD	155	B7703	4	4-15/16"	
OHB6F 0.85	AFII 150	FB3	—	0.75 X 70°B	—	FBX90HGXS	130	B7203	3	6-5/8"	
OHB6F 0.97	AFII 150	FB3	—	0.85 X 70°B	—	FBX90HGXS	130	B7203	4	6-5/8"	
OHB6F 1.14	AFII 150	FB3	—	1.00 X 70°B	—	FBX90HGXS	130	B7203	7	6-5/8"	
OLB6R	AFII 150	FB3	—	0.85 X 70°B	—	FBX90HGXS	130	B7203	4	6-5/8"	
OLB6R 0.85	AFII 150	FB3	—	0.75 X 70°B	—	FBX90HGXS	130	B7203	3	6-5/8"	
OLB6R 1.14	AFII 150	FB3	—	1.00 X 70°B	—	FBX90HGXS	130	B7203	7	6-5/8"	
OLR160 0.85	AFII 150	FB3	—	0.75 X 70°B	—	FBX90HGXS	130	B7203	3	6-5/8"	
OLR160 0.97	AFII 150	FB3	—	0.85 X 70°B	—	FBX90HGXS	130	B7203	4	6-5/8"	
OLR160 1.14	AFII 150	FB3	—	1.00 X 70°B	—	FBX90HGXS	130	B7203	7	6-5/8"	
OUF160 0.85	AFII 150	FB3	—	0.75 X 70°B	—	FBX90HGXS	130	B7203	3	6-5/8"	
OUF160 0.97	AFII 150	FB3	—	0.85 X 70°B	—	FBX90HGXS	130	B7203	4	6-5/8"	
OUF160 1.14	AFII 150	FB3	—	1.00 X 70°B	—	FBX90HGXS	130	B7203	7	6-5/8"	
OMF/OMV	NX	6-slot	—	0.50 X 60°W	32229	NX56LQ	145	B8001	2.75	1-3/4"	40
OMF/OMV	NX	6-slot	—	0.60 X 60°A	—	NX56LQ	145	B8001	2.5	1-3/4"	40
OMF/OMV	NX	6-slot	—	0.40 X 60°A	32229	NX56LQ	155	B8001	2	1-3/4"	40
OMF/OMV154	NX	6-slot	—	0.75 X 60°B	—	NX50LC	160	B8001	2.5	1-3/4"	
<i>(1) "FS" on air tube combination = fiber heat shield on combustion head.</i>											
<i>(40) Must maintain 0° downward pitch on air tube/flange.</i>											
<b>Int'l Comfort Products</b>											
NFODO73DA	A	2"	3-3/8"	0.65 X 70°B	—	A40AA	100	B3001	—	—	
NDOD105BF	AF	F3	3-3/8"R	0.90 X 70°A	—	AF40BN	100	B3001	S-5 / B-0	—	
NDODO84BF	AF	F3	3-3/8"R	0.75 X 70°A	—	AF40BN	100	B3001	S-5 / B-0	—	
NLOD105BF	AF	F3	3-3/8"R	0.90 X 70°A	—	AF40BN	100	B3001	S-5 / B-0	—	
NLODO84BF	AF	F3	3-3/8"R	0.75 X 70°A	—	AF40BN	100	B3001	S-5 / B-0	—	
NUOD105BH	AF	F3	3-3/8"R	0.90 X 70°A	—	AF40BN	100	B3001	S-5 / B-0	—	
NUODO84BF	AF	F3	3-3/8"R	0.75 X 70°A	—	AF40BN	100	B3001	S-5 / B-0	—	
<b>Janitrol</b>											
CHZ-100BK	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
CHZ-125BK	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	—	—	1
CHZ-55BK	AFG	F3	3-3/8"	0.50 X 80°S	5880	AF47YHFS	100	B2008	—	—	1
CHZ-75BK	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
UHC-100BK	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
UHC-125BK	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	—	—	1
UHC-55BK	AFG	F3	3-3/8"	0.50 X 80°S	5880	AF47YHFS	100	B2008	—	—	1
UHC-85BK	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
UHZB055BK	AFG	F3	3-3/8"	0.50 X 70°H	5880	AF47YHFS	100	B2008	—	—	1

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Janitrol (cont'd)</b>											
UHZB085BK	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
UHZB100BK	AFG	F3	2-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
UHZB125BK	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	—	—	1
UHZB175BK	AFG	F12	2-3/4"	1.50 X 70°S	—	AF67XOFS	100	B2008	—	—	1
ULB-100BK	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
ULB-125BK	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	—	—	1
ULB-55BK	AFG	F3	3-3/8"	0.50 X 80°S	5880	AF47YHFS	100	B2008	—	—	1
ULB-85BK	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
ULBB085BK	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
ULBB100BK	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
ULBB125BK	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	—	—	1
<i>(1) "FS" on air tube combination = fiber heat shield on combustion head.</i>											
<b>Keeprite / ICP</b>											
NLO5055BFB1	AFG	F3	3-3/8"	0.50 X 80°S	5880	AF47YHFS	100	B2008	—	—	1
NLO5085BFB1	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
NLO5100BHB1	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
NLO5125BKB1	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	—	—	1
NMO5055BFB1	AFG	F3	3-3/8"	0.50 X 80°S	5880	AF47YHFS	100	B2008	—	—	1
NMO5085BGB1	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
NMO5100BHB1	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	—	—	1
NMO5125BKB1	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	—	—	1
<i>(1) "FS" on air tube combination = fiber heat shield on combustion head.</i>											
<b>Kerr Heating Products</b>											
BCFG-180 COMET	AFG	F12	2-3/4"	1.25 X 60°B	—	AF90XO	145	B2007	—	5-1/4"	
BCFG-200 COMET	AFG	F12	2-3/4"	1.35 X 60°B	—	AF90XO	145	B2007	—	5-1/4"	
BCFG-220 COMET	AFG	F22	2-3/4"	1.50 X 60°B	—	AF90XP	145	B2007	—	5-1/4"	
BCFG-250 COMET	AFG	F22	2-3/4"	1.75 X 60°B	—	AF90XP	100	B2007	—	5-1/4"	
BNTG-100 NOVA	AFG	F3	2-3/4"	0.75 X 80°B	—	AF72XN	140	B2007	—	5-1/2"	
BNTG-110 NOVA	AFG	F3	2-3/4"	0.65 X 80°B	—	AF72XN	140	B2007	—	5-1/2"	
BNTG-125 NOVA	AFG	F3	2-3/4"	0.85 X 60°W	—	AF72XN	140	B2007	—	5-1/2"	
BNTG-160 NOVA	AFG	F12	2-3/4"	1.10 X 60°A	—	AF72XO	140	B2007	—	5-1/2"	
BNTG-160 NOVA	AFG	F3	2-3/4"	0.85 X 60°W	—	AF72XN	140	B2007	—	5-1/2"	
BNTG-160 NOVA	AFG	F12	2-3/4"	1.00 X 60°W	—	AF72XO	140	B2007	—	5-1/2"	
K4FCG-090											
COMPACT	AFG	L1	3-3/8"	0.60 X 45°ES	—	AFG70MMASN	140	B2007	—	2-1/2"	9,16,40
K4FCG-090											
COMPACT	AFG	L1	3-3/8"	0.50 X 45°ES	5880	AFG70MMASN	140	B2007	—	2-1/2"	9,16,40
K6CG-120 SUMMIT	AFG	L1	3-3/8"	0.60 X 60°A	—	AFG70MMASN	140	B2007	—	2-1/2"	9,16,40
K6CG-120 SUMMIT	AFG	L1	3-3/8"	0.65 X 60°A	—	AFG70MMASN	140	B2007	—	2-1/2"	9,16,40
K6CG-120 SUMMIT	AFG	L1	3-3/8"	0.75 X 60°A	—	AFG70MMASN	140	B2007	—	2-1/2"	9,16,40
K6CG-120 SUMMIT	AFG	L1	3-3/8"	0.85 X 60°A	—	AFG70MMASN	140	B2007	—	2-1/2"	9,16,40
KCR(F)G-120 CONTO	AFG	L1	3-3/8"	0.60 X 60°A	—	AFG70MMASN	140	B2007	—	2-1/2"	9,16,40
KCR(F)G-120 CONTO	AFG	L1	3-3/8"	0.75 X 60°A	—	AFG70MMASN	140	B2007	—	2-1/2"	9,16,40
KCR(F)G-120 CONTO	AFG	L1	3-3/8"	0.85 X 60°A	—	AFG70MMASN	140	B2007	—	2-1/2"	9,16,40
KCR(F)G-120 CONTO	AFG	L1	3-3/8"	0.65 X 60°A	—	AFG70MMASN	140	B2007	—	2-1/2"	9,16,40

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Kerr Heating Products (cont'd)</b>											
KDFG, KDRG-115 GE	AFG	L1	3-3/8"	0.75 X 60°B	—	AFG70MMASN	140	B2007	—	2-1/2"	9,16,40
KDFG, KDRG-115 GE	AFG	L1	3-3/8"	0.50 X 60°B	—	AFG70MMASN	140	B2007	—	2-1/2"	9,16,40
KDFG, KDRG-115 GE	AFG	L1	3-3/8"	0.65 X 60°B	—	AFG70MMASN	140	B2007	—	2-1/2"	9,16
KDFG, KDRG-115 GE	AFG	L1	3-3/8"	0.60 X 60°B	—	AFG70MMASN	140	B2007	—	2-1/2"	9,16,40
KDFG, KDRG-115 GE	AFG	L1	3-3/8"	0.85 X 60°B	—	AFG70MMASN	140	B2007	—	2-1/2"	9,16,40
KMR(F/G) ECLIPSE	AFG	L1	3-3/8"	0.50 X 45°ES	5880	AFG70MMASN	140	B2007	—	2-1/2"	9,16,40
KMR(F/G) ECLIPSE	AFG	L1	3-3/8"	0.60 X 45°ES	—	AFG70MMASN	140	B2007	—	2-1/2"	9,16,40
KMR(F/G) ECLIPSE	AFG	L1	3-3/8"	0.65 X 45°ES	—	AFG70MMASN	140	B2007	—	2-1/2"	9,16,40
B5 SATURN	AFII 150	AF2-9	# 7	1.10 X 60°W	—	HLX50HC	140	B7203	—	—	
B5 SATURN	AFII 150	AF2-9	# 7	1.25 X 60°W	—	HLX50HC	140	B7203	—	—	
B5 SATURN	AFII 150	AF2-9	# 3	1.00 X 60°W	—	HLX50HC	140	B7203	—	—	
B5 SATURN	AFII 150	AF2-9	# 3	0.85 X 60°W/AR	—	HLX50HC	140	B7203	—	—	
B5 SATURN	AFII 150	AF2-9	# 0	0.75 X 60°W/AR	—	HLX50HC	140	B7203	—	—	
B5 SATURN	AFII 150	AF2-9	# 0	0.65 X 60°W	—	HLX50HC	140	B7203	—	—	
BCB5-140 COMET	AFII 150	AF2-9	# 0	0.75 X 60°A	—	HLX90HC	140	B7203	—	—	
BCB5-140 COMET	AFII 150	AF2-9	# 0	0.85 X 60°B	—	HLX90HC	140	B7203	—	—	
BCB5-140 COMET	AFII 150	AF2-9	# 0	1.00 X 60°B	—	HLX90HC	140	B7203	—	—	
BCB3-095 COMET	AFII 85	AF2-6	# 3	0.50 X 70°B	—	HLX90HD	180	B7703	—	—	
BCB3-095 COMET	AFII 85	AF2-6	# 5	0.65 X 60°A	—	HLX90HD	140	B7703	—	—	
CB3 COMET	AFII 85	AF2-6	# 3	0.50 X 70°B	—	HLX90HD	180	B7703	—	—	
CB3 COMET	AFII 85	AF2-6	# 5	0.65 X 60°A	—	HLX90HD	140	B7703	—	—	
<i>(9) Electrode settings of 1/4" above center of nozzle, 1/8" in front of nozzle and gap 5/32".</i>											
<i>(16) With conic shroud, "Z" dimension is 1-3/4".</i>											
<i>(40) Must maintain 0° downward pitch on air tube/flange.</i>											
<b>Keystone Mfg.</b>											
K07	AFG	F3	2-3/4"	1.00 X 80°B	—	AF65XN	140	B2007	—	4-1/2"	14
<i>(14) Requires flange gasket #31653.</i>											
<b>Lennox</b>											
020Q2-70	AF	F0	3-1/2"	0.50 X 80°A	—	AF50WG	100	B3001	S-7 / B-0	—	
OF-20-175-1	AF	F12	2-3/4"	1.25 X 70°S	—	AF65XO	100	B3001	S-7 / B-0	—	
OF-20-210-1	AF	F12	2-3/4"	1.50 X 80°S	—	AF65XO	100	B3001	S-7 / B-0	—	
OF-20-245-1	AF	F12	2-3/4"	1.75 X 80°S	—	AF65XO	100	B3001	S-7 / B-0	—	
OS20-175-1	AF	F12	2-3/4"	1.25 X 70°S	—	AF65XO	100	B3001	S-7 / B-0	—	
OS20-210-1	AF	F12	2-3/4"	1.50 X 70°S	—	AF65XO	100	B3001	S-7 / B-0	—	
OS20-245-1	AF	F12	2-3/4"	1.75 X 70°S	—	AF65XO	100	B3001	S-7 / B-0	—	
020Q5-140/154	AFG	F6	2-3/4"	1.10 X 80°B	—	AF50YB	100	B2007	S-5 / B-1	—	
COWB-3 BLR	AFG	L1	3-3/8"	0.75 X 70°A	—	AFG50MB	100	B2007	S-8 / B-0	—	
COWB-3 BLR W/CL	AFG	L1	3-3/8"	0.75 X 70°A	—	AFG50MB	100	B2007	S-8 / B-0	—	
COWB-4 BLR	AFG	V1-0	2-3/4"	1.25 X 70°B	—	AFG50MD	100	B2007	S-5 / B-1	—	
COWB-4 BLR W/CL	AFG	V1-0	2-3/4"	1.50 X 70°B	—	AFG50MD	100	B2007	S-5 / B-1	—	
COWB-5 BLR	AFG	V1-3	2-3/4"	1.75 X 70°B	—	AFG50MD	100	B2007	S-5 / B-1	—	
COWB-5 BLR W/CL	AFG	V1-4	2-3/4"	2.00 X 70°B	—	AFG50MD	100	B2007	S-10 / B-1	—	
ELO/SLO183UF/68	AFG	F0	2-3/4"	0.50 X 80°A	5880	AF46XZTHS	100	B2007	S-4 / B-0	5"	2, 58
ELO/SLO183UF/86	AFG	F0	2-3/4"	0.65 X 80°B	5880	AF46XZTHS	100	B2007	S-10 / B-0	5"	2, 58
ELO183UF/101	AFG	F3	2-3/4"	0.65 X 80°B	5880	AF46XNHS	140	B2007	S-6 / B-0	5"	2
ELO183UF/114	AFG	F3	2-3/4"	0.75 X 80°B	5880	AF46XNHS	140	B2007	S-8 / B-0	5"	2
ELO183UF/135	AFG	F4	3-3/8"	0.85 X 80°B	—	AF46WPHS	140	B2007	S-6 / B-0	5"	2

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Lennox (cont'd)</b>											
ELO183UF/150	AFG	F4	3-3/8"	1.00 X 80°B	—	AF46WPHS	140	B2007	S-9 / B-0	5"	2
O20Q3-105/120	AFG	F3	2-3/4"	0.85 X 80°B	—	AF50XN	100	B2007	S-8 / B-0	—	
O23-175	AFG	F6	2-3/4"	1.10 X 80°B	—	AF55YB	140	B2007	S-8 / B-0	5-5/8"	
O23-210	AFG	F6	2-3/4"	1.25 X 80°B	—	AF55YB	140	B2007	S-8 / B-0	5-5/8"	
O2OQ3-105-1	AFG	F3	2-3/4"	0.75 X 80°S	—	AF50XN	100	B2007	S-8 / B-0	—	
O2OQ3-120-1	AFG	F3	2-3/4"	0.85 X 80°S	—	AF50XN	100	B2007	S-8 / B-0	—	
O2OQ3-140-1	AFG	F3	2-3/4"	1.00 X 80°S	—	AF50XN	100	B2007	S-8 / B-0	—	
O2OQ3-154-1	AFG	F3	2-3/4"	1.10 X 80°S	—	AF50XN	100	B2007	S-8 / B-0	—	
OF20Q3-105/120	AFG	F3	2-3/4"	0.75 X 80°B	—	AF50XN	100	B2007	S-8 / B-0	—	
OF20Q3-105/120R	AFG	F3	2-3/4"	0.75 X 80°B	—	AF55XN	100	B2007	S-8 / B-0	—	
OF20Q5-140/154	AFG	F6	2-3/4"	1.00 X 80°B	—	AF50YB	100	B2007	S-8 / B-0	—	
OF20Q5-140/154R	AFG	F6	2-3/4"	1.00 X 80°B	—	AF50YB	100	B2007	S-8 / B-0	—	
OF20Q5-175/210R	AFG	F6	2-3/4"	1.25 X 80°B	—	AF50YB	100	B2007	S-8 / B-0	—	
OSR20Q3-105/120	AFG	F3	2-3/4"	0.75 X 80°B	—	AF50XN	100	B2007	S-8 / B-0	—	
OSR20Q3-105/120	AFG	F3	2-3/4"	0.85 X 80°B	—	AF50XN	100	B2007	S-8 / B-0	—	
OSR20Q5-140/154	AFG	F6	2-3/4"	1.00 X 80°B	—	AF55YB	100	B2007	S-8 / B-0	—	
O23-140	AFII 150	FB6	—	0.85 X 80°B	—	FBX64HIXS	140	B7210	6	5"	
O23-154	AFII 150	FB6	—	1.00 X 80°B	—	FBX64HIXS	140	B7210	6	5"	
O24Q5-140/154-5	AFII 150	FB6	—	0.85 X 80°B	—	FBX64HIXS	140	B7210	6	5-3/16"	
OF24Q5-140/154-5	AFII 150	FB6	—	0.85 X 80°B	—	FBX64HIXS	140	B7210	6	5-3/16"	
OF24Q5-140/154R-5	AFII 150	FB6	—	0.85 X 80°B	—	FBX64HIXS	140	B7210	6	5-3/16"	
O23-105	AFII 85	FB3	—	0.65 X 80°B	—	FBX64HGXS	140	B7711	6	5"	
O23-120	AFII 85	FB3	—	0.75 X 80°B	—	FBX64HGXS	140	B7711	6	5"	
O23-70	AFII 85	FB0	—	0.50 X 80°A (D)	—	FBX64HFXS	100	B7711	3	5"	32
O24Q2-70-5	AFII 85	FB0	—	0.50 X 80°A	—	FBX64HFXS	100	B7711	3	5-3/16"	
O24Q3-105/120-5	AFII 85	FB3	—	0.65 X 80°B	—	FBX64HGXS	140	B7711	6	5-3/16"	
OF24Q2-70-5	AFII 85	FB0	—	0.50 X 80°B	—	FBX64HFXS	100	B7711	3	5-3/16"	
OF24Q2-70R-5	AFII 85	FB0	—	0.50 X 80°A	—	FBX64HFXS	100	B7711	3	5-3/16"	
O24Q3-105/120-5	AFII 85	FB3	—	0.65 X 80°B	—	FBX64HGXS	140	B7711	6	5-3/16"	
O24Q3-105/120R-5	AFII 85	FB3	—	0.65 X 80°B	—	FBX64HGXS	100	B7711	6	5-3/16"	
O20RQ3-105-1	AR	R4	3-3/8"	0.75 X 80°S	—	AR53XL	100	B3001	—	—	23
O20RQ3-120-1	AR	R4	3-3/8"	0.85 X 80°S	—	AR53XL	100	B3001	—	—	23
O20RQ3-140-1	AR	R4	3-3/8"	1.00 X 80°S	—	AR53XL	100	B3001	—	—	23
O20RQ3-154-1	AR	R4	3-3/8"	1.10 X 80°S	—	AR53XL	100	B3001	—	—	23
OF-20-105-1	AR	R4	3-3/8"	0.75 X 80°S	—	AR53XL	100	B3001	—	—	23
OF-20-120-1	AR	R4	3-3/8"	0.85 X 80°S	—	AR53XL	100	B3001	—	—	23
OF-20-140-1	AR	R4	3-3/8"	1.00 X 80°S	—	AR53XL	100	B3001	—	—	23
OF-20-154-1	AR	R4	3-3/8"	1.10 X 80°S	—	AR53XL	100	B3001	—	—	23
OS20Q3-105-1	AR	R4	3-3/8"	0.75 X 80°S	—	AR53XL	100	B3001	—	—	23
OS20Q3-120-1	AR	R4	3-3/8"	0.85 X 80°S	—	AR53XL	100	B3001	—	—	23
OS20Q3-140-1	AR	R4	3-3/8"	1.00 X 80°S	—	AR53XL	100	B3001	—	—	23
OS20Q3-154-1	AR	R4	3-3/8"	1.10 X 80°S	—	AR53XL	100	B3001	—	—	23
SLO185/105	NX	6-Slot	—	0.65 X 60°A	—	NX70LHHS	150	B8001	3.75	5"	55
SLO185/79	NX	6-Slot	—	0.50 X 60°A	32229	NX70LHHS	150	B8001	3	5"	55
SLO185UF/124	NX	6-Slot	—	0.75 X 60°A	—	NX70LCHS	150	B8001	3.25	5"	55

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Lennox (cont'd)</b>											
SLO185UF/141	NX	6-Slot	—	0.85 X 60°A	—	NX70LCHS	150	B8001	3.75	5"	55
<p>(2) "HS" on air tube combination = ceramic heat shield on combustion head.  (23) R4 Head has a 1" "Z" dimension.  (32) The (D) in the Nozzle Description denotes a Delavan Del-o-flow nozzle.  (55) Burner equipped with P.N. 32246 Heat Shield.  (58) Requires 2-Slot Air Band #5151506.</p>											
<b>Lochinvar</b>											
BRE 030	AF	F0	3-3/8"	0.65 X 80°B	—	AF60XR	100	B3001	—	—	
BRE 032-B	AF	F3	2-3/4"	0.75 X 80°B	—	AF55XN	100	B3001	—	—	
BRE 050-B	AF	F3	2-3/4"	1.00 X 80°B	—	AF55XN	100	B3001	—	—	
BRE 051	AF	F0	3-3/8"	0.75 X 80°A	—	AF65XR	100	B3001	—	—	
BRE 070	AF	F3	2-3/4"	1.00 X 80°A	—	AF72XN	100	B3001	—	—	
BRE 75-B	AF	F3	2-3/4"	1.00 X 80°B	—	AF55XN	100	B3001	—	—	
<b>Logwood-Marathon Heater, Inc.</b>											
COB3-25	AF	F6	2-3/4"	1.25 X 80°A	—	AF65YB	100	B3001	—	—	
COB4-34	AF	F6	2-3/4"	1.50 X 80°A	—	AF65YB	100	B3001	—	—	
COF 22	AF	F3	2-3/4"	1.00 X 80°A	—	AF65XN	100	B3001	S-7 / B-0	—	
WCOB 24	AF	F0	2-3/4"	0.65 X 80°A	—	AF65XZT	100	B3001	S-7 / B-0	—	
WCOB 36	AF	F0	2-3/4"	0.85 X 80°A	—	AF65XZT	100	B3001	—	—	
WOB3-18	AF	F0	2-3/4"	0.85 X 80°A	—	AF65XZT	100	B3001	—	—	
WOB4-24	AF	F3	2-3/4"	1.00 X 80°A	—	AF65XN	100	B3001	S-7 / B-0	—	
WOB5-33	AF	F3	2-3/4"	1.25 X 80°A	—	AF65XN	100	B3001	—	—	
WOB6-42	AF	F6	2-3/4"	1.50 X 80°A	—	AF65YB	100	B3001	—	—	
WOB7-51	AF	F6	2-3/4"	1.65 X 80°A	—	AF65YB	100	B3001	—	—	
WOB8-60	AF	F6	2-3/4"	1.65 X 80°A	—	AF65YB	100	B3001	—	—	
WOF 18	AF	F0	2-3/4"	0.85 X 80°A	—	AF65XZT	100	B3001	S-7 / B-0	—	
WOF 24	AF	F3	2-3/4"	1.00 X 80°A	—	AF65XN	100	B3001	S-7 / B-0	—	
WOF 36	AF	F6	2-3/4"	1.25 X 80°A	—	AF65YB	100	B3001	S-7 / B-0	—	
WOF 36	AF	F6	2-3/4"	1.50 X 80°A	—	AF65YB	100	B3001	—	—	
YANKEE	AF	F0	2-3/4"	0.65 X 80°A	—	AF65XZT	100	B3001	S-7 / B-0	—	
<b>Longwood Furnace Co.</b>											
LW101	AF	F3	2-3/4"	0.85 X 60°B	—	AF90YW	100	B3001	S-7 / B-0	—	
LW101	AF	F3	2-3/4"	0.85 X 60°B	—	AF90XN	100	B3001	S-7 / B-0	—	
LW103	AF	F3	FINNED	1.10 X 80°S	—	AF104ZD	100	B3001	S-7 / B-0	—	
LW103	AF	F3	FINNED	0.85 X 80°S	—	AF104ZD	100	B3001	S-7 / B-0	—	
<b>Luxaire</b>											
PAFHD12F05501	AFG	F3	3-3/8"	0.50 X 80°S	5880	AF47YHFS	100	B2008	S-8 / B-0	—	1
PAFHD12F07301	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	S-8 / B-0	—	1
PAFHD16F10001	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	S-8 / B-0	—	1
PAFHD18F12501	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	S-9 / B-1	—	1
PCCFD16F08501	AFG	F3H	3-3/8"	0.75 X 70°A	5880	AF47YTSS	100	B2008	S-8 / B-0	—	27
PCCFD16F10001	AFG	F3H	3-3/8"	0.90 X 70°A	5880	AF47YTSS	100	B2008	S-8 / B-0	—	27
PCCFD16F12501	AFG	F6H	2-3/4"	1.10 X 70°A	5880	AF67JPSS	100	B2008	S-9 / B-1	—	27
PCHFB15F15001	AFG	F6H	2-3/4"	1.35 X 70°A	—	AF67JPSS	100	B2008	S-9 / B-1	—	27
PCHFB17F12501	AFG	F6H	2-3/4"	1.10 X 70°A	5880	AF67JPSS	100	B2008	S-9 / B-1	—	27
PCHFD17F08501	AFG	F3H	3-3/8"	0.75 X 70°A	5880	AF47YTSS	100	B2008	S-8 / B-0	—	27
PCHFD17F10001	AFG	F3H	3-3/8"	0.90 X 70°A	5880	AF47YTSS	100	B2008	S-8 / B-0	—	27

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Luxaire (cont'd)</b>											
PCLFB17F12501	AFG	F6H	2-3/4"	1.10 X 70°A	5880	AF67JPSS	100	B2008	S-9 / B-1	—	27
PCLFB20F15001	AFG	F6H	2-3/4"	1.35 X 70°A	—	AF67JPSS	100	B2008	S-9 / B-1	—	27
PCLFD12F08501	AFG	F3H	3-3/8"	0.75 X 70°A	5880	AF47YTSS	100	B2008	S-8 / B-0	—	27
PCLFD16F10001	AFG	F3H	3-3/8"	0.90 X 70°A	5880	AF47YTSS	100	B2008	S-8 / B-0	—	27
PCOC-LD16F100A	AFG	F3H	3-3/8"	0.90 X 79°A	5880	AF47YTSS	100	B2008	S-8 / B-0	—	27
PCOC-LD16F125A	AFG	F6H	2-3/4"	1.10 X 70°A	5880	AF67JPSS	100	B2008	S-9 / B-1	—	27
PCOC-LD16F085A	AFG	F3H	3-3/8"	0.75 X 70°A	5880	AF47YTSS	100	B2008	S-8 / B-0	—	27
PCOH-LB15F150A	AFG	F6H	2-3/4"	1.35 X 70°A	—	AF67JPSS	100	B2008	S-9 / B-1	—	27
PCOH-LB17F125A	AFG	F6H	2-3/4"	1.10 X 70°A	5880	AF67JPSS	100	B2008	S-9 / B-1	—	27
PCOH-LD17F085A	AFG	F3H	3-3/8"	0.75 X 70°A	5880	AF47YTSS	100	B2008	S-8 / B-0	—	27
PCOH-LD17F100A	AFG	F3H	3-3/8"	0.90 X 70°A	5880	AF47YTSS	100	B2008	S-8 / B-0	—	27
PCOL-LB17F125A	AFG	F6H	2-3/4"	1.10 X 70°A	5880	AF67JPSS	100	B2008	S-9 / B-1	—	27
PCOL-LB17F150A	AFG	F6H	2-3/4"	1.35 X 70°A	—	AF67JPSS	100	B2008	S-9 / B-1	—	27
PCOL-LB20F150A	AFG	F6H	2-3/4"	1.35 X 70°A	—	AF67JPSS	100	B2008	S-9 / B-1	—	27
PCOL-LD12F085A	AFG	F3H	3-3/8"	0.75 X 70°A	5880	AF47YTSS	100	B2008	S-8 / B-0	—	27
PCOL-LD16F100A	AFG	F3H	3-3/8"	0.90 X 70°A	5880	AF47YTSS	100	B2008	S-8 / B-0	—	27
PCOU-LD12F055A	AFG	D1	3-3/8"	0.50 X 80°B	5880	AF47JSSS	100	B2008	S-8 / B-0	—	7, 27
PCOU-LD16F100A	AFG	F3H	3-3/8"	0.90 X 70°A	5880	AF47YTSS	100	B2008	S-8 / B-0	—	27
PCOU-LD16F125A	AFG	F6H	2-3/4"	1.10 X 70°A	5880	AF67JPSS	100	B2008	S-9 / B-1	—	27
PCOU-LD17F085A	AFG	F3H	3-3/8"	0.75 X 70°A	5880	AF47YTSS	100	B2008	S-8 / B-0	—	27
PCOU-LD20F125A	AFG	F6H	2-3/4"	1.10 X 70°A	5880	AF67JPSS	100	B2008	S-9 / B-1	—	27
PCUFD12F05501	AFG	D1	3-3/8"	0.50 X 80°B	5880	AF47JSSS	100	B2008	S-8 / B-0	—	7, 27
PCUFD16F10001	AFG	F3H	3-3/8"	0.90 X 70°A	5880	AF47YTSS	100	B2008	S-8 / B-0	—	27
PCUFD16F12501	AFG	F6H	2-3/4"	1.10 X 70°A	5880	AF67JPSS	100	B2008	S-9 / B-1	—	27
PCUFD17F08501	AFG	F3H	3-3/8"	0.75 X 70°A	5880	AF47YTSS	100	B2008	S-8 / B-0	—	27
PCUFD20F12501	AFG	F6H	2-3/4"	1.10 X 70°A	5880	AF67JPSS	100	B2008	S-9 / B-1	—	27
PDLFD16F10001	AFG	F3H	3-3/8"	0.90 X 70°A	5880	AF47YTSS	100	B2008	S-8 / B-0	—	27
PDLFD17F12501	AFG	F6H	2-3/4"	1.10 X 70°A	5880	AF67JPSS	100	B2008	S-9 / B-1	—	27
PDLFD20F15001	AFG	F6H	2-3/4"	1.35 X 70°A	—	AF67JPSS	100	B2008	S-9 / B-1	—	27
P-FHD12F05501	AFG	F3	3-3/8"	0.50 X 80°S	5880	AF47YHFS	100	B2008	S-8 / B-0	—	1
P-FHD12F08501	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	S-8 / B-0	—	1
P-FHD16F10001	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	S-8 / B-0	—	1
P-FHD20F12501	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	S-9 / B-1	—	1
P-FLD12F05501	AFG	F3	3-3/8"	0.50 X 80°S	5880	AF47YHFS	100	B2008	S-8 / B-0	—	1
P-FLD12F08501	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	S-8 / B-0	—	1
P-FLD12F08501A	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	S-8 / B-0	—	1
P-FLD16F10001	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	S-8 / B-0	—	1
P-FLD16F10001A	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	S-8 / B-0	—	1
P-FLD20F12501	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	S-9 / B-1	—	1
P-FLD20F12501A	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	S-9 / B-1	—	1
P-FMD12F05501A	AFG	F3	3-3/8"	0.50 X 70°H	5880	AF47YHFS	100	B2008	S-8 / B-0	—	1
P-FMD12F08501A	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	S-8 / B-0	—	1
P-FMD16F08501A	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	S-8 / B-0	—	1
P-FMD16F10001A	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	S-8 / B-0	—	1
P-FMD20F10001A	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	S-8 / B-0	—	1
P-FMD20F12501A	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	S-9 / B-1	—	1



Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Luxaire (cont'd)</b>											
PFMD20F17001A	AFG	F12	2-3/4"	1.50 X 70°S	—	AF67XOFS	100	B2008	S-5 / B-2	—	1
(1) "FS" on air tube combination = fiber heat shield on combustion head.											
(7) D1 head requires 7/8" "Z" dimension.											
(27) Requires Stainless Steel air tube.											
<b>Magic Chef</b>											
L52-140 (1-18)	A	2"	34-9	1.25 X 80°S	—	A65BC	100	B3001	—	—	
L52-168 (1-18)	A	2-1/4"	31-12	1.50 X 80°H	—	A65CC	100	B3001	—	—	
L52-195 (1-18)	A	2-1/4"	31-12	1.75 X 80°S	—	A65CC	100	B3001	—	—	
L82-140 (1-18)	A	2"	34-9	1.25 X 80°S	—	A65BC	100	B3001	—	—	
L82-168 (1-18)	A	2-1/4"	31-12	1.50 X 80°S	—	A65CC	100	B3001	—	—	
L82-196 (1-18)	A	2-1/4"	31-12	1.75 X 80°S	—	A65CC	100	B3001	—	—	
L52-150 (20-21)	AF	F12	2-3/4"	1.25 X 70°S	—	AF65XO	100	B3001	—	—	
L52-168 (20-21)	AF	F12	2-3/4"	1.50 X 70°S	—	AF65XO	100	B3001	—	—	
L52-196 (20-21)	AF	F12	2-3/4"	1.75 X 70°S	—	AF65XO	100	B3001	—	—	
L5A-140	AF	F12	2-3/4"	1.25 X 70°S	—	AF65XO	100	B3001	—	—	
L5A-168	AF	F12	2-3/4"	1.50 X 70°S	—	AF65XO	100	B3001	—	—	
L5A-196	AF	F12	2-3/4"	1.75 X 70°S	—	AF65XO	100	B3001	—	—	
L82-140 (20-21)	AF	F12	2-3/4"	1.25 X 70°S	—	AF65XO	100	B3001	—	—	
L82-168 (20-21)	AF	F12	2-3/4"	1.50 X 80°S	—	AF65XO	100	B3001	—	—	
L82-196 (20-21)	AF	F12	2-3/4"	1.75 X 70°S	—	AF65XO	100	B3001	—	—	
L8A-140	AF	F12	2-3/4"	1.25 X 70°S	—	AF65XO	100	B3001	—	—	
L8A-168	AF	F12	2-3/4"	1.50 X 70°S	—	AF65XO	100	B3001	—	—	
L8A-196	AF	F12	2-3/4"	1.75 X 70°S	—	AF65XO	100	B3001	—	—	
L52-112	AR	R4	3-3/8"	1.00 X 80°S	—	AR53XL	100	B3001	—	—	23
L52-125	AR	R4	3-3/8"	1.10 X 80°S	—	AR53XL	100	B3001	—	—	23
L52-84	AR	R4	3-3/8"	0.75 X 80°S	—	AR53XL	100	B3001	—	—	23
L52-95	AR	R4	3-3/8"	0.85 X 80°S	—	AR53XL	100	B3001	—	—	23
L5A-112	AR	R4	3-3/8"	1.00 X 80°S	—	AR53XL	100	B3001	—	—	23
L5A-125	AR	R4	3-3/8"	1.10 X 80°S	—	AR53XL	100	B3001	—	—	23
L5A-84	AR	R4	3-3/8"	0.75 X 80°S	—	AR53XL	100	B3001	—	—	23
L5A-95	AR	R4	3-3/8"	0.85 X 80°S	—	AR53XL	100	B3001	—	—	23
L62-112	AR	R4	3-3/8"	1.00 X 80°S	—	AR53XL	100	B3001	—	—	23
L62-125	AR	R4	3-3/8"	1.10 X 80°S	—	AR53XL	100	B3001	—	—	23
L62-84,D	AR	R4	3-3/8"	0.75 X 80°S	—	AR53XL	100	B3001	—	—	23
L62-95,D	AR	R4	3-3/8"	0.85 X 80°S	—	AR53XL	100	B3001	—	—	23
L6A-112	AR	R4	3-3/8"	1.00 X 80°S	—	AR53XL	100	B3001	—	—	23
L6A-125	AR	R4	3-3/8"	1.10 X 80°S	—	AR53XL	100	B3001	—	—	23
L6A-84,D	AR	R4	3-3/8"	0.75 X 80°S	—	AR53XL	100	B3001	—	—	23
L6A-95,D	AR	R4	3-3/8"	0.85 X 80°S	—	AR53XL	100	B3001	—	—	23
L72-112D	AR	R4	3-3/8"	1.00 X 80°S	—	AR53XL	100	B3001	—	—	23
L72-125D	AR	R4	3-3/8"	1.10 X 80°S	—	AR53XL	100	B3001	—	—	23
L72-84D	AR	R4	3-3/8"	0.75 X 80°S	—	AR53XL	100	B3001	—	—	23
L72-95D	AR	R4	3-3/8"	0.85 X 80°S	—	AR53XL	100	B3001	—	—	23

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Magic Chef (cont'd)</b>											
L7A-112D	AR	R4	3-3/8"	1.00 X 80°S	—	AR53XL	100	B3001	—	—	23
L7A-125D	AR	R4	3-3/8"	1.10 X 80°S	—	AR53XL	100	B3001	—	—	23
L7A-84D	AR	R4	3-3/8"	0.75 X 80°S	—	AR53XL	100	B3001	—	—	23
L7A-95D	AR	R4	3-3/8"	0.85 X 80°S	—	AR53XL	100	B3001	—	—	23
L82-112D	AR	R4	3-3/8"	1.00 X 80°S	—	AR53XL	100	B3001	—	—	23
L82-125D	AR	R4	3-3/8"	1.10 X 80°S	—	AR53XL	100	B3001	—	—	23
L82-84D	AR	R4	3-3/8"	0.75 X 80°S	—	AR53XL	100	B3001	—	—	23
L82-95D	AR	R4	3-3/8"	0.85 X 80°S	—	AR53XL	100	B3001	—	—	23
L8A-112D	AR	R4	3-3/8"	1.00 X 80°S	—	AR53XL	100	B3001	—	—	23
L8A-125D	AR	R4	3-3/8"	1.10 X 80°S	—	AR53XL	100	B3001	—	—	23
L8A-84D	AR	R4	3-3/8"	0.75 X 80°S	—	AR53XL	100	B3001	—	—	23
L8A-95D	AR	R4	3-3/8"	0.85 X 80°S	—	AR53XL	100	B3001	—	—	23
L13-225	SF	F220	2-3/4"	2.00 X 70°B	—	SF53FZ	100	B711	—	—	
L13-275	SF	F220	2-3/4"	2.50 X 60°B	—	SF53FZ	100	B711	—	—	
L13-350	SF	F310	NONE	3.00 X 70°B	—	SF53FT	100	B711	—	—	15
L13-450	SF	F310	NONE	4.00 X 60°B	—	SF53FT	100	B711	—	—	15
<i>(15) Must remain 6" downward pitch on air tube/flange combinations.</i>											
<i>(23) R4 Head has a 1" "Z" dimension.</i>											
<b>Melvin Mfg. Corp.</b>											
KDS-4	AF	F3	2-3/4"	1.00 X 80°NS	—	AF60XN	100	B3001	S-7 / B-0	—	
KDS-5	AF	F6	2-3/4"	1.35 X 80°NS	—	AF60YB	100	B3001	S-7 / B-0	—	
KDS-6	AF	F12	2-3/4"	1.65 X 80°NS	—	AF60XO	100	B3001	S-7 / B-0	—	
KDS-7	AF	F12	2-3/4"	2.00 X 80°NS	—	AF60XO	100	B3001	S-7 / B-0	—	
KDS-8	AF	F30	NONE	2.25 X 80°NS	—	AF60JA	100	B3001	S-7 / B-0	—	
KDS-9	AF	F30	NONE	2.50 X 80°NS	—	AF60JA	100	B3001	S-7 / B-0	—	
B135	AFG	F6	2-3/4"	1.35 X 80°NS	—	AF60YB	100	B2007	S-7 / B-0	—	
B150	AFG	F6	2-3/4"	1.50 X 80°NS	—	AF60YB	100	B2007	S-7 / B-0	—	
B175	AFG	F12	2-3/4"	1.75 X 80°NS	—	AF60XO	100	B2007	S-7 / B-0	—	
B200	AFG	F22	2-3/4"	2.00 X 80°NS	—	AF60XP	100	B2007	S-7 / B-0	—	
B250	AFG	F30	NONE	2.50 X 60°PL	—	AF62JA	100	B2007	S-7 / B-0	—	
B300	AFG	F30	NONE	3.00 X 60°PLP	—	AF62JA	100	B2007	S-7 / B-0	—	
DC-4	AFG	F3	2-3/4"	1.00 X 80°NS	—	AF60XN	100	B2007	S-7 / B-0	—	
DC-5	AFG	F6	2-3/4"	1.35 X 80°NS	—	AF60YB	100	B2007	S-7 / B-0	—	
DC-6	AFG	F12	2-3/4"	1.65 X 80°NS	—	AF60XO	100	B2007	S-7 / B-0	—	
DC-7	AFG	F22	2-3/4"	2.00 X 80°NS	—	AF60XP	100	B2007	S-7 / B-0	—	
DC-8	AFG	F30	NONE	2.25 X 80°NS	—	AF60JA	100	B2007	S-7 / B-0	—	
DC-9	AFG	F30	NONE	2.50 X 80°NS	—	AF60JA	100	B2007	S-7 / B-0	—	
SS3065-99	AFG	F0	3-5/8"	0.60 X 80°B	—	AF44YL	100	B2007	S-7 / B-0	—	
SS3075	AFG	F3	3-1/2"	0.65 X 80°B	—	AF44WR	100	B2007	S-7 / B-0	—	
SS3100	AFG	L1	3-3/8"	1.00 X 70°R	—	AFG50MB	100	B2007	S-8 / B-1	—	
SS3100-99	AFG	F3	3-1/2"	0.85 X 70°B	—	AF44WR	100	B2007	S-10 / B-0	—	
SS375	AFG	L1	3-3/8"	0.75 X 70°R	—	AFG50MB	100	B2007	S-8 / B-0	—	
SS4090-99	AFG	F3	3-1/2"	0.75 X 80°A	—	AF44WR	100	B2007	S-8 / B-0	—	
SS4125	AFG	V1-1	2-3/4"	1.25 X 70°B	—	AFG50MD	100	B2007	S-9 / B-2	—	
SS4125-00	AFG	F6	3-3/8"	1.00 X 80°A	—	AF44BA	100	B2007	—	—	

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Melvin Mfg. Corp. (cont'd)</b>											
SS4150	AFG	V1-1	2-3/4"	1.50 X 70°R	—	AFG50MD	100	B2007	—	—	
SS4150-99	AFG	F6	3-3/8"	1.25 X 80°A	—	AF44BA	100	B2007	—	—	
SS5120-99	AFG	L1	2-3/4"	1.00 X 60°B	—	AFG50MB	100	B2007	—	—	
SS5175	AFG	V1-2	2-3/4"	1.75 X 70°B	—	AFG50MD	100	B2007	—	—	
SS5175-99	AFG	L1	2-3/4"	1.50 X 45°B	—	AFG50MB	100	B2007	—	—	
SS5200	AFG	V1-3	2-3/4"	2.00 X 70°B	—	AFG50MD	100	B2007	S-10 / B-5	—	
SS5200-99	AFG	V1-4	2-3/4"	1.85 X 60°B	—	AFG50MD	100	B2007	S-10 / B-5	—	
<b>Memco</b>											
KDS-4	AF	F3	2-3/4"	1.00 X 80°NS	—	AF60XN	100	B3001	S-7 / B-0	—	
KDS-5	AF	F6	2-3/4"	1.35 X 80°NS	—	AF60YB	100	B3001	S-7 / B-0	—	
KDS-6	AF	F12	2-3/4"	1.65 X 80°NS	—	AF60XO	100	B3001	S-7 / B-0	—	
KDS-7	AF	F12	2-3/4"	2.00 X 80°NS	—	AF60XO	100	B3001	S-7 / B-0	—	
KDS-8	AF	F30	NONE	2.25 X 80°NS	—	AF60JA	100	B3001	S-7 / B-0	—	
KDS-9	AF	F30	NONE	2.50 X 80°NS	—	AF60JA	100	B3001	S-7 / B-0	—	
B135	AFG	F6	2-3/4"	1.35 X 80°NS	—	AF60YB	100	B2007	S-7 / B-0	—	
B150	AFG	F6	2-3/4"	1.50 X 80°NS	—	AF60YB	100	B2007	S-7 / B-0	—	
B175	AFG	F12	2-3/4"	1.75 X 80°NS	—	AF60XO	100	B2007	S-7 / B-0	—	
B200	AFG	F22	2-3/4"	2.00 X 80°NS	—	AF60XP	100	B2007	S-7 / B-0	—	
B250	AFG	F30	NONE	2.50 X 60°PL	—	AF62JA	100	B2007	S-7 / B-0	—	
B300	AFG	F30	NONE	3.00 X 60°PLP	—	AF62JA	100	B2007	S-7 / B-0	—	
DC-4	AFG	F3	2-3/4"	1.00 X 80°NS	—	AF60XN	100	B2007	S-7 / B-0	—	
DC-5	AFG	F6	2-3/4"	1.35 X 80°NS	—	AF60YB	100	B2007	S-7 / B-0	—	
DC-6	AFG	F12	2-3/4"	1.65 X 80°NS	—	AF60XO	100	B2007	S-7 / B-0	—	
DC-7	AFG	F22	2-3/4"	2.00 X 80°NS	—	AF60XP	100	B2007	S-7 / B-0	—	
DC-8	AFG	F30	NONE	2.25 X 80°NS	—	AF60JA	100	B2007	S-7 / B-0	—	
DC-9	AFG	F30	NONE	2.50 X 80°NS	—	AF60JA	100	B2007	S-7 / B-0	—	
SS3100	AFG	L1	3-3/8"	1.00 X 70°R	—	AFG50MB	100	B2007	S-8 / B-1	—	
SS375	AFG	L1	3-3/8"	0.75 X 70°R	—	AFG50MB	100	B2007	S-8 / B-1	—	
SS4125	AFG	V1-1	2-3/4"	1.25 X 70°R	—	AFG50MD	100	B2007	S-9 / B-2	—	
SS4150	AFG	V1-1	2-3/4"	1.50 X 70°B	—	AFG50MD	100	B2007	—	—	
SS5175	AFG	V1-2	2-3/4"	1.75 X 70°R	—	AFG50MD	100	B2007	—	—	
SS5200	AFG	V1-3	2-3/4"	2.00 X 70°R	—	AFG50MD	100	B2007	S-10 / B-5	—	
<b>Metromatic Mfg. Co.</b>											
HB100	AF	F3	2-3/4"	0.85 X 80°A	—	AF90XN	100	B3001	S-7 / B-0	—	
HB120	AF	F3	2-3/4"	1.00 X 80°A	—	AF90XN	100	B3001	S-7 / B-0	—	
HB140	AF	F3	2-3/4"	1.25 X 80°A	—	AF90XN	100	B3001	S-7 / B-0	—	
HB200	AF	F12	2-3/4"	1.75 X 80°A	—	AF130XO	100	B3001	S-7 / B-0	—	
HB275	AF	F22	2-3/4"	2.25 X 80°A	—	AF130XP	100	B3001	S-7 / B-0	—	
HB84	AF	F3	2-3/4"	0.75 X 80°A	—	AF90XN	100	B3001	S-7 / B-0	—	
LB100	AF	F3	2-3/4"	0.85 X 80°A	—	AF90XN	100	B3001	S-7 / B-0	—	
LB120	AF	F3	2-3/4"	1.00 X 80°A	—	AF90XN	100	B3001	S-7 / B-0	—	
LB140	AF	F3	2-3/4"	1.10 X 80°A	—	AF65XN	100	B3001	S-7 / B-0	—	
LB200	AF	F12	2-3/4"	1.75 X 80°A	—	AF130XO	100	B3001	S-7 / B-0	—	
LB275	AF	F22	2-3/4"	2.25 X 80°A	—	AF130XP	100	B3001	S-7 / B-0	—	
LB84	AF	F3	2-3/4"	0.75 X 80°A	—	AF90XN	100	B3001	S-7 / B-0	—	
SU100	AF	F3	2-3/4"	0.85 X 80°A	—	AF90XN	100	B3001	S-7 / B-0	—	

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Metromatic Mfg. Co. (cont'd)</b>											
SU120	AF	F3	2-3/4"	1.00 X 80°A	—	AF90XN	100	B3001	S-7 / B-0	—	
SU140	AF	F3	2-3/4"	1.25 X 80°A	—	AF90XN	100	B3001	S-7 / B-0	—	
SU200	AF	F12	2-3/4"	1.75 X 80°A	—	AF130XO	100	B3001	S-7 / B-0	—	
SU275	AF	F22	2-3/4"	2.25 X 80°A	—	AF130XP	100	B3001	S-7 / B-0	—	
SU84	AF	F3	2-3/4"	0.75 X 80°A	—	AF90XN	100	B3001	S-7 / B-0	—	
HB100	AFG	F3	2-3/4"	0.85 X 70 or 80°B	—	AF90XN	100	B2007	S-7 / B-0	—	
HB120	AFG	F3	2-3/4"	1.00 X 70 or 80°B	—	AF90XN	100	B2007	S-7 / B-0	—	
HB140	AFG	F3	2-3/4"	1.25 X 70 or 80°B	—	AF104XN	100	B2007	S-7 / B-0	—	
HB200	AFG	F12	2-3/4"	1.75 X 70 or 80°B	—	AF90XO	100	B2007	S-7 / B-0	—	
HB275	AFG	F22	2-3/4"	2.25 X 70 or 80°B	—	AF130XP	100	B2007	S-7 / B-0	—	
HB84	AFG	F3	2-3/4"	0.75 X 70 or 80°B	—	AF90XN	100	B2007	S-7 / B-0	—	
LB100	AFG	F3	2-3/4"	0.85 X 70 or 80°B	—	AF90XN	100	B2007	S-7 / B-0	—	
LB120	AFG	F3	2-3/4"	1.00 X 70 or 80°B	—	AF90XN	100	B2007	S-7 / B-0	—	
LB140	AFG	F3	2-3/4"	1.25 X 70 or 80°B	—	AF104XN	100	B2007	S-7 / B-0	—	
LB200	AFG	F12	2-3/4"	1.75 X 70 or 80°B	—	AF90XO	100	B2007	S-7 / B-0	—	
LB275	AFG	F22	2-3/4"	2.25 X 70 or 80°B	—	AF130XO	100	B2007	S-7 / B-0	—	
LB84	AFG	F3	2-3/4"	0.75 X 70 or 80°B	—	AF90XN	100	B2007	S-7 / B-0	—	
SU100	AFG	F3	2-3/4"	0.85 X 70 or 80°B	—	AF90XN	100	B2007	S-7 / B-0	—	
SU120	AFG	F3	2-3/4"	1.00 X 70 or 80°B	—	AF90XN	100	B2007	S-7 / B-0	—	
SU140	AFG	F3	2-3/4"	1.25 X 70 or 80°B	—	AF104XN	100	B2007	S-7 / B-0	—	
SU200	AFG	F12	2-3/4"	1.75 X 70 or 80°B	—	AF90XO	100	B2007	S-7 / B-0	—	
SU275	AFG	F22	2-3/4"	2.25 X 70 or 80°B	—	AF130XP	100	B2007	S-7 / B-0	—	
SU84	AFG	F3	2-3/4"	0.75 X 70 or 80°B	—	AF90XN	100	B2007	S-7 / B-0	—	
<b>Metzger Machine</b>											
LBO10-AF .60	AFG	F3	3-3/8"	0.50 X 70°A	—	AF65YHHSSS	140	B2008	S-7 / B-0	5-1/2"	2, 27
LBO10-AF .75	AFG	F3	3-3/8"	0.65 X 70°A	—	AF65YHHSSS	140	B2008	S-7 / B-0	5-1/2"	2, 27
LBO10-AF .85	AFG	F3	3-3/8"	0.70 X 70°A	—	AF65YHHSSS	140	B2008	S-7 / B-0	5-1/2"	2, 27
(2) "HS" on air tube combination = ceramic heat shield on combustion head.											
(27) Requires Stainless Steel air tube.											
<b>Modine Mfg. Co.</b>											
POH/POR100	AF	F4	3-3/8"R	0.75 X 70°B	—	AF83BZ	130	B3001	S-5 / B-0	4-7/8"	
POH/POR145	AF	F4	3-3/8"R	1.10 X 70°B	—	AF83BZ	130	B3001	S-10 / B-3	4-7/8"	
POH/POR185	AF	F12	2-3/4"	1.65 X 70°B	—	AF83XO	100	B3001	S-4 / B-5	4-7/8"	
<b>Moncrief</b>											
XEF0112F070	AFG	F3	3-3/8"	0.50 X 80°S	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
XEF0112F105	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
XEF0116F125	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
XEF0120F155	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	S-7 / B-0	—	1
(1) "FS" on air tube combination = fiber heat shield on combustion head.											
<b>Monitor Products</b>											
FCX	NX	6-slot	—	0.50 X 60°AH	32229	NX50LC	150	—	1.25	3"	15
FCX	NX	6-slot	—	0.50 X 60°AH	32229	NX50LC	175	—	1.75	3"	15
(15) Must maintain 6° downward pitch on air tube/flange.											
<b>New Yorker</b>											
AP-490	AFG	F3	3-1/2"	0.65 X 80°AB	5880	AF40WR	140	B2007	S-7 / B-0	1"	39
AP-590	AFG	F4	3-3/8" R	0.85 X 80°B (H)	—	AF40BZ	140	B2007	S-4 / B-0	1"	31
AP-690	AFG	F4	3-1/2"	0.90 X 80°B (H)	—	AF40WB	140	B2007	S-6 / B-0	1"	31

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>New Yorker (cont'd)</b>											
AP-790	AFG	F4	3-3/8" R	1.10 X 80°B (H)	—	AF40BZ	140	B2007	—	1"	31
AP-870	AFG	F6	3-3/8"	1.25 X 80°B (H)	—	AF40WN	140	B2007	S-10 / B-3	1"	31
AP-970	AFG	F12	3-3/8"	1.50 X 80°B	—	AF40XO	140	B2007	S-10 / B-2	1"	
CL3-091	AFG	L1	3-3/8"	0.55 X 70°B	5880	AFG70MBAS	140	B2007	S-8 / B-0	2-1/4"	31
CL3-105	AFG	L1	3-3/8"	0.65 X 45°B (H)	—	AFG70MBAS	140	B2007	S-6 / B-0	2-1/4"	31
CL3-140	AFG	L1	3-3/8"	0.85 X 45°B (H)	—	AFG70MBAS	140	B2007	S-10 / B-1	2-1/4"	31
CL4-126	AFG	L1	3-3/8"	0.75 X 45°B	—	AFG70MBAS	140	B2007	S-7 / B-0	2-1/4"	
CL4-175	AFG	V1-0	2-3/4"	1.00 X 45°B (H)	—	AFG70MDAS	175	B2007	S-10 / B-1	2-1/4"	31
CL4-210	AFG	V1-0	2-3/4"	1.10 X 45°B (H)	—	AFG70MDAS	175	B2007	S-10 / B-2	2-1/4"	31
CL5-168	AFG	V1-2	2-3/4"	0.90 X 45°B (H)	—	AFG70MDAS	175	B2007	S-10 / B-0	2-1/4"	31
CL5-245	AFG	V1-3	2-3/4"	1.35 X 45°B (H)	—	AFG70MDAS	175	B2007	S-7 / B-3	2-1/4"	31
CL5-280	AFG	V1-4	NONE	1.50 X 45°B (H)	—	AFG70MLAS	175	B2007	S-10 / B-3	2-1/4"	31
CL-3	AFG	F3	3-3/8"	0.85 X 80°A	—	AF40YH	140	B2007	S-8 / B-1	1-7/16"	
CL-4	AFG	F4	3-3/8"	1.10 X 80°B	—	AF40WP	140	B2007	S-10 / B-1	1-7/16"	
CL-5	AFG	F6	2-3/4"	1.35 X 80°B	—	AF40YB	140	B2007	S-10 / B-3	1-7/16"	
CL-6	AFG	F12	2-3/4"	1.50 X 80°B	—	AF40XO	140	B2007	S-10 / B-3	1-7/16"	
CL-7	AFG	F16	NONE	1.75 X 80°B	—	AF40WK	140	B2007	S-10 / B-2	1-7/16"	
CL-8	AFG	V1-4	2-3/4"	2.00 X 60°B	—	AFG50MD	140	B2007	S-10 / B-6	1-7/16"	
CLW-3	AFG	F3	3-3/8"	0.85 X 80°B	5880	AF40YH	140	B2007	S-10 / B-2	1-7/16"	
CLW-3	AFG	F0	3-3/8"	0.65 X 80°A	—	AF40XR	140	B2007	S-10 / B-2	1-7/16"	
CLW-4	AFG	F6	2-3/4"	1.35 X 80°B	—	AF40YB	100	B2007	S-8 / B-0	1-7/16"	
CLW-4	AFG	F3	2-3/4"	1.00 X 80°B	—	AF40XN	100	B2007	S-8 / B-0	1-7/16"	
CLW-5	AFG	F6	2-3/4"	1.65 X 80°B	—	AF40YB	100	B2007	S-8 / B-0	1-7/16"	
CLW-5	AFG	F6	2-3/4"	1.25 X 80°B	—	AF40YB	100	B2007	S-8 / B-0	1-7/16"	
CLW-6	AFG	F6	2-3/4"	1.65 X 80°B	—	AF40YB	100	B2007	S-10 / B-1	1-7/16"	
CLW-6	AFG	F16	2-1/4"	2.00 X 80°B	—	AF40BT	100	B2007	S-10 / B-1	1-7/16"	
CPH-176	AFG	F6	3-3/8"	1.50 X 80°A	—	AF62YY	100	B2007	—	—	
FR-122	AFG	F6	3-3/8"	1.10 X 80°A	—	AF62YY	100	B2007	—	—	
FR-122	AFG	V1-0	2-3/4"	0.90 X 60°B (H)	—	AFG70MDAS	140	B2007	S-9 / B-0	1-5/8"	31
FR-122	AFG	L1	3-3/8"	0.90 X 45°B (H)	—	AFG50MBAS	140	B2007	S-10 / B-2	1-5/8"	31
FR-147	AFG	F6	3-3/8"	1.25 X 80°A	—	AF62YY	100	B2007	—	—	
FR-147	AFG	V1-0	2-3/4"	1.00 X 60°B (H)	—	AFG70MDAS	140	B2007	S-10 / B-0	1-5/8"	31
FR-173	AFG	F6	3-3/8"	1.50 X 80°A	—	AF62YY	100	B2007	—	—	
FR-173	AFG	V1-2	2-3/4"	1.25 X 60°B (H)	—	AFG70MDAS	140	B2007	S-5 / B-3	1-5/8"	31
FR-205	AFG	F12	2-3/4"	1.75 X 80°A	—	AF62XO	100	B2007	—	—	
FR-205	AFG	V1-3	2-3/4"	1.50 X 60°B (H)	—	AFG70MDAS	140	B2007	S-10 / B-3	1-5/8"	31
FR-232	AFG	F16	2-3/4"	2.00 X 80°A	—	AF62WF	100	B2007	—	—	
FR-232	AFG	V1-4	2-3/4"	1.65 X 60°B (H)	—	AFG70MDAS	140	B2007	S-4 / B-4	1-5/8"	31
FR-98	AFG	F3	3-3/8"	0.85 X 80°A	—	AF62YH	100	B2007	—	—	
FR-98	AFG	L1	3-3/8"	0.75 X 45°B	—	AFG50MB	140	B2007	S-8 / B-0	1-5/8"	
FR-98	AFG	V1-0	2-3/4"	0.75 X 60°B (H)	5880	AFG70MDAS	140	B2007	S-10 / B-0	1-5/8"	31
FR-HGSII	AFG	V1-1	—	1.10 X 60°W	—	AFG50MLAS	140	B2007	S-9 / B-2	1-5/8"	
FR-HGS	AFG	F6	3-3/8"	1.00 X 80°A	5880	AF62YY	140	B2007	—	—	
FR-HGS	AFG	F3	3-3/8"	0.85 X 80°A	—	AF62YH	140	B2007	—	—	
FR-HGS	AFG	L1	3-3/8"	0.85 X 60°B (H)	5880	AFG50MBAS	140	B2007	S-9 / B-1	1-5/8"	31
FR-HGSII	AFG	F6	3-3/8"	1.10 X 80°A	—	AF62YY	140	B2007	—	—	
MICROTEK III	AFG	V1-2	2-3/4"	1.10 X 45°B	—	AFG50MDAS	140	B2007	—	—	
MICROTEK III	AFG	L1	3-3/8"	0.85 X 60°B (H)	—	AFG50MBAS	140	B2007	—	—	31
MICROTEK III	AFG	L1	3-3/8"	0.50 X 70°B (H)	5880	AFG50MBAS	140	B2007	S-7 / B-0	1-1/2"	31

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>New Yorker (cont'd)</b>											
OS-123-1	AFG	F6	3-3/8"	1.10 X 80°A	—	AF62YY	100	B2007	—	—	
OS-140-1	AFG	F6	3-3/8"	1.25 X 80°A	—	AF62YY	100	B2007	—	—	
OS-161-1	AFG	F6	3-3/8"	1.50 X 80°A	—	AF62YY	100	B2007	—	—	
OS-191-1	AFG	F12	2-3/4"	1.75 X 80°A	—	AF62XO	100	B2007	—	—	
PH-176	AFG	F6	3-3/8"	1.50 X 80°A	—	AF62YY	100	B2007	—	—	
PH-203	AFG	F12	2-3/4"	1.75 X 80°A	—	AF62XO	100	B2007	—	—	
S-118-AP	AFG	F4	3-3/8"	0.85 X 80°B (H)	—	AF40BZ	140	B2007	—	—	31
S-131-AP	AFG	F4	3-3/8" R	1.00 X 80°B (H)	—	AF40BZ	140	B2007	S-10 / B-2	1"	31
S-154-AP	AFG	F4	3-3/8" R	1.10 X 80°B (H)	—	AF40BZ	140	B2007	S-8 / B-0	1"	31
S-176-AP	AFG	F6	3-3/8" R	1.25 X 80°B (H)	—	AF40WN	140	B2007	S-10 / B-3	1"	31
S-203-AP	AFG	F12	2-3/4"	1.50 X 80°B	—	AF40XO	140	B2007	S-10 / B-2	1"	
S-97-AP	AFG	F6	3-3/8" R	0.75 X 80°B (H)	—	AF40WN	140	B2007	S-7 / B-0	1"	31
WH-176	AFG	F6	3-3/8" R	1.25 X 80°B (H)	—	AF40WN	140	B2007	S-10 / B-3	1"	31
MICROTEK III											
(D.V.I.)	AFII 150	AF2-9	# 3	0.85 X 60°B	—	HLX50HE	140	B7210	4	2"	5,6
MICROTEK III											
(D.V.I.)	AFII 150	AF2-9	# 5	1.00 X 60°B	—	HLX50HE	140	B7210	4	2"	5,6
MICROTEK III											
(D.V.I.)	AFII 85	AF2-6	# 2	0.50 X 70°B	—	HLX50HD	140	B7711	2	2"	5,6
CI-HGS-127B/DV	NX	9-Slot	—	0.85 X 60°B(H)	—	NX70LB	150	B8001	2.75	2"	31
CI-HGS-176B/DV	NX	9-Slot	—	1.00 X 45°B(H)	—	NX90LD	180	B8001	1	3-1/2"	31
AP-1070	SF	F220	2-3/4"	2.50 X 80°B	—	SF56FZ	100	B711	S-4 / B-0	3-5/8"	
AP-1170	SF	F220	2-3/4"	3.00 X 80°B	—	SF56FZ	100	B711	S-5 / B-0	3-5/8"	
CPH-284	SF	F220	2-3/4"	2.50 X 80°B	—	SF56FZ	100	B711	S-4 / B-0	3-5/8"	
CPH-339	SF	F220	2-3/4"	3.00 X 80°B	—	SF56FZ	100	B711	S-5 / B-0	3-5/8"	
CPH-396	SF	F300	NONE	4.00 X 80°B	—	SF56SA	100	B711	S-5 / B-0	3-5/8"	
FD-252	SF	F220	2-3/4"	2.50 X 80°B	—	SF56FZ	100	B711	S-5 / B-0	3-5/8"	
FD-252	SF	F163	2-3/4"	2.50 X 80°B	—	SF56FE	100	B711	—	—	
FD-330	SF	F220	NONE	3.00 X 80°B	—	SF56FD	100	B711	—	—	
FD-396	SF	F300	NONE	4.00 X 80°B	—	SF56SA	100	B711	—	—	
FD-453	SF	F300	NONE	4.50 X 80°B	—	SF56SA	100	B711	S-5 / B-2	3-5/8"	
FR-265	SF	F220	NONE	2.00 X 80°B	—	SF56FD	140	B711	S-5 / B-0	3-5/8"	
FR-305	SF	F220	NONE	2.25 X 80°B	—	SF56FD	140	B711	S-5 / B-2	3-5/8"	
FR-350	SF	F220	NONE	3.00 X 80°B	—	SF56FD	100	B711	S-5 / B-3	3-5/8"	
FR-400	SF	F220	NONE	3.50 X 80°B	—	SF56FD	100	B711	S-5 / B-3	3-5/8"	
FR-462	SF	F300	NONE	4.00 X 80°B	—	SF56SA	100	B711	S-5 / B-2	3-5/8"	
OS-227-1	SF	F220	2-3/4"	2.00 X 80°B	—	SF56FZ	100	B711	—	—	
OS-270-1	SF	F220	2-3/4"	2.50 X 80°B	—	SF56FZ	100	B711	S-5 / B-2	—	
PH-284	SF	F220	2-3/4"	2.50 X 80°B	—	SF56FZ	100	B711	—	—	
PH-339	SF	F220	2-3/4"	3.00 X 80°B	—	SF56FZ	100	B711	—	—	
S-284-AP	SF	F220	2-3/4"	2.50 X 80°B	—	SF56FZ	100	B711	—	—	
S-339-AP	SF	F220	2-3/4"	3.00 X 80°B	—	SF56FZ	100	B711	—	—	
WH-284	SF	F220	2-3/4"	2.50 X 80°B	—	SF56FZ	100	B711	—	—	
WH-339	SF	F220	2-3/4"	3.00 X 80°B	—	SF56FZ	100	B711	—	—	
WH-396	SF	F300	NONE	4.00 X 80°B	—	SF56SA	100	B711	—	—	
(5) Non-delay valve required.											
(6) Nozzle line heater required.											
(31) The (H) in the Nozzle Description denotes a Hago.											
(39) The AB in the Nozzle Description denotes a Danfoss.											

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Newmac Mfg. Inc.</b>											
NH2	AF	F3	2-3/4"	1.00 X 80°AR	—	AF81XN	100	B3001	S-7 / B-0	—	
NH2	AF	F3	2-3/4"	0.85 X 80°AR	—	AF81XN	100	B3001	S-7 / B-0	—	
NH2	AF	F3	2-3/4"	0.75 X 80°AR	—	AF81XN	100	B3001	S-7 / B-0	—	
NH2	AF	F3	2-3/4"	0.65 X 80°AR	—	AF81XN	100	B3001	S-7 / B-0	—	
NL2	AF	F3	2-3/4"	1.00 X 70°A	—	AF81XN	100	B3001	S-7 / B-0	—	
NL2	AF	F3	2-3/4"	0.75 X 70°A	—	AF81XN	100	B3001	S-7 / B-0	—	
NL2	AF	F3	2-3/4"	0.65 X 70°A	—	AF81XN	100	B3001	S-7 / B-0	—	
NL2	AF	F3	2-3/4"	0.85 X 70°A	—	AF81XN	100	B3001	S-7 / B-0	—	
NL3	AF	F6	2-3/4"	1.50 X 70°A	—	AF90YB	100	B3001	S-7 / B-0	—	
NL3	AF	F6	2-3/4"	1.35 X 70°A	—	AF90YB	100	B3001	S-7 / B-0	—	
NL3	AF	F6	2-3/4"	1.25 X 70°A	—	AF90YB	100	B3001	S-7 / B-0	—	
NL3	AF	F6	2-3/4"	1.00 X 70°A	—	AF90YB	100	B3001	S-7 / B-0	—	
NLF	AF	F3	2-3/4"	0.75 X 70°A	—	AF90XN	100	B3001	S-7 / B-0	—	
NLF	AF	F3	2-3/4"	0.85 X 70°A	—	AF90XN	100	B3001	S-7 / B-0	—	
NLF	AF	F3	2-3/4"	0.65 X 70°A	—	AF90XN	100	B3001	S-7 / B-0	—	
NLF	AF	F3	2-3/4"	1.00 X 70°A	—	AF90XN	100	B3001	S-7 / B-0	—	
NMR	AF	F3	2-3/4"	0.65 X 70°A	—	AF90XN	100	B3001	S-7 / B-0	—	
NMR	AF	F3	2-3/4"	1.00 X 70°A	—	AF90XN	100	B3001	S-7 / B-0	—	
NMR	AF	F3	2-3/4"	0.75 X 70°A	—	AF90XN	100	B3001	S-7 / B-0	—	
NMR	AF	F3	2-3/4"	0.85 X 70°A	—	AF90XN	100	B3001	S-7 / B-0	—	
J17	AFG	F6	2-3/4"	1.10 X 70°A	—	AF53YB	100	B2007	S-9 / B-0	2-1/8"	
J17	AFG	F6	2-3/4"	1.00 X 70°A	—	AF53YB	100	B2007	S-7 / B-0	2-1/8"	
J17	AFG	F6	2-3/4"	1.25 X 70°B	—	AF53YB	100	B2007	S-10 / B-1	2-1/8"	
J17	AFG	F3	2-3/4"	0.85 X 70°A	—	AF53XN	100	B2007	S-7 / B-0	2-1/8"	
LFR-65	AFG	L1	3-3/8"	0.40 X 45°B (H)	5880	AFG70MMSS	180	B2008	S-7 / B-0	2"	16, 31
LFR-80	AFG	L1	3-3/8"	0.50 X 45°B (H)	5880	AFG70MMSS	180	B2008	S-7 / B-0	2"	16, 31
LFR-89	AFG	L1	3-3/8"	0.55 X 45°B (H)	—	AFG70MMSS	180	B2008	S-7 / B-0	2"	16, 31
NBR-107	AFG	L1	3-3/8"	0.75 X 60°B	—	AFG70MBSS	140	B2008	S-7 / B-0	4-1/2"	27
NBR-121	AFG	L1	3-3/8"	0.85 X 60°B	—	AFG70MBSS	140	B2008	S-7 / B-0	4-1/2"	27
NBR-140	AFG	V1-0	2-3/4"	1.00 X 45°ES	—	AFG70MDSS	140	B2008	S-7 / B-0	4-1/2"	27
NBR-153	AFG	V1-0	2-3/4"	1.10 X 45°ES	—	AFG70MDSS	140	B2008	S-7 / B-0	4-1/2"	27
NBR-2000	AFG	V1-0	2-3/4"	1.00 X 45°ES	—	AFG70MDSS	100	B2008	S-7 / B-0	4-1/2"	27
NBR-2000	AFG	L1	3-3/8"	0.65 X 60°B	—	AFG70MBSS	100	B2008	S-7 / B-0	4-1/2"	27
NBR-2000	AFG	L1	3-3/8"	0.75 X 60°B	—	AFG70MBSS	100	B2008	S-7 / B-0	4-1/2"	27
NBR-2000	AFG	L1	3-3/8"	0.85 X 60°B	—	AFG70MBSS	100	B2008	S-7 / B-0	4-1/2"	27
NBR-93	AFG	L1	3-3/8"	0.65 X 60°B	—	AFG70MBSS	140	B2008	S-7 / B-0	4-1/2"	27
NH3	AFG	F3	3-3/8"	0.85 X 70°A	5880	AF60YHHSSS	100	B2008	S-7 / B-0	5"	2, 27
NH3-101	AFG	F3	3-3/8"	0.85 X 70°A	5880	AF60YHHSSS	100	B2008	S-7 / B-0	5"	2, 27
NH3-77	AFG	F3	3-3/8"	0.65 X 70°A	5880	AF60YHHSSS	100	B2008	S-7 / B-0	5"	2, 27
NH3-89	AFG	F3	3-3/8"	0.75 X 70°A	5880	AF60YHHSSS	100	B2007	S-7 / B-0	5"	2, 27
NL2	AFG	F4	3-3/8"	0.85 X 70°A	5880	AF81WPHSSS	100	B2007	S-7 / B-0	6-7/8"	2, 27, 42
NL2-101	AFG	F4	3-3/8"	0.85 X 70°A	5880	AF81WPHSSS	100	B2007	S-7 / B-0	6-7/8"	2, 27, 42
NL2-118	AFG	F4	3-3/8"	1.00 X 70°A	—	AF81WPHSSS	100	B2007	S-7 / B-0	6-7/8"	2, 27, 42
NL2-77	AFG	F4	3-3/8"	0.65 X 70°A	5880	AF81WPHSSS	100	B2007	S-7 / B-0	6-7/8"	2, 27, 42
NL2-89	AFG	F4	3-3/8"	0.75 X 70°A	5880	AF81WPHSSS	100	B2007	S-7 / B-0	6-7/8"	2, 27, 42
NL3	AFG	F6	3-3/8"	1.25 X 70°A	—	AF81YYHSSS	100	B2007	S-10 / B-0	7-13/16"	2, 27, 42

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Newmac Mfg. Inc. (cont'd)</b>											
NL3-121	AFG	F6	3-3/8"	1.00 X 70°A	—	AF81YYHSSS	100	B2007	S-10 / B-0	7-13/16"	2,27,42
NL3-149	AFG	F6	3-3/8"	1.25 X 70°A	—	AF81YYHSSS	100	B2007	S-10 / B-0	7-13/16"	2,27,42
NL3-160	AFG	F6	3-3/8"	1.35 X 70°A	—	AF81YYHSSS	100	B2007	S-10 / B-0	7-13/16"	2,27,42
NL3-177	AFG	F6	3-3/8"	1.50 X 70°A	—	AF81YYHSSS	100	B2007	S-10 / B-0	7-13/16"	2,27,42
NLF	AFG	F4	3-3/8"	0.85 X 70°A	5880	AF81WPHSSS	100	B2007	S-7 / B-0	7-13/16"	2,27,42
NLF-101	AFG	F4	3-3/8"	0.85 X 70°A	5880	AF81WPHSSS	100	B2007	S-7 / B-0	7-13/16"	2,27,42
NLF-118	AFG	F4	3-3/8"	1.00 X 70°A	—	AF81WPHSSS	100	B2007	S-7 / B-0	7-13/16"	2,27,42
NLF-77	AFG	F4	3-3/8"	0.65 X 70°A	5880	AF81WPHSSS	100	B2007	S-7 / B-0	7-13/16"	2,27,42
NLF-89	AFG	F4	3-3/8"	0.75 X 70°A	5880	AF81WPHSSS	100	B2007	S-7 / B-0	7-13/16"	2,27,42
NMR	AFG	F4	3-3/8"	0.85 X 70°A	5880	AF81WPHSSS	100	B2007	S-7 / B-0	7-13/16"	2,27,42
NMR	AFG	F4	3-3/8"	0.85 X 70°A	—	AF81WPHSSS	100	B2007	S-7 / B-0	7-13/16"	2,27,42
NMR-101	AFG	F4	3-3/8"	0.85 X 70°A	5880	AF81WPHSSS	100	B2007	S-7 / B-0	7-13/16"	2,27,42
NMR-118	AFG	F4	3-3/8"	1.00 X 70°A	—	AF81WPHSSS	100	B2007	S-7 / B-0	7-13/16"	2,27,42
NMR-77	AFG	F4	3-3/8"	0.65 X 70°A	5880	AF81WPHSSS	100	B2007	S-7 / B-0	7-13/16"	2,27,42
NMR-89	AFG	F4	3-3/8"	0.75 X 70°A	5880	AF81WPHSSS	100	B2007	S-7 / B-0	7-13/16"	2,27,42
NV2	AFG	F4	3-3/8"	1.00 X 70°A	—	AF81WPHSSS	100	B2007	—	6-7/8"	2,27,42
NV2	AFG	F4	3-3/8"	0.75 X 70°A	—	AF81WPHSSS	100	B2007	—	6-7/8"	2,27,42
NV2	AFG	F4	3-3/8"	0.65 X 70°A	—	AF81WPHSSS	100	B2007	—	6-7/8"	2,27,42
NV2	AFG	F4	3-3/8"	0.85 X 70°A	—	AF81WPHSSS	100	B2007	S-7 / B-0	6-7/8"	2,27,42
NBR-2000	AFII 150	6-slot	# 5	0.85 X 60°B	—	HLX50HD	140	B7210	4	2"	
NBR-2000	AFII 150	6-slot	# 8	1.10 X 60°B (H)	—	HLX50HD	140	B7210	6	2"	31
NBR-2000	AFII 150	6-slot	# 7	1.00 X 60°ES	—	HLX50HD	140	B7210	4	2"	
CL115-170	SR	F6	2-3/4"	1.00 X 80°W	—	SR81RF	100	—	S-7 / B-0	—	
CL86-96	SR	F3	2-3/4"	0.85 X 80°W	—	SR81RD	100	—	S-7 / B-0	—	
(2) "HS" on air tube combination = ceramic heat shield on combustion head.											
(16) MM air tube combination "Z" dimension is 1-3/4".											
(27) Requires Stainless Steel air tube.											
(31) The (H) in the Nozzle Description denotes a Hago.											
(42) Must maintain 1° downward pitch on air tube/flange.											
<b>NHC / Hearthstone Hydronics</b>											
H4	AFII 150	AF2-6	# 3	0.65 X 60°A	—	HLX50HD	160	B7210	4	2-3/4"	
H4	AFII 150	AF2-6	# 3	0.75 X 60°A	—	HLX50HD	150	B7210	4	2-3/4"	
H5	AFII 150	AF2-6	# 4	0.85 X 45°B	—	HLX50HB	165	B7210	3	2-3/4"	
H5	AFII 150	AF2-6	# 4	0.85 X 45°B	—	HLX50HB	140	B7210	3	2-3/4"	
H6	AFII 150	AF2-9	# 5	1.00 X 60°B	—	HLX50HC	160	B7210	4	2-3/4"	
H6	AFII 150	AF2-9	# 8	1.10 X 60°B	—	HLX50HC	160	B7210	4	2-3/4"	
H7	SMG	SV1-0	—	1.10 X 45°B (H)	—	SMG60NR	185	—	S-4 / B-0	2-3/4"	31
(31) The (H) in the Nozzle Description denotes a Hago.											
<b>Nordyne / Miller</b>											
CMF100PO	AF	F3H	2-3/4"	0.75 X 80°B	—	AF30YP	100	B3001	S-6 / B-0	—	17
CMF65	AF	F0	3-3/8"R	0.50 X 80°B	—	AF30BO	100	B3001	S-3 / B-0	—	17
CMF65PO	AF	F0	2-3/4"	0.50 X 80°A	—	AF30XZT	100	B3001	S-3 / B-0	—	17
CMF2	AF	F3	2-3/4"	0.50 X 80°A	—	AF30XN	100	B3001	S-3 / B-0	2-1/2"	
CMF2-80	AF	F3	2-3/4"	0.60 X 80°A	—	AF30XN	100	B3001	4	2-7/16"	
CMF80PO	AF	F0	2-3/4"	0.60 X 80°B	—	AF30XZT	100	B3001	4	—	17
CMF2-90	AF	F3	2-3/4"	0.65 X 80°A	—	AF30XN	100	B3001	5	2-7/16"	
CRF100	AF	F3H	2-3/4"	0.75 X 80°B	—	AF30YP	100	B3001	S-6 / B-0	—	17
CRF80	AF	F0	2-3/4"	0.60 X 80°B	—	AF30XZT	100	B3001	—	—	17



Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Nordyne / Miller (cont'd)</b>											
M1SH-066	AF	F3	2-3/4"	0.50 X 80°A	—	AF33XN	100	B3001	—	2-5/8"	17, 42
M1SH-086	AF	F3	2-3/4"	0.65 X 80°A	—	AF33XN	100	B3001	—	2-5/8"	17, 42
MOC100	AF	F3H	2-3/4"	0.75 X 80°B	—	AF30YP	100	B3001	S-5 / B-0	—	17
MOC80	AF	F0	2-3/4"	0.60 X 80°B	—	AF30XZT	100	B3001	—	—	17
MSHA66	AF	F0	2-3/4"	0.50 X 80°A	—	AF35XZT	100	B3001	—	—	17
MSHA86	AF	F0	2-3/4"	0.65 X 80°A	—	AF35XZT	100	B3001	—	—	17
01LA-055C12B	AFG	F3	3-3/8"	0.50 X 80°S	5880	AF47YHHS	100	B2008	S-7 / B-0	—	2, 17
01LA-085C12B	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHHS	100	B2008	S-7 / B-0	—	2, 17
01LA-100C16B	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHHS	100	B2008	S-7 / B-0	—	2, 17
01LA-125C20B	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBHS	100	B2008	S-7 / B-0	—	2, 17
01MA-055C12B	AFG	F3	3-3/8"	0.50 X 80°S	5880	AF47YHHS	100	B2008	S-7 / B-0	—	2, 17
01MA-085C12B	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHHS	100	B2008	S-7 / B-0	—	2, 17
01MA-100C16B	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHHS	100	B2008	S-7 / B-0	—	2, 17
01MA-125C20B	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBHS	100	B2008	S-7 / B-0	—	2, 17
01HA-150C20B	AFG	F12	2-3/4"	1.35 X 70°H	—	AF67XOHS	100	B2008	S-7 / B-0	—	2, 17
01HA-200C20B	AFG	F12	2-3/4"	1.75 X 70°H	—	AF67XOHS	100	B2008	S-7 / B-0	—	2, 17
<i>(2) "HS" on air tube combination = ceramic heat shield on combustion head.</i>											
<i>(17) Flange 3837BKU. (Gasket supplied by Nordyne)</i>											
<i>(42) Must maintain 1° downward pitch on air tube/flange.</i>											
<b>NY Thermal</b>											
C-095	AFG	L1	3-3/8"	0.65 X 70°B	—	AFG50MB	140	B2007	—	2-1/2"	15
C-105	AFG	L1	3-3/8"	0.75 X 70°B	—	AFG50MB	140	B2007	S-8 / B-1	2-1/2"	15
C-125	AFG	L1	3-3/8"	0.85 X 60°B	—	AFG50MB	140	B2007	—	2-1/2"	15
C-150	AFG	V1-2	2-3/4"	1.10 X 60°B	—	AFG50MD	140	B2007	S-10 / B-4	2-1/2"	15
C-180	AFG	V1-2	2-3/4"	1.25 X 60°B	—	AFG50MD	140	B2007	—	2-1/2"	
C-220	SMG	SV1-0	—	1.35 X 45°B	—	SMG60NR	170	—	S-4 / B-0	2-3/4"	
C-220	SMG	SV1-0	—	1.35 X 60°B	—	SMG60NR	175	—	—	2-3/4"	
C-230	SMG	SV1-1	—	1.50 X 45°B	—	SMG60NR	150	—	—	2-3/4"	
C-230	SMG	SV1-1	—	1.50 X 60°B	—	SMG60NR	160	—	—	2-3/4"	
C-250	SMG	SV1-1	—	1.65 X 45°B	—	SMG60NR	150	—	—	2-3/4"	
C-250	SMG	SV1-1	—	1.65 X 60°B	—	SMG60NR	150	—	—	2-3/4"	
C-275	SMG	SV1-1.5	—	2.00 X 60°B	—	SMG60NR	130	—	—	2-3/4"	
C-275	SMG	SV1-1.5	—	2.00 X 45°P	—	SMG60NR	130	—	—	2-3/4"	
C-305	SMG	SV1-2	—	2.25 X 60°B	—	SMG60NR	125	—	—	2-3/4"	
C-305	SMG	SV1-2	—	2.25 X 45°AB	—	SMG60NR	125	—	—	2-3/4"	39
C-340	SMG	SV1-2.5	—	2.25 X 45°AB	—	SMG60NR	100	—	—	2-3/4"	39
C-340	SMG	SV1-2.5	—	2.25 X 60°B	—	SMG60NR	150	—	—	2-3/4"	
<i>(15) Must maintain 6° downward pitch on air tube/flange.</i>											
<i>(39) The AB in the nozzle description denotes a Danfoss.</i>											
<b>Olsen Technology, Inc.</b>											
BBC112	AF	F6	2-3/4"	1.00 X 80°A	—	AF90YB	100	B3001	—	—	
BBC124	AF	F6	2-3/4"	1.10 X 80°A	—	AF90YB	100	B3001	—	—	
BBC136	AF	F6	2-3/4"	1.20 X 80°A	—	AF90YB	100	B3001	—	—	
BBC95	AF	F6	2-3/4"	0.85 X 80°A	—	AF90YB	100	B3001	—	—	
BCL100 (CDN.&U.S.)	AF	F3	2-3/4"	0.85 X 80°A	—	AF65XN	100	B3001	S-7 / B-0	—	
BCL100S (T)	AF	F3	2-3/4"	0.85 X 80°A	—	AF76XN	100	B3001	—	—	

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Olsen Technology, Inc. (cont'd)</b>											
BCL115 (CDN.&U.S.)	AF	F3	2-3/4"	1.00 X 80°A	—	AF65XN	100	B3001	S-7 / B-0	—	
BCL-120S (T)	AF	F3	2-3/4"	1.00 X 80°A	—	AF76XN	100	B3001	—	—	
BCL125 (CDN.&U.S.)	AF	F6	2-3/4"	1.10 X 80°A	—	AF65YB	100	B3001	—	—	
BCL130S (T)	AF	F6	2-3/4"	1.10 X 70°A	—	AF76YB	100	B3001	—	—	
BCL140 (CDN.&U.S.)	AF	F6	2-3/4"	1.25 X 80°A	—	AF65YB	100	B3001	—	—	
BCL-145S (T)	AF	F6	2-3/4"	1.20 X 60°A	—	AF76YB	100	B3001	—	—	
BCL170 (CDN.&U.S.)	AF	F12	2-3/4"	1.50 X 70°B	—	AF65XO	100	B3001	—	—	
BCL190 (CDN.&U.S.)	AF	F12	2-3/4"	1.65 X 70°B	—	AF65XO	100	B3001	—	—	
BCL-190/225	AF	F16	2-3/4"	1.65 X 70°B	—	AF81WF	100	B3001	S-7 / B-0	—	
BCL80 (CDN.&U.S.)	AF	F3	2-3/4"	0.65 X 80°A	—	AF65XN	100	B3001	—	—	
BCL80S (T)	AF	F3	2-3/4"	0.65 X 80°A	—	AF76XN	100	B3001	—	—	
BCL90 (CDN.&U.S.)	AF	F3	2-3/4"	0.75 X 80°A	—	AF65XN	100	B3001	—	—	
BCL90S (T)	AF	F3	2-3/4"	0.75 X 80°A	—	AF76XN	100	B3001	—	—	
BFL-100 (T)	AF	F3	2-3/4"	0.85 X 80°A	—	AF65XN	100	B3001	S-7 / B-0	6-5/8"	
BFL-120 (T)	AF	F3	2-3/4"	1.00 X 80°A	—	AF65XN	100	B3001	S-7 / B-0	6-5/8"	
BFL-130 (T)	AF	F6	2-3/4"	1.10 X 70°A	—	AF65YB	100	B3001	—	6-5/8"	
BFL-145 (T)	AF	F6	2-3/4"	1.20 X 60°A	—	AF65YB	100	B3001	S-7 / B-0	6-5/8"	
BFL-80 (T)	AF	F3	2-3/4"	0.65 X 80°A	—	AF65XN	100	B3001	—	6-5/8"	
BFL-90 (T)	AF	F3	2-3/4"	0.75 X 80°A	—	AF65XN	100	B3001	—	6-5/8"	
BML-100	AF	F3	3-3/8"	0.85 X 70°A	—	AF76BNHS	100	B3001	S-7 / B-0	—	2
BML-60	AF	F3	3-3/8"	0.50 X 80°A	—	AF76BNHS	100	B3001	S-7 / B-0	—	2
BML-80	AF	F3	3-3/8"	0.65 X 80°A	—	AF76BNHS	100	B3001	S-8 / B-0	—	2
BML-90	AF	F3	2-3/4"	0.75 X 80°A	—	AF76XNHS	100	B3001	S-7 / B-0	—	2
CWOB112 (U.S.)	AF	F6	2-3/4"	1.00 X 80°A	—	AF90YB	100	B3001	—	—	
CWOB112 (U.S.)	AF	F6	2-3/4"	1.10 X 80°A	—	AF90YB	100	B3001	—	—	
CWOB140 (U.S.)	AF	F6	2-3/4"	1.25 X 70°A	—	AF90YB	100	B3001	—	—	
CWOB140 (U.S.)	AF	F6	2-3/4"	1.35 X 70°A	—	AF90YB	100	B3001	—	—	
CWOB140 (U.S.)	AF	F6	2-3/4"	1.20 X 70°A	—	AF90YB	100	B3001	—	—	
CWOB168 (U.S.)	AF	F6	2-3/4"	1.50 X 70°A	—	AF90YB	100	B3001	—	—	
DOS180	AF	F12	2-3/4"	1.50 X 70°A	—	AF60XO	100	B3001	—	—	
DOS210	AF	F12	2-3/4"	1.75 X 70°A	—	AF60XO	100	B3001	—	—	
DOS260	AF	F22	2-3/4"	2.25 X 60°A	—	AF65XP	100	B3001	—	—	
HML60A/B	AF	F3	3-3/8"	0.50 X 80°A	5880	AF76BNHS	100	B3001	S-7 / B-0	6-9/16"	2
HML80A/B	AF	F3	3-3/8"	0.65 X 80°A	—	AF76BNHS	100	B3001	S-8 / B-0	6-9/16"	2
HML90A/B	AF	F3	3-3/8"	0.75 X 80°A	—	AF76BNHS	100	B3001	S-7 / B-0	6-9/16"	2
HTL100A, B, C	AF	F3	2-3/4"	0.85 X 80°A	—	AF65XN	100	B3001	S-7 / B-0	—	
HTL-100B (CDN.)	AF	F3	2-3/4"	0.85 X 80°A	—	AF65XNSS	100	B3001	S-7 / B-0	—	27
HTL-115A	AF	F3	2-3/4"	1.00 X 80°A	—	AF65XN	100	B3001	S-7 / B-0	—	
HTL-120C	AF	F3	2-3/4"	1.00 X 80°A	—	AF65XN	100	B3001	S-7 / B-0	—	
HTL-80A, B, C	AF	F3	2-3/4"	0.65 X 80°A	—	AF65XN	100	B3001	—	—	
HTL-90A, B, C	AF	F3	2-3/4"	0.75 X 80°A	—	AF65XN	100	B3001	—	—	
MPL100	AF	F3	2-3/4"	0.85 X 80°A	—	AF76XN	100	B3001	—	—	
MPL120	AF	F3	2-3/4"	1.00 X 60°A	—	AF76XN	100	B3001	S-7 / B-0	—	
MPL130	AF	F6	2-3/4"	1.10 X 70°A	—	AF76YB	100	B3001	—	—	
MPL90	AF	F3	2-3/4"	0.75 X 80°A	—	AF76XN	100	B3001	—	—	

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Olsen Technology, Inc. (cont'd)</b>											
WML60A/B	AF	F3	3-3/8"	0.50 X 80°A	5880	AF76BNHS	100	B3001	S-7 / B-0	—	2
WML80A/B	AF	F3	3-3/8"	0.65 X 80°A	—	AF76BNHS	100	B3001	S-8 / B-0	—	2
WML90A/B	AF	F3	3-3/8"	0.75 X 80°A	—	AF76BNHS	100	B3001	S-7 / B-0	—	2
WTL-100A, (H)	AF	F3	2-3/4"	0.85 X 80°A	—	AF65XN	100	B3001	S-7 / B-0	—	
WTL-105A (H)	AF	F3	2-3/4"	0.90 X 80°A	—	AF65XN	100	B3001	—	—	
WTL-80A, (H)	AF	F3	2-3/4"	0.65 X 80°A	—	AF65XN	100	B3001	—	—	
WTL-90A, (H)	AF	F3	2-3/4"	0.75 X 80°A	—	AF65XN	100	B3001	—	—	
BUP-100	AFG	F4	3-3/8"	0.85 X 70°W	—	AF76BZHS	100	B2007	S-5 / B-0	—	2, 40
BUP-120	AFG	F4	3-3/8"	1.00 X 70°W	—	AF76BZHS	100	B2007	S-8 / B-0	—	2, 40
BUP-60	AFG	F3	3-3/8"	0.50 X 70°W	5880	AF76BN	100	B2007	S-5 / B-0	—	40
BUP-80	AFG	F3	3-3/8"	0.70 X 70°W	5880	AF76BN	100	B2007	S-7 / B-0	—	40
HMPO60	AFG	F3	3-3/8"	0.50 X 70°W	5880	AF76BN	100	B2007	S-5 / B-0	—	40
HMPO80	AFG	F3	3-3/8"	0.70 X 70°W	5880	AF76BN	100	B2007	S-7 / B-0	—	40
HUP100/HMP100	AFG	F4	3-3/8"	0.85 X 70°W	—	AF76BNHS	100	B2007	S-5 / B-0	—	2, 40
HUP120/HMP120	AFG	F4	3-3/8"	1.00 X 70°W	—	AF76BNHS	100	B2007	S-8 / B-0	—	2, 40
UML-A 0.55	AFG	L2	2-3/4"	0.50 X 45°W	—	AFG70MPSS	140	B2007	S-0 / B-4	2"	31,59,60
UML-A 0.65	AFG	L2	2-3/4"	0.50 X 45°W	—	AFG70MPSS	175	B2007	S-0 / B-5	2"	31,59,60
UML-A 0.75	AFG	L2	2-3/4"	0.60 X 60°W	—	AFG70MPSS	175	B2007	S-0 / B-7	2"	31,59,60
UML-A 0.85	AFG	L2	2-3/4"	0.65 X 60°W	—	AFG70MPSS	175	B2007	S-0 / B-8	2"	31,59,60
BCL100SB2U	AFII 150	FB3	—	0.80 X 60°A	—	FBX80HG	140	B7203	—	6-1/2"	
BCL120SB2U	AFII 150	FB3	—	0.90 X 60°A	—	FBX80HG	140	B7203	—	6-1/2"	
BFL100B2U	AFII 150	FB3	—	0.80 X 60°A	—	FBX80HG	140	B7203	—	6-1/2"	
BFL120B2U	AFII 150	FB3	—	0.90 X 60°A	—	FBX80HG	140	B7203	—	6-1/2"	
BCL80SB2U	AFII 85	FB3	—	0.60 X 60°A	—	FBX80HG	140	B7703	—	6-1/2"	
MPL-BU	AFII 150	FB3	—	0.85 X 70°A	—	FBX80HGSX	145	B7203	2	6-9/16"	
BCL90SB2U	AFII 85	FB3	—	0.70 X 60°A	—	FBX80HG	140	B7703	—	6-1/2"	
BFL80B2U	AFII 85	FB3	—	0.60 X 60°A	—	FBX80HG	140	B7703	—	6-1/2"	
BFL90B2U	AFII 85	FB3	—	0.70 X 60°A	—	FBX80HG	140	B7703	—	6-1/2"	
HML60AB2U	AFII 85	FB0	—	0.50 X 60°A	—	FBX80HF	140	B7703	—	6-1/2"	
HML60BB2U	AFII 85	FB0	—	0.50 X 60°A	—	FBX80HFXS	140	B7703	—	—	
HML80AB2U	AFII 85	FB3	—	0.60 X 60°A	—	FBX80HG	140	B7703	—	6-1/2"	
HML80BB2U	AFII 85	FB3	—	0.60 X 60°A	—	FBX80HGXS	140	B7703	—	—	
HML90AB2U	AFII 85	FB3	—	0.70 X 60°A	—	FBX80HG	140	B7703	—	6-1/2"	
HML90BB2U	AFII 85	FB3	—	0.70 X 60°A	—	FBX80HGXS	140	B7703	—	—	
WML60B2U	AFII 85	FB0	—	0.50 X 60°A	—	FBX80HF	140	B7703	—	—	
WML80B2U	AFII 85	FB3	—	0.60 X 60°A	—	FBX80HG	140	B7703	—	—	
WML90B2U	AFII 85	FB3	—	0.70 X 60°A	—	FBX80HG	140	B7703	—	—	
BFL-130	NX	6-slot	—	1.00 X 60°W	32229	NX70LFHS	140	B8001	2	6-9/16"	40, 57
BFL-145	NX	6-slot	—	1.10 X 60°W	32229	NX70LFHS	140	B8001	2.5	6-9/16"	40, 57
HML-100C	NX	6-slot	—	0.75 X 60°W	32229	NX70LHHS	140	B8001	4.25	6-9/16"	40, 56
HML-60C	NX	6-slot	—	0.40 X 60°W	32229	NX70LHHS	150	B8001	2	6-9/16"	40, 56
HML-80C	NX	6-slot	—	0.55 X 60°W	32229	NX70LHHS	175	B8001	2.75	6-9/16"	40, 56
HML-90C	NX	6-slot	—	0.65 X 60°W	32229	NX70LHHS	140	B8001	4	6-9/16"	40, 56
HTL-120D	NX	6-slot	—	0.85 X 60°W	—	NX70LHHS	175	B8001	3.25	6-9/16"	40, 56
UML-DV	NX	6-slot	—	0.65 X 60°W	—	NZ56LQ	175	B8001	3.75	2"	42
UML-DV	NX	6-slot	—	0.60 X 60°W	—	NX56LQ	175	B8001	3.25	2"	42
UML-DV	NX	6-slot	—	0.50 X 60°W	32229	NX56LQ	175	B8001	3.25	2"	42
UML-DV	NX	6-slot	—	0.50 X 60°W	32229	NX56LQ	140	B8001	3	2"	42

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Olsen Technology, Inc. (cont'd)</b>											
WML-60C	NX	6-slot	—	0.40 X 70°W	32229	NX90LHHS	150	B8001	2.5	6-9/16"	40, 56
WML-80C	NX	6-slot	—	0.55 X 60°W	32229	NX90LHHS	140	B8001	3.25	6-9/16"	40, 56
WML-90C	NX	6-slot	—	0.65 X 60°W	32229	NX90LHHS	140	B8001	3.5	6-9/16"	40, 56
DOS325	SF	F300	NONE	2.75 X 70°A	—	SF65FT	100	B711	—	—	
DOS345	SF	F300	NONE	3.00 X 60°A	—	SF65FT	100	B711	—	—	
DOS375	SF	F300	NONE	3.25 X 60°A	—	SF65FT	100	B711	—	—	
BCL100 (CDN.)	SR	F3	2-3/4"	0.85 X 80°A	—	SR65RD	100	—	—	—	
BCL115 (CDN.)	SR	F3	2-3/4"	1.00 X 80°A	—	SR65RD	100	—	—	—	
BCL125 (CDN.)	SR	F12	NONE	1.10 X 80°A	—	SR65RK	100	—	—	—	
BCL140 (CDN.)	SR	F12	NONE	1.25 X 80°A	—	SR65RK	100	—	—	—	
BCL80 (CDN.)	SR	F3	2-3/4"	0.65 X 80°A	—	SR65RD	100	—	—	—	
BCL90 (CDN.)	SR	F3	2-3/4"	0.75 X 80°A	—	SR65RD	100	—	—	—	
BTL170	SR	F12	2-3/4"	1.50 X 70°A	—	SR65RK	100	—	—	—	
BTL190	SR	F12	2-3/4"	1.65 X 70°A	—	SR65RK	100	—	—	—	
CWOB112 (CDN.)	SR	F6	2-3/4"	1.10 X 80°A	—	SR90RF	100	—	—	—	
CWOB112 (CDN.)	SR	F6	2-3/4"	1.00 X 80°A	—	SR90RF	100	—	—	—	
CWOB140 (CDN.)	SR	F6	2-3/4"	1.35 X 70°A	—	SR90RF	100	—	—	—	
CWOB140 (CDN.)	SR	F6	2-3/4"	1.25 X 70°A	—	SR90RF	100	—	—	—	
CWOB140 (CDN.)	SR	F6	2-3/4"	1.20 X 70°A	—	SR90RF	100	—	—	—	
CWOB168 (CDN.)	SR	F6	2-3/4"	1.50 X 70°A	—	SR90RF	100	—	—	—	
DOL114	SR	F6	2-3/4"	1.20 X 70°A	—	SR55RF	100	—	—	—	
DOL141	SR	F12	2-3/4"	1.35 X 70°A	—	SR55RH	100	—	—	—	
DOL98	SR	F6	2-3/4"	0.85 X 80°A	—	SR55RF	100	—	—	—	
DOS111B	SR	F6	2-3/4"	1.00 X 80°A	—	SR55RF	100	—	—	—	
DOS135B	SR	F12	2-3/4"	1.20 X 80°A	—	SR55RH	100	—	—	—	
DOS170B	SR	F12	2-3/4"	1.50 X 80°A	—	SR55RH	100	—	—	—	
DOS98B	SR	F6	2-3/4"	0.85 X 80°A	—	SR55RF	100	—	—	—	
DWO114	SR	F6	2-3/4"	1.00 X 80°A	—	SR55RF	100	—	—	—	
DWO137	SR	F12	2-3/4"	1.20 X 70°A	—	SR55RH	100	—	—	—	
DWO148	SR	F22	2-3/4"	1.35 X 70°A	—	SR55RN	100	—	—	—	
HTL100	SR	F3	2-3/4"	0.85 X 80°A	—	SR65RD	100	—	—	—	
HTL115	SR	F3	2-3/4"	1.00 X 80°A	—	SR65RD	100	—	—	—	
HTL80	SR	F3	2-3/4"	0.65 X 80°A	—	SR65RD	100	—	—	—	
HTL90	SR	F3	2-3/4"	0.75 X 80°A	—	SR65RD	100	—	—	—	
WTL100	SR	F3	2-3/4"	0.85 X 80°A	—	SR65RD	100	—	—	—	
WTL105	SR	F3	2-3/4"	0.90 X 80°A	—	SR65RD	100	—	—	—	
WTL80	SR	F3	2-3/4"	0.65 X 80°A	—	SR65RD	100	—	—	—	
WTL90	SR	F3	2-3/4"	0.75 X 80°A	—	SR65RD	100	—	—	—	
(2) "HS" on air tube combination = ceramic heat shield on combustion head.											
(27) Requires Stainless Steel air tube.											
(31) The (H) in the nozzle description denotes a Hago.											
(40) Must maintain 0° downward pitch on air tube/flange.											
(42) Must maintain 1° downward pitch on air tube/flange.											
(56) Burner equipped with #32633 Heat Shield.											
(57) Burner equipped with #32845 Heat Shield.											
(59) Requires Blank Air Shutter #32995-001.											
(60) Requires Staggered Air Band #32994-001.											

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Oneida Royal Heater</b>											
0-112	AF	F3	2-3/4"	1.00 X 80°B	—	AF53XN	100	B3001	S-7 / B-0	—	
0-140	AF	F6	2-3/4"	1.25 X 80°B	—	AF53YB	100	B3001	S-7 / B-0	—	
0-168	AF	F6	2-3/4"	1.50 X 80°B	—	AF53YB	100	B3001	S-7 / B-0	—	
0-224	AF	F22	2-3/4"	2.00 X 80°B	—	AF53XP	100	B3001	S-7 / B-0	—	
0-84	AF	F3	2-3/4"	0.75 X 80°B	—	AF53XN	100	B3001	S-7 / B-0	—	
CO-73	AF	F0	3-3/8"	0.65 X 70°A	—	AF53XR	100	B3001	S-7 / B-0	—	
CO-84	AF	F0	3-3/8"	0.75 X 70°A	—	AF53XR	100	B3001	S-7 / B-0	—	
DLO112	AF	F6	2-3/4"	1.00 X 70°A	—	AF90YB	100	B3001	S-7 / B-0	—	
DLO125	AF	F6	2-3/4"	1.10 X 70°A	—	AF90YB	100	B3001	S-7 / B-0	—	
DLO140	AF	F12	2-3/4"	1.25 X 70°A	—	AF90XO	100	B3001	S-7 / B-0	—	
DLO160	AF	F12	2-3/4"	1.35 X 70°A	—	AF90XO	100	B3001	S-7 / B-0	—	
DLO175	AF	F12	2-3/4"	1.50 X 70°A	—	AF90XO	100	B3001	S-7 / B-0	—	
DLO250	AF	F31	NONE	2.25 X 80°B	—	AF130XS	100	B3001	S-7 / B-0	—	
DLO300	AF	F31	NONE	2.75 X 80°B	—	AF130XS	100	B3001	S-7 / B-0	—	
DLO335	AF	F31	NONE	3.00 X 80°B	—	AF130XS	100	B3001	S-7 / B-0	—	
DLO95	AF	F3	2-3/4"	0.85 X 70°A	—	AF90XN	100	B3001	S-7 / B-0	—	
HO112	AF	F3	2-3/4"	1.00 X 70°A	—	AF62XN	100	B3001	S-7 / B-0	—	
HO56	AF	F0	3-3/8"	0.50 X 70°A	—	AF53XR	100	B3001	S-7 / B-0	—	
HO73	AF	F0	3-3/8"	0.65 X 70°A	—	AF53XR	100	B3001	S-7 / B-0	—	
HO84	AF	F0	3-3/8"	0.75 X 70°A	—	AF53XR	100	B3001	S-7 / B-0	—	
HO-84A-3BC	AF	F3	3-5/8"	0.75 X 70°A	—	AF53WA	100	B3001	S-7 / B-0	5-1/4"	
HO-84A-3BC	AF	F3	3-5/8"	0.65 X 70°A	—	AF53WA	100	B3001	S-7 / B-0	5-1/4"	
HO-84A-3BC	AF	F3	3-5/8"	0.85 X 70°A	—	AF53WA	100	B3001	S-7 / B-0	5-1/4"	
HO-84A-3BC	AF	F3	3-5/8"	0.50 X 70°A	—	AF53WA	100	B3001	S-7 / B-0	5-1/4"	
HO95	AF	F3	2-3/4"	0.85 X 70°A	—	AF62XN	100	B3001	S-7 / B-0	—	
LO112	AF	F3	2-3/4"	1.00 X 70°A	—	AF62XN	100	B3001	S-7 / B-0	—	
LO125	AF	F3	2-3/4"	1.10 X 70°A	—	AF62XN	100	B3001	S-7 / B-0	—	
LO56	AF	F0	3-3/8"	0.50 X 70°A	—	AF53XR	100	B3001	S-7 / B-0	—	
LO73	AF	F0	3-3/8"	0.65 X 70°A	—	AF53XR	100	B3001	S-7 / B-0	—	
LO84	AF	F0	3-3/8"	0.75 X 70°A	—	AF53XR	100	B3001	S-7 / B-0	—	
LO95	AF	F3	2-3/4"	0.85 X 70°A	—	AF62XN	100	B3001	S-7 / B-0	—	
LOR112	AF	F3	2-3/4"	1.00 X 70°A	—	AF62XN	100	B3001	S-7 / B-0	—	
LOR125	AF	F3	2-3/4"	1.10 X 70°A	—	AF62XN	100	B3001	S-7 / B-0	—	
LOR56	AF	F0	3-3/8"	0.50 X 70°A	—	AF53XR	100	B3001	S-7 / B-0	—	
LOR73	AF	F0	3-3/8"	0.65 X 70°A	—	AF53XR	100	B3001	S-7 / B-0	—	
LOR84	AF	F0	3-3/8"	0.75 X 70°A	—	AF53XR	100	B3001	S-7 / B-0	—	
LOR95	AF	F3	2-3/4"	0.85 X 70°A	—	AF62XN	100	B3001	S-7 / B-0	—	
HO125	AFG	F3	3-5/8"	0.85 X 80°A	—	AF54WA	140	B2007	S-7 / B-0	—	
HO-84A-3BC	AFII 100	FB4	—	0.75 X 70°A	—	FBX70HH	140	—	5	5-1/4"	
HO-84A-3BC	AFII 85	FB3	—	0.65 X 70°A	—	FBX70HG	140	B7711	4	5-1/4"	
HO-84A-3BC	AFII 85	FB3	—	0.60 X 70°A	—	FBX70HG	140	B7711	4	5-1/4"	
HO-84A-3BC	AFII 85	FB0	—	0.50 X 70°A	—	FBX70HF	140	B7711	4	5-1/4"	
<b>Patron Products, Inc.</b>											
Climat 40A	AFII 150	AF2-9	—	0.85 X 60°B	—	HLX90HC	140	B7203	4	3-3/4"	
Climat 50A	AFII 150	AF2-9	—	1.25 X 60°B	—	HLX90HC	140	B7203	7	3-3/4"	

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Payne</b>											
361AAN036075	AFG	F3	3-3/8"	0.50 X 70°H	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
361AAN036105	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
361AAN048125	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
361AAN060155	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	S-7 / B-0	—	1
362AAN036075	AFG	F3	3-3/8"	0.50 X 80°S	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
362AAN036105	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
362AAN048125	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
362AAN060155	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	S-7 / B-0	—	1
(1) "FS" on air tube combination = fiber heat shield on combustion head.											
<b>Peerless Heater</b>											
JO/JOT3H	AF	F6	2-3/4"	1.10 X 80°A	—	AF44YB	100	B3001	S-7 / B-0	—	
JO/JOT3L	AF	F6	2-3/4"	0.85 X 80°A	—	AF44YB	100	B3001	S-7 / B-0	—	
JO/JOT3PFH	AF	F6	2-3/4"	1.20 X 80°A	—	AF44YB	100	B3001	S-7 / B-0	—	
JO/JOT4H	AF	F6	2-3/4"	1.50 X 80°A	—	AF44YB	100	B3001	S-7 / B-0	—	
JO/JOT4L	AF	F6	2-3/4"	1.35 X 80°A	—	AF44YB	100	B3001	S-7 / B-0	—	
JO/JOT4PFH	AF	F6	2-3/4"	1.75 X 80°A	—	AF44YB	100	B3001	S-7 / B-0	—	
JO/JOT4PFL	AF	F6	2-3/4"	1.50 X 80°A	—	AF44YB	100	B3001	S-7 / B-0	—	
JO/JOT5H	AF	F22	NONE	2.00 X 60°A	—	AF44YF	100	B3001	S-7 / B-0	—	
JO/JOT5L	AF	F22	NONE	1.75 X 80°A	—	AF44YF	100	B3001	—	—	
JO/JOT5PFH	AF	F22	NONE	2.50 X 60°A	—	AF44YF	100	B3001	—	—	
JO/JOT5PFL	AF	F22	NONE	2.00 X 60°A	—	AF44YF	100	B3001	—	—	
JO/JOT6H	AF	F22	NONE	2.50 X 60°A	—	AF44YF	100	B3001	—	—	
JO/JOT6L	AF	F22	NONE	2.25 X 60°A	—	AF44YF	100	B3001	—	—	
ODBU-3	AF	F0	2-3/4"	0.75 X 80°A	—	AF53XZT	100	B3001	—	—	
ODBU-4	AF	F6	2-3/4"	1.10 X 80°A	—	AF53YB	100	B3001	—	—	
ODBU-5	AF	F6	2-3/4"	1.50 X 80°A	—	AF53YB	100	B3001	—	—	
ODBU-6	AF	F22	NONE	2.00 X 60°A	—	AF53YF	100	B3001	—	—	
EC/ECT-03-075	AFG	F3	3-3/8"	0.65 X 80°A	5880	AF60YH	140	B2007	—	2-1/2"	
EC/ECT-03-075	AFG	L1	3-3/8"	0.65 X 60°B (H)	5880	AFG70MBAS	140	B2007	S-10 / B-1	2-5/8"	31
EC/ECT-03-100	AFG	F3	3-3/8"	0.85 X 80°A	—	AF60YH	140	B2007	—	2-1/2"	
EC/ECT-03-100	AFG	L1	3-3/8"	0.85 X 60°B (H)	5880	AFG70MBAS	140	B2007	S-10 / B-2	2-5/8"	31
EC/ECT-03-120	AFG	F3	3-3/8"	1.00 X 80°A	—	AF60YH	140	B2007	—	2-1/2"	
EC/ECT-03-120	AFG	L1	NONE	1.00 X 60°B (H)	—	AFG70MN	140	—	S-10 / B-4	2-5/8"	31
EC/ECT-04-125	AFG	F6	2-3/4"	1.10 X 80°A	—	AF60YB	140	B2007	—	2-1/2"	
EC/ECT-04-150	AFG	F6	2-3/4"	1.25 X 80°B (H)	—	AF60YB	140	B2007	S-8 / B-1	2-1/2"	31
EC/ECT-04-175	AFG	F6	2-3/4"	1.50 X 80°B (H)	—	AF60YB	140	B2007	—	2-1/2"	31
EC/ECT-05-175	AFG	V1-3	NONE	1.50 X 60°B (H)	—	AFG70ML	140	B2007	—	2-9/16"	31
EC/ECT-05-200	AFG	V1-4	NONE	1.75 X 60°B (H)	—	AFG70ML	140	B2007	—	2-9/16"	31
EC/ECT-05-250	AFG	V1-5	NONE	2.00 X 45°B (H)	—	AFG70ML	140	B2007	—	2-9/16"	31
EC/ECT-06-275	CF375	SL1-1	—	2.25 X 45°P	—	CF56KZ	140	BCF3907	S-10 / B-6	2-1/2"	
EC/ECT-06-300	CF375	SL1-3	—	2.50 X 45°P	—	CF56KZ	140	BCF3907	S-10 / B-7	2-1/2"	
EC/ECT-06-275	SMG	SV-1	—	2.25 X 60°P (H)	—	SMG60NP	140	B1406	—	—	31
EC/ECT-06-300	SMG	SV-1	—	2.50 X 60°P (H)	—	SMG60NP	140	B1406	—	—	31
EC-5	AFG	V1-2	NONE	1.50 X 60°B (H)	—	AFG70ML	140	B2007	—	2-9/16"	31
EC-5	AFG	V1-3	NONE	1.75 X 60°B (H)	—	AFG70ML	140	B2007	S-10 / B-9	2-9/16"	31
EC-5	AFG	V1-5	NONE	2.00 X 45°B (H)	—	AFG70ML	140	B2007	—	2-9/16"	31
HEO-3H	AFG	F3	2-3/4"	1.00 X 70°B	—	AF44XN	100	B2007	—	—	
HEO-3L	AFG	F3	2-3/4"	0.75 X 70°A	—	AF44XN	100	B2007	—	—	
HEO-4H	AFG	F6	2-3/4"	1.50 X 70°B	—	AF44YB	100	B2007	—	—	

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Peerless Heater (cont'd)</b>											
HEO-4L	AFG	F6	2-3/4"	1.25 X 70°B	—	AF44YB	100	B2007	—	—	
HEO-5H	AFG	F16	2-3/4"	2.00 X 70°B	—	AF44WF	100	B2007	—	—	
HEO-5L	AFG	F16	2-3/4"	1.75 X 70°B	—	AF44WF	100	B2007	—	—	
JO/JOT-TW100	AFG	F3	3-3/8"	0.85 X 80°A	—	AF60YH	140	B2007	—	—	
JO/JOT-TW125	AFG	F3	3-3/8"	1.10 X 80°B	—	AF60YH	140	B2007	—	—	
JO/JOT-TW150	AFG	F6	2-3/4"	1.25 X 80°A	—	AF60YB	140	B2007	S-8 / B-1	—	
JO/JOT-TW175	AFG	F6	2-3/4"	1.50 X 80°A	—	AF60YB	140	B2007	—	—	
JO/JOT-TW200	AFG	V1-4	2-3/4"	1.75 X 70°B	—	AFG50MD	140	B2007	—	—	
JO/JOT-TW250	AFG	V1-5	2-3/4"	2.00 X 70°B	—	AFG50MD	140	B2007	—	—	
JO/JOT-TWO75	AFG	F3	3-3/8"	0.65 X 80°A	5880	AF60YH	140	B2007	—	—	
PO-50	AFG	L2	3-3/8"	0.45 X 60°AS	—	AFG70MQASN	130	B2007	—	3"	9, 16
PO-60	AFG	L2	3-3/8"	0.55 X 60°AS	—	AFG70MQASN	130	B2007	2	3"	9, 16
PRO-04-100	AFG	L1	2-3/4"	0.85 X 60°A	—	AFG70MTAQN	140	B2007	S-10 / B-2	4"	9,16,40
PRO-05-100	AFG	L1	NONE	0.75 X 45°B	—	AFG70MNASN	190	B2007	S-7 / B-1	4"	9, 40
PRO-05-125	AFG	L1	NONE	0.90 X 60°B	—	AFG70MNASN	190	B2007	S-10 / B-3	4"	9, 40
PRO-03	AFG	L2	3-3/8"	0.50 X 60°AS	5880	AFG70MQASN	140	B2007	S-4 / B-0	3-3/4"	9,16,45
PRO-04-80	AFG	L1	2-3/4"	0.65 X 60°A	—	AFG70MTAQN	140	B2007	S-7 / B-0	4"	9,16,40
WBV-03-085	AFG	F3	3-3/8"	0.75 X 80°B (H)	5880	AF60YH	140	B2007	—	—	31
WBV-03-110	AFG	F4	3-3/8"	0.90 X 80°B (H)	—	AF60WP	140	B2007	S-6 / B-0	2-1/2"	31
WBV-04-125	AFG	F4	3-3/8"	1.10 X 80°B (H)	—	AF60WP	140	B2007	S-8 / B-2	2-1/2"	31
WBV-04-150	AFG	F6	2-3/4"	1.25 X 80°A	—	AF60YB	140	B2007	S-8 / B-1	—	
WV-05-175	AFG	F12	NONE	1.50 X 80°B (H)	—	AF72YN	140	B2007	—	2-9/16"	31
WV-05-175	AFG	V1-3	NONE	1.50 X 60°B (H)	—	AFG70ML	140	B2007	—	2-9/16"	31
WV-05-200	AFG	V1-4	NONE	1.75 X 60°B (H)	—	AFG70ML	140	B2007	—	2-9/16"	31
WV-05-200	AFG	F16	NONE	1.75 X 70°B (H)	—	AF72WK	140	B2007	—	2-9/16"	31
WV-DV-03-075	AFII100	AF2-6	# 3	0.60 X 70°B	—	HLX50HB	170	—	—	—	
WV-DV-03-085	AFII100	AF2-6	# 4	0.65 X 45°B (H)	—	HLX50HB	170	—	—	—	31
WV-DV-03-110	AFII100	AF2-6	# 6	0.85 X 60°B	—	HLX50HB	170	—	—	2-1/2"	
WBV-03-060	NX	6-slot	—	0.50 X 60°W	32229	NX70LC	140	B8001	1.5	2-1/2"	
WBV-03-085	NX	9-slot	—	0.65 X 60°W	—	NX70LB	175	B8001	2.5	2-1/2"	
WBV-04-095	NX	6-slot	—	0.85 X 60°B	—	NX70LC	140	B8001	2.75	2-1/2"	
WBV-04-125	NX	9-slot	—	1.10 X 60°W	—	NX70LD	140	B8001	1.25	2"	
WBV-04-150	NX	9-slot	—	1.25 X 60°W	—	NX70LD	140	B8001	2.25	2"	
WBV-03-1.10	NX	9-slot	—	0.85 X 60°B (H)	—	NX70LB	175	B8001	3.75	2-1/2"	31
WV-DV-03-0.85	NX	9-slot	—	0.65 X 60°W	32229	NX70LB	175	B8001	3	2-1/2"	3
WV-DV-04-1.15	NX	9-slot	—	0.85 X 60°B (H)	32229	NX70LD	170	B8001	1.5	2-1/2"	31
JO/JOT-TW275	SF	F220	2-1/4"	2.25 X 70°B	—	SF44VT	140	B711	—	—	
JO/JOT-TW300	SF	F220	2-1/4"	2.50 X 70°B	—	SF44VT	140	B711	—	—	

(3) Pre/post-purge control must be used.

(9) Electrode settings of 1/4" above center of nozzle, 1/8" in front of nozzle and gap 5/32".

(16) With conic shroud, "Z" dimension is 1-3/4".

(31) The (H) in the Nozzle Description denotes a Hago.

(40) Must maintain 0° downward pitch on air tube/flange.

(45) Must maintain 4° downward pitch on air tube/flange.

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Pennco</b>											
1304	AF	F3	2-3/4"	1.00 X 80°A	—	AF60XN	100	B3001	—	—	
1305	AF	F12	2-3/4"	1.35 X 80°A	—	AF60XO	100	B3001	—	—	
1306	AF	F12	2-3/4"	1.65 X 80°A	—	AF60XO	100	B3001	—	—	
1307	AF	F12	2-3/4"	2.00 X 80°A	—	AF60XO	100	B3001	—	—	
1308	AF	F31	NONE	2.25 X 80°A	—	AF60XS	100	B3001	—	—	
1309	AF	F31	NONE	2.50 X 80°A	—	AF60XS	100	B3001	—	—	
3K.60	AFG	L1	3-3/8"	0.65 X 70°B	—	AFG50MB	100	B2007	S-5 / B-0	2"	53
3K.60	AFG	L1	3-3/8"	0.65 X 70°W	5880	AFG50MBAS	100	B2007	5-4 / B-0	2-1/2"	54
3K.65	AFG	L1	3-3/8"	0.65 X 70°B	5880	AFG50MBAS	100	B2007	5-5 / B-0	2-1/2"	54
3K.75	AFG	L1	3-3/8"	0.75 X 70°B	5880	AFG50MBAS	100	B2007	5-10 / B-0	2-1/2"	54
3K.75	AFG	L1	3-3/8"	0.75 X 70°A	—	AFG50MB	100	B2007	5-5 / B-0	2"	53
3K1.00	AFG	L1	3-3/8"	1.00 X 70°B	—	AFG50MBAS	100	B2007	5-10 / B-0	2-1/2"	54
3K1.00	AFG	L1	3-3/8"	1.00 X 70°A	—	AFG50MB	100	B2007	S-5 / B-0	2"	53
3KS1.00	AFG	L1	3-3/8"	0.65 X 60°W	—	AFG50MB	100	B2007	S-5 / B-0	2"	53
3KS1.25	AFG	V1	2-3/4"	1.10 X 70°B	—	AFG50MD	100	B2007	S-10 / B-2	2"	53
3KS1.35	AFG	V1	2-3/4"	1.20 X 70°B	—	AFG50MD	100	B2007	S-10 / B-2	2"	53
4K.90	AFG	V1-0	2-3/4"	0.75 X 60°B	—	AFG50MDAS	140	B2007	S-5 / B-0	2-1/4"	54
4K.90	AFG	V1-0	2-3/4"	0.90 X 60°W	—	AFG50MD	100	B2007	S-10 / B-2	2"	53
4K1.25	AFG	V1-0	2-3/4"	1.25 X 70°B	—	AFG50MDAS	100	B2007	S-10 / B-1	2-1/4"	54
4K1.25	AFG	V1-0	2-3/4"	1.25 X 70°B	—	AFG50MD	100	B2007	S-10 / B-2	2"	53
4K1.50	AFG	V1-1	2-3/4"	1.50 X 70°B	—	AFG50MD	100	B2007	S-10 / B-2	2"	53
4KS1.50	AFG	V1	2-3/4"	1.25 X 60°B	—	AFG50MD	100	B2007	S-10 / B-2	2"	53
4KS1.75	AFG	V1	2-3/4"	1.50 X 60°B	—	AFG50MD	100	B2007	S-10 / B-2	2"	53
4KS1.85	AFG	V1	2-3/4"	1.65 X 60°B	—	AFG50MD	100	B2007	S-10 / B-2	2"	53
5K1.20	AFG	V1-0	2-3/4"	1.20 X 70°B	—	AFG50MD	100	B2007	S-10 / B-2	2"	53
5K1.20	AFG	V1-1	2-3/4"	1.20 X 70°B	—	AFG50MDAS	100	B2007	S-8 / B-1	2-1/4"	54
5K1.50	AFG	V1-2	2-3/4"	1.50 X 60°B	—	AFG50MD	100	B2007	S-10 / B-3	2-1/4"	54
5K1.75	AFG	V1-3	2-3/4"	1.75 X 70°B	—	AFG50MD	100	B2007	S-10 / B-2	2"	53
5K1.75	AFG	V1-3	2-3/4"	1.75 X 60°B	—	AFG50MDAS	100	B2007	S-10 / B-3	2-1/4"	54
5K2.00	AFG	V1-4	2-3/4"	2.00 X 70°B	—	AFG50MD	100	B2007	S-10 / B-2	2"	53
5K2.00	AFG	V1-4	2-3/4"	2.00 X 60°B	—	AFG50MDAS	100	B2007	S-10 / B-3	2-1/4"	54
<i>(53) Burner specs before September 2012</i>											
<i>(54) Burner specs after September 2012</i>											
<b>Pensotti</b>											
S1-18	AFII 150	AF2-9	# 0	0.60 X 70°B	—	HLX50HC	140	B7210	2	2"	
S1-26	AFII 150	AF2-9	# 2	0.90 X 60°B	—	HLX50HC	140	B7210	2	2"	
S1-34	AFII 150	AF2-9	# 5	1.10 X 60°B	—	HLX50HC	140	B7210	6	2"	
S1-42	AFII 150	AF2-9	# 8	1.25 X 60°B	—	HLX50HC	140	B7210	6	2"	
DK2-3 CV/DV	NX	6-slot	—	0.60 X 60°B (H)	32229	NX70LC	150	B8001	2	2-5/8"	31
DK2-4 CV/DV	NX	9-slot	—	0.85 X 60°B	—	NX70LB	140	B8001	2.75	2-5/8"	40
DK2-5 CV/DV	NX	9-slot	—	1.00 X 60°B (H)	—	NX70LD	150	B8001	1.25	2-5/8"	31
<i>(31) The (H) in the Nozzle Description denotes a Hago.</i>											
<i>(40) Must maintain 0° downward pitch on air tube/flange.</i>											
<b>Perfection Products</b>											
OW268	AF	F0	3-3/8"	0.50 X 80°A	—	AF53XM	100	B3001	S-7 / B-0	—	
<b>Porter Manufacturing</b>											
WF-1-C	AF	F0	3-3/8"	0.50 X 80°AH	—	AF35XM	100	B3001	S-4 / B-0	—	



Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Pow-R-Matic, Inc.</b>											
CA-20	AF	F12	2-3/4"	1.75 X 80°A	—	AF72XO	100	B3001	—	—	
CA-25	AF	F31	2-3/4"	2.25 X 80°A	—	AF72XS	100	B3001	—	—	
CA-30	AF	F31	2-3/4"	2.75 X 80°A	—	AF72XS	100	B3001	—	—	
UH100	AF	F3	2-3/4"	0.90 X 80°B	—	AF72XN	100	B3001	S-7 / B-0	4-1/2"	
UH140	AF	F12	2-3/4"	1.25 X 80°A	—	AF72XO	100	B3001	S-7 / B-0	4-1/2"	
UH180	AF	F12	2-3/4"	1.65 X 80°A	—	AF72XO	100	B3001	S-7 / B-0	4-1/2"	
UH250	AF	F31	2-3/4"	2.25 X 70°A	—	AF72XS	100	B3001	—	4-1/2"	
UH300	AF	F31	2-3/4"	2.75 X 80°A	—	AF72XS	100	B3001	—	4-1/2"	
UH50	AF	F0	2-3/4"	0.50 X 80°A	—	AF72XZT	100	B3001	S-7 / B-0	4-1/2"	
UH80	AF	F3	2-3/4"	0.75 X 80°A	—	AF72XN	100	B3001	S-7 / B-0	4-1/2"	
<b>Pure-Temp</b>											
XEF0112F070	AFG	F3	3-3/8"	0.50 X 80°S	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
XEF0112F105	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
XEF0116F125	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
XEF0120F155	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	S-7 / B-0	—	1
<i>(1) "FS" on air tube combination = fiber heat shield on combustion head.</i>											
<b>Quiet Automatic</b>											
UHZA150D34	AFG	F12	2-3/4"	1.35 X 70°H	—	AF67XOHS	100	B2008	S-10 / B-0	—	2
UHZA200D34	AFG	F12	2-3/4"	1.75 X 70°H	—	AF67XOHS	100	B2008	S-10 / B-1	—	2
<i>(2) "HS" on air tube combination = ceramic heat shield on combustion head.</i>											
<b>Ray-Pak</b>											
C315A-EO	AFG	F160	2-3/4"	2.00 X 70°A	—	AF44JT	125	B2007	S-10 / B-3	3-3/4"	
<b>Reznor</b>											
O(H,B)-140	AF	F6	2-3/4"	1.25 X 70°B	—	AF62YB	100	B3001	S-6 / B-0	3-5/8"	
O(H,B)-195	AF	F12	2-3/4"	1.35 X 70°B	—	AF62XO	150	B3001	S-7 / B-0	3-5/8"	
O(H,B)-95	AF	F3	2-3/4"	0.85 X 80°B	—	AF62XN	100	B3001	S-6 / B-0	3-5/8"	
O(UH)115	AF	F6	2-3/4"	1.00 X 80°B	—	AF85YB	100	B3001	S-7 / B-0	—	
O(UH)140	AF	F12	2-3/4"	1.25 X 80°B	—	AF85XO	100	B3001	S-7 / B-0	—	
O(UH)185	AF	F12	2-3/4"	1.65 X 80°B	—	AF62XO	100	B3001	S-7 / B-0	—	
O(UH)250	AF	F22	2-3/4"	2.25 X 70°B	—	AF83XP	100	B3001	S-10 / B-4	—	
O(UH)300	AF	F30	2-3/4"	2.75 X 80°B	—	AF85JD	100	B3001	S-10 / B-4	—	
O(UH)95	AF	F3	2-3/4"	0.85 X 80°B	—	AF62XN	100	B3001	S-7 / B-0	—	
<b>Rheem Manufacturing</b>											
ROBB-084	AF	F3	2-3/4"	0.75 X 80°S	—	AF60XN	100	B3001	S-7 / B-0	—	
ROBB-095	AF	F3	2-3/4"	0.85 X 80°S	—	AF60XN	100	B3001	S-7 / B-0	—	
ROBB-112	AF	F3	2-3/4"	1.00 X 80°S	—	AF60XN	100	B3001	S-7 / B-0	—	
ROBB-120	AF	F3	2-3/4"	1.10 X 70°S	—	AF60XN	100	B3001	S-7 / B-0	—	
ROBB-130	AF	F12	2-3/4"	1.20 X 80°S	—	AF60XO	100	B3001	S-7 / B-0	—	
ROBB-150	AF	F12	2-3/4"	1.35 X 80°S	—	AF60XO	100	B3001	S-7 / B-0	—	
ROHB-084	AF	F3	2-3/4"	0.75 X 80°S	—	AF60XN	100	B3001	S-7 / B-0	—	
ROHB-095	AF	F3	2-3/4"	0.85 X 80°S	—	AF60XN	100	B3001	S-7 / B-0	—	
ROHB-112	AF	F3	2-3/4"	1.00 X 80°S	—	AF60XN	100	B3001	S-7 / B-0	—	
ROHB-120	AF	F3	2-3/4"	1.10 X 70°S	—	AF60XN	100	B3001	S-7 / B-0	—	
ROHB-130	AF	F12	2-3/4"	1.20 X 80°S	—	AF60XO	100	B3001	S-7 / B-0	—	
ROHB-150	AF	F12	2-3/4"	1.35 X 80°S	—	AF60XO	100	B3001	S-7 / B-0	—	
ROMB-084	AF	F3	2-3/4"	0.75 X 80°S	—	AF60XN	100	B3001	S-7 / B-0	—	
ROMB-095	AF	F3	2-3/4"	0.85 X 80°S	—	AF60XN	100	B3001	S-7 / B-0	—	
ROMB-112	AF	F3	2-3/4"	1.00 X 80°S	—	AF60XN	100	B3001	S-7 / B-0	—	

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Rheem Manufacturing (cont'd)</b>											
ROMB-120	AF	F3	2-3/4"	1.10 X 70°S	—	AF60XN	100	B3001	S-7 / B-0	—	
ROMB-130	AF	F12	2-3/4"	1.20 X 80°S	—	AF60XO	100	B3001	S-7 / B-0	—	
ROMB-150	AF	F12	2-3/4"	1.35 X 80°S	—	AF60XO	100	B3001	S-7 / B-0	—	
RONB-085	AF	F3	2-3/4"	0.75 X 80°S	—	AF60XN	100	B3001	S-7 / B-0	—	
RONB-095	AF	F3	2-3/4"	0.85 X 80°S	—	AF60XN	100	B3001	S-7 / B-0	—	
RONB-112	AF	F3	2-3/4"	1.00 X 80°S	—	AF60XN	100	B3001	S-7 / B-0	—	
RONB-120	AF	F3	2-3/4"	1.10 X 70°S	—	AF60XN	100	B3001	S-7 / B-0	—	
RONB-130	AF	F12	2-3/4"	1.20 X 80°S	—	AF60XO	100	B3001	S-7 / B-0	—	
RONB-150	AF	F12	2-3/4"	1.35 X 80°S	—	AF60XO	100	B3001	S-7 / B-0	—	
ROBB-084	AFG	F3	2-3/4"	0.75 X 80°S	5880	AF60XN	100	B2007	S-7 / B-0	—	
ROBB-095	AFG	F3	2-3/4"	0.85 X 80°S	—	AF60XN	100	B2007	S-7 / B-0	—	
ROBB-112	AFG	F3	2-3/4"	1.00 X 80°S	—	AF60XN	100	B2007	S-7 / B-0	—	
ROBB-120	AFG	F3	2-3/4"	1.10 X 70°S	—	AF60XN	100	B2007	S-7 / B-0	—	
ROBB-130	AFG	F12	2-3/4"	1.20 X 80°S	—	AF60XO	100	B2007	S-7 / B-0	—	
ROBB-150	AFG	F12	2-3/4"	1.35 X 80°S	—	AF60XO	100	B2007	S-7 / B-0	—	
ROBC-056	AFG	F0	3-3/8"R	0.50 X 70°S	5880	AF36JY	100	B2007	S-7 / B-0	—	50
ROBC-056	AFG	F0	3-3/8"R	0.50 X 70°B	31760	AF42JYHS	100	B2007	S-10 / B-0	3-11/16"	2
ROBC-067	AFG	F0	3-3/8"R	0.60 X 70°S	5880	AF36JY	100	B2007	S-7 / B-0	—	50
ROBC-067	AFG	F0	3-3/8"R	0.60 X 70°B	31760	AF42JYHS	100	B2007	S-10 / B-0	3-11/16"	2
ROBC-084	AFG	F3	2-3/4"	0.75 X 70°B	5880	AF42XNHS	100	B2007	S-10 / B-0	3-11/16"	2
ROBC-084	AFG	F3	3-3/8"R	0.75 X 70°S	5880	AF36BN	100	B2007	S-7 / B-0	—	50
ROBC-095	AFG	F3	2-3/4"	0.85 X 70°B	5880	AF42XNHS	100	B2007	S-10 / B-0	3-11/16"	2, 50
ROBC-095	AFG	F3	3-3/8"R	0.85 X 70°S	5880	AF36BN	100	B2007	S-7 / B-0	—	50
ROBC-112	AFG	F3	2-3/4"	1.00 X 70°B	5880	AF42XNHS	100	B2007	S-10 / B-0	3-11/16"	2
ROBC-112	AFG	F3	2-3/4"	1.00 X 70°S	5880	AF36XN	100	B2007	S-7 / B-0	—	50
ROBC-130	AFG	F6	3-3/8"R	1.20 X 70°S	—	AF36JZ	100	B2007	S-7 / B-0	—	50
ROBC-150	AFG	F6	3-3/8"R	1.35 X 70°S	—	AF36JZ	100	B2007	S-7 / B-0	—	50
ROCB060P/E	AFG	L2	3-3/8"	0.40 X 60°W	5880	AFG90MQSS	175	B2007	S-5 / B-0	4-1/4"	8,10,16
ROCB072P/E	AFG	L2	3-3/8"	0.50 X 60°B	5880	AFG90MQSS	150	B2007	S-7 / B-0	4-1/4"	8,10,16
ROCB089P/E	AFG	L2	3-3/8"	0.60 X 60°B	5880	AFG90MQSS	150	B2007	S-10 / B-2	4-1/4"	8,10,16
ROHB-084	AFG	F3	2-3/4"	0.75 X 80°S	5880	AF60XNSS	100	B2007	S-7 / B-0	—	27
ROHB-095	AFG	F3	2-3/4"	0.85 X 80°S	—	AF60XNSS	100	B2007	S-7 / B-0	—	27
ROHB-112	AFG	F3	2-3/4"	1.00 X 80°S	—	AF60XNSS	100	B2007	S-7 / B-0	—	27
ROHB-120	AFG	F3	2-3/4"	1.10 X 70°S	—	AF60XNSS	100	B2007	S-7 / B-0	—	27
ROHB-130	AFG	F12	2-3/4"	1.20 X 80°S	—	AF60XOSS	100	B2007	S-7 / B-0	—	27
ROHB-150	AFG	F12	2-3/4"	1.35 X 80°S	—	AF60XOSS	100	B2007	S-7 / B-0	—	27
ROMB-084	AFG	F3	2-3/4"	0.75 X 80°S	5880	AF60XN	100	B2007	S-7 / B-0	—	
ROMB-095	AFG	F3	2-3/4"	0.85 X 80°S	—	AF60XN	100	B2007	S-7 / B-0	—	
ROMB-112	AFG	F3	2-3/4"	1.00 X 80°S	—	AF60XN	100	B2007	S-7 / B-0	—	
ROMB-120	AFG	F3	2-3/4"	1.10 X 70°S	—	AF60XN	100	B2007	S-7 / B-0	—	
ROMB-130	AFG	F12	2-3/4"	1.20 X 80°S	—	AF60XO	100	B2007	S-7 / B-0	—	
ROMB-150	AFG	F12	2-3/4"	1.35 X 80°S	—	AF60XO	100	B2007	S-7 / B-0	—	
RONC-084	AFG	F3	3-3/8"R	0.75 X 70°S	—	AF36BN	100	B2007	S-7 / B-0	—	50
RONC-095	AFG	F3	3-3/8"R	0.85 X 70°S	—	AF36BN	100	B2007	S-7 / B-0	—	50
RONC-112	AFG	F3	2-3/4"	1.00 X 70°B	—	AF42XNHS	100	B2007	S-10 / B-0	3-11/16"	2
RONC-112	AFG	F3	2-3/4"	1.00 X 70°S	—	AF36XN	100	B2007	—	—	50
RONC-130	AFG	F6	3-3/8"R	1.20 X 70°B	—	AF42JZHS	100	B2007	S-7 / B-4	3-11/16"	2, 50
RONC-130	AFG	F6	3-3/8"R	1.20 X 70°S	—	AF36JZ	100	B2007	S-7 / B-0	—	50
ROUC-084	AFG	F3	3-3/8"R	0.75 X 70°S	—	AF36BN	100	B2007	S-7 / B-0	—	50

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Rheem Manufacturing (cont'd)</b>											
ROUC-095	AFG	F3	3-3/8"R	0.85 X 70°S	—	AF36BN	100	B2007	S-7 / B-0	—	50
ROUC-112	AFG	F3	2-3/4"	1.00 X 70°S	—	AF36XN	100	B2007	S-7 / B-0	—	50
ROUC-130	AFG	F6	3-3/8"R	1.20 X 70°S	—	AF36JZ	100	B2007	S-7 / B-0	—	50
ROUZ-084	AG	2" ID	34-9	0.75 X 80°S	—	A60BC	100	B2007	—	—	
ROUZ-112	AG	2" ID	34-9	1.00 X 80°S	—	A60BC	100	B2007	—	—	
<p>(2) "HS" on air tube combination = ceramic heat shield on combustion head.  (8) 2-slot air band 31840BK required.  (10) 3-slot air shutter #32211.  (16) With conic shroud, "Z" dimension is 1-3/4".  (27) Requires Stainless Steel air tube.  (50) Strip Blower Wheel 21434</p>											
<b>Roman Welding</b>											
HS200	AFG	F12	2-3/4"	1.20 X 80°B	—	AF40XO	140	B2007	S-8 / B-0	4"	
HS400	AFG	F310	2-3/4"	2.75 X 70°B	—	AF40BU	110	B2007	S-10 / B-5	4"	
<b>Ruud</b>											
UOBB-084	AF	F3	2-3/4"	0.75 X 80°S	—	AF60XNSS	100	B3001	S-7 / B-0	—	27
UOBB-095	AF	F3	2-3/4"	0.85 X 80°S	—	AF60XNSS	100	B3001	S-7 / B-0	—	27
UOBB-112	AF	F3	2-3/4"	1.00 X 80°S	—	AF60XNSS	100	B3001	S-7 / B-0	—	27
UOBB-120	AF	F3	2-3/4"	1.10 X 70°S	—	AF60XNSS	100	B3001	S-7 / B-0	—	27
UOBB-130	AF	F12	2-3/4"	1.20 X 80°S	—	AF60XOSS	100	B3001	S-7 / B-0	—	27
UOBB-150	AF	F12	2-3/4"	1.35 X 80°S	—	AF60XOSS	100	B3001	S-7 / B-0	—	27
UOHB-084	AF	F3	2-3/4"	0.75 X 80°S	—	AF60XNSS	100	B3001	S-7 / B-0	—	27
UOHB-095	AF	F3	2-3/4"	0.85 X 80°S	—	AF60XNSS	100	B3001	S-7 / B-0	—	27
UOHB-112	AF	F3	2-3/4"	1.00 X 80°S	—	AF60XNSS	100	B3001	S-7 / B-0	—	27
UOHB-120	AF	F3	2-3/4"	1.10 X 70°S	—	AF60XNSS	100	B3001	S-7 / B-0	—	27
UOHB-130	AF	F12	2-3/4"	1.20 X 80°S	—	AF60XOSS	100	B3001	S-7 / B-0	—	27
UOHB-150	AF	F12	2-3/4"	1.35 X 80°S	—	AF60XOSS	100	B3001	S-7 / B-0	—	27
UOMB-084	AF	F3	2-3/4"	0.75 X 80°S	—	AF60XNSS	100	B3001	S-7 / B-0	—	27
UOMB-095	AF	F3	2-3/4"	0.85 X 80°S	—	AF60XNSS	100	B3001	S-7 / B-0	—	27
UOMB-112	AF	F3	2-3/4"	1.00 X 80°S	—	AF60XNSS	100	B3001	S-7 / B-0	—	27
UOMB-120	AF	F3	2-3/4"	1.10 X 70°S	—	AF60XNSS	100	B3001	S-7 / B-0	—	27
UOMB-130	AF	F12	2-3/4"	1.20 X 80°S	—	AF60XOSS	100	B3001	S-7 / B-0	—	27
UOMB-150	AF	F12	2-3/4"	1.35 X 80°S	—	AF60XOSS	100	B3001	S-7 / B-0	—	27
UONB-085	AF	F3	2-3/4"	0.75 X 80°S	—	AF60XN	100	B3001	S-7 / B-0	—	
UONB-095	AF	F3	2-3/4"	0.85 X 80°S	—	AF60XN	100	B3001	S-7 / B-0	—	
UONB-112	AF	F3	2-3/4"	1.00 X 80°S	—	AF60XN	100	B3001	S-7 / B-0	—	
UONB-120	AF	F3	2-3/4"	1.10 X 70°S	—	AF60XN	100	B3001	S-7 / B-0	—	
UONB-130	AF	F12	2-3/4"	1.20 X 80°S	—	AF60XO	100	B3001	S-7 / B-0	—	
UONB-150	AF	F12	2-3/4"	1.35 X 80°S	—	AF60XO	100	B3001	S-7 / B-0	—	
ROCB060P/E	AFG	L2	3-3/8"	0.40 X 60°W	5880	AFG90MQSS	175	B2007	S-5 / B-0	4-1/4"	8,10,16
ROCB072P/E	AFG	L2	3-3/8"	0.50 X 60°B	5880	AFG90MQSS	150	B2007	S-7 / B-0	4-1/4"	8,10,16
ROCB089P/E	AFG	L2	3-3/8"	0.60 X 60°B	5880	AFG90MQSS	150	B2007	S-10 / B-2	4-1/4"	8,10,16
UOBB-084	AFG	F3	2-3/4"	0.75 X 80°S	5880	AF60XNSS	100	B2007	S-7 / B-0	—	27
UOBB-095	AFG	F3	2-3/4"	0.85 X 80°S	—	AF60XNSS	100	B2007	S-7 / B-0	—	27
UOBB-112	AFG	F3	2-3/4"	1.00 X 80°S	—	AF60XNSS	100	B2007	S-7 / B-0	—	27
UOBB-120	AFG	F3	2-3/4"	1.10 X 70°S	—	AF60XNSS	100	B2007	S-7 / B-0	—	27
UOBB-130	AFG	F12	2-3/4"	1.20 X 80°S	—	AF60XOSS	100	B2007	S-7 / B-0	—	27
UOBB-150	AFG	F12	2-3/4"	1.35 X 80°S	—	AF60XOSS	100	B2007	S-7 / B-0	—	27

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Ruud (cont'd)</b>											
UOBC 056	AFG	F0	3-3/8"R	0.50 X 70°R	—	AF36JY	100	B2007	S-7 / B-0	—	50
UOBC 067	AFG	F0	3-5/8"	0.60 X 70°AR	—	AF36YL	100	B2007	S-7 / B-0	—	50
UOBC 067	AFG	F0	3-3/8"R	0.60 X 70°B	—	AF42JYHS	100	B2007	S-10 / B-0	3-11/16"	2,50
UOBC 084	AFG	F3	2-3/4"	0.75 X 70°B	5880	AF42XNHS	100	B2007	S-10 / B-0	3-11/16"	2
UOBC 084	AFG	F3	2-3/4"	0.75 X 70°B	—	AF36XN	100	B2007	S-7 / B-0	—	50
UOBC 096	AFG	F3	2-3/4"	0.85 X 70°B	—	AF36XN	100	B2007	S-7 / B-0	—	50
UOBC 096	AFG	F3	2-3/4"	0.85 X 70°B	5880	AF42XNHS	100	B2007	S-10 / B-0	3-11/16"	2
UOBC 112	AFG	F3	2-3/4"	1.00 X 70°B	—	AF36XN	100	B2007	S-7 / B-0	—	50
UOBC 112	AFG	F3	2-3/4"	1.00 X 70°B	5880	AF42XNHS	100	B2007	S-7 / B-0	—	2
UOBC 130	AFG	F6	3-3/8"R	1.20 X 70°S	—	AF36JZ	100	B2007	S-7 / B-0	—	50
UOBC 150	AFG	F6	3-3/8"R	1.35 X 70°S	—	AF36JZ	100	B2007	S-7 / B-0	—	50
UOBC 150	AFG	F6	3-3/8"R	1.35 X 70°B	—	AF42JZHS	100	B2007	S-7 / B-4	—	2
UOHB-084	AFG	F3	2-3/4"	0.75 X 80°S	5880	AF60XNSS	100	B2007	S-7 / B-0	—	27
UOHB-095	AFG	F3	2-3/4"	0.85 X 80°S	—	AF60XNSS	100	B2007	S-7 / B-0	—	27
UOHB-112	AFG	F3	2-3/4"	1.00 X 80°S	—	AF60XNSS	100	B2007	S-7 / B-0	—	27
UOHB-120	AFG	F3	2-3/4"	1.10 X 70°S	—	AF60XNSS	100	B2007	S-7 / B-0	—	27
UOHB-130	AFG	F12	2-3/4"	1.20 X 80°S	—	AF60XOSS	100	B2007	S-7 / B-0	—	27
UOHB-150	AFG	F12	2-3/4"	1.35 X 80°S	—	AF60XOSS	100	B2007	S-7 / B-0	—	27
UOMB-084	AFG	F3	2-3/4"	0.75 X 80°S	5880	AF60XNSS	100	B2007	S-7 / B-0	—	27
UOMB-095	AFG	F3	2-3/4"	0.85 X 80°S	—	AF60XNSS	100	B2007	S-7 / B-0	—	27
UOMB-112	AFG	F3	2-3/4"	1.00 X 80°S	—	AF60XNSS	100	B2007	S-7 / B-0	—	27
UOMB-120	AFG	F3	2-3/4"	1.10 X 70°S	—	AF60XNSS	100	B2007	S-7 / B-0	—	27
UOMB-130	AFG	F12	2-3/4"	1.20 X 80°S	—	AF60XOSS	100	B2007	S-7 / B-0	—	27
UOMB-150	AFG	F12	2-3/4"	1.35 X 80°S	—	AF60XOSS	100	B2007	S-7 / B-0	—	27
UONC 084	AFG	F3	3-3/8"R	0.75 X 70°S	—	AF36BN	100	B2007	S-7 / B-0	—	
UONC 095	AFG	F3	3-3/8"R	0.85 X 70°S	—	AF36BN	100	B2007	S-7 / B-0	—	50
UONC 112	AFG	F3	2-3/4"	1.00 X 70°S	—	AF36XN	100	B2007	S-7 / B-0	—	50
UONC 130	AFG	F6	3-3/8"R	1.20 X 70°S	—	AF36JZ	100	B2007	S-7 / B-0	—	50
UOUC 084	AFG	F3	2-3/4"	0.75 X 70°S	—	AF36XN	100	B2007	S-7 / B-0	—	
UOUC 095	AFG	F3	2-3/4"	0.85 X 70°S	—	AF36XN	100	B2007	S-7 / B-0	—	
UOUC 112	AFG	F3	2-3/4"	1.00 X 70°S	—	AF36XN	100	B2007	S-7 / B-0	—	
UOUC 130	AFG	F6	3-3/8"	1.20 X 70°S	—	AF36JZ	100	B2007	S-7 / B-0	—	
UOUZ-084	AG	2" ID	2-3/4"	0.75 X 80°S	—	A60BC	100	B2007	—	—	
UOUZ-112	AG	2" ID	2-3/4"	1.00 X 80°S	—	A60BC	100	B2007	—	—	
(2) "HS" on air tube combination = ceramic heat shield on combustion head.											
(8) 2-slot air band 31840BK required.											
(10) 3-slot air shutter #32211.											
(16) With conic shroud, "Z" dimension is 1-3/4".											
(27) Requires Stainless Steel air tube.											
(50) Strip Blower Wheel 21434											
<b>Siebring Mfg. Co.</b>											
240 ROYAL	AFG	F16	2-3/4"	1.65 X 80°B	—	AF65WF	100	B2007	S-10 / B-0	5"	
320 ROYAL	AFG	F16	2-3/4"	2.25 X 80°B	—	AF65WF	100	B2007	S-10 / B-4	5"	
HDD1003	AFG	F31	2-3/4"	2.50 X 80°B	—	AF65XV	100	B2007	S-10 / B-5	5"	
HM125	AFG	F4	2-3/4"	0.85 X 80°B	—	AF65WH	100	B2007	S-7 / B-0	5"	
HM203	AFG	F4	2-3/4"	1.25 X 80°B	—	AF65WH	100	B2007	S-9 / B-0	5"	
HM303	AFG	F16	2-3/4"	2.00 X 80°B	—	AF65WF	100	B2007	S-10 / B-2	5"	
HM404	AFG	F31	NONE	2.75 X 80°B	—	AF65XV	100	B2007	S-10 / B-5	5"	

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Siebring Mfg. Co. (cont'd)</b>											
QUANTUM 140	AFG	F4	3-3/8"	1.00 X 80°B	—	AF65WH	100	B2007	S-7 / B-0	5"	
QUANTUM 210	AFG	F16	2-3/4"	1.50 X 80°A	—	AF65WF	100	B2007	S-10 / B-0	5"	
TH150	AFG	F4	2-3/4"	1.10 X 80°A	—	AF65WH	100	B2007	S-9 / B-0	5"	
<b>Slant / Fin</b>											
78-105	AF	F3	2-3/4"	1.00 X 80°B	—	AF60XN	100	B3001	S-10 / B-0	2"	
78-120	AF	F3	2-3/4"	1.20 X 80°B	—	AF60XN	100	B3001	S-10 / B-0	2"	
78-135	AF	F6	2-3/4"	1.35 X 80°B	—	AF60YB	100	B3001	S-10 / B-0	2"	
78-155	AF	F6	2-3/4"	1.50 X 80°B	—	AF60YB	100	B3001	S-10 / B-0	2"	
78-175	AF	F6	NONE	1.75 X 80°B	—	AF60ZN	100	B3001	S-10 / B-0	2"	
XL-40	AF	F6	NONE	1.35 X 80°W	—	AF60ZN	130	B3001	S-10 / B-0	1-3/4"	4
XL-40	AF	F6	NONE	1.35 X 80°W	—	AF60ZN	100	B3001	S-10 / B-2	1-3/4"	4
XL-40H	AF	F6	NONE	1.25 X 70°W	—	AF60ZN	100	B3001	S-10 / B-2	1-3/4"	
XL-50	AF	F12	NONE	1.75 X 70°B	—	AF60YN	100	B3001	S-10 / B-3	1-3/4"	4
XL-50	AF	F12	NONE	1.75 X 80°ES	—	AF60YN	100	B3001	S-10 / B-3	1-3/4"	4
L 20	AFG	F0	2-3/4"	0.75 X 80°B	—	AF60YA	100	B2007	S-9 / B-0	1-3/4"	4
L 30	AFG	F4S	2-3/4"	1.25 X 80°ES	—	AF60ZS	100	B2007	S-9 / B-0	2-1/4"	4
L 30	AFG	F4S	2-3/4"	1.00 X 80°W	—	AF60ZS	100	B2007	S-9 / B-0	2-1/4"	4
L 30	AFG	F4S	2-3/4"	1.10 X 80°W	—	AF60ZS	100	B2007	S-9 / B-0	2-1/4"	4
L 40	AFG	F120	2-3/4"	1.75 X 80°SS	—	AF60YC	100	B2007	S-10 / B-0	2-1/4"	4
L 40	AFG	F120	2-3/4"	1.50 X 80°B	—	AF60YC	100	B2007	S-10 / B-0	2-1/4"	4
L 50	AFG	F164	NONE	2.25 X 80°P	—	AF60JW	100	B2007	S-10 / B-3	2-3/4"	4
L 50	AFG	F164	NONE	2.00 X 80°P	—	AF60JW	100	B2007	S-10 / B-3	2-1/4"	4
MR 100	AFG	F3	2-3/4"	1.00 X 80°B	—	AF60XN	100	B2007	S-8 / B-0	2-3/4"	
MR 120	AFG	F6	2-3/4"	1.20 X 80°B	—	AF60YB	100	B2007	S-7 / B-0	2-3/4"	
MR 150	AFG	F6	2-3/4"	1.50 X 80°B	—	AF60YB	100	B2007	S-7 / B-0	2-3/4"	
MR 200	AFG	F12	NONE	2.00 X 80°B	—	AF60YN	100	B2007	S-7 / B-0	2-3/4"	
MRB 85	AFG	F3	2-3/4"	0.85 X 80°B	—	AF60XN	100	B2007	S-7 / B-0	2-3/4"	
XL-20	AFG	F0	3-3/8"	0.65 X 60°W	—	AF60XR	100	B2007	S-7 / B-0	1-3/4"	4
XL-30	AFG	F3	2-3/4"	1.00 X 80°W	—	AF60XN	100	B2007	S-8 / B-0	1-3/4"	4
XL-30H	AFG	F3	2-3/4"	0.85 X 70°W	—	AF60XN	100	B2007	S-8 / B-0	1-3/4"	4
TRVD-30-100	AFI150	AF2-6	# 3	0.85 X 60°B	—	HLX50HB	140	B7210	2.75	2"	44
LD-60 260	CF375	SL1-1	—	2.25 X 45°P	—	CF65KZ	135	BCF3907	S-10 / B-3	2"	4
LD-60 285	CF375	SL1-2	—	2.25 X 45°P	—	CF65KZ	160	BCF3907	S-10 / B-2	2"	
LD-70 300	CF375	SL1-3	—	2.50 X 45°SS	—	CF65KZ	145	BCF3907	S-10 / B-4	2"	
LD-70 310	CF375	SL1-4	—	2.50 X 45°SS	—	CF65KZ	155	BCF3907	S-10 / B-4	2"	
LD-70 335	CF375	SL1-5	—	2.75 X 60°B	—	CF65KZ	148	BCF3907	S-10 / B-4	2"	
L30DV-0.85	NX	6-slot	—	0.65 X 60°W	32229	NX70LC	175	B8001	2.5	2"	3
L30DV-1.00	NX	6-slot	—	0.75 X 60°B (H)	—	NX70LC	175	B8001	2.5	2"	3, 31
L30DV-1.10	NX	6-slot	—	0.85 X 60°B (H)	—	NX70LC	175	B8001	3	2"	3, 31
<i>(3) Pre/post-purge control must be used.</i>											
<i>(4) Requires Delay Solenoid Valve.</i>											
<i>(31) The (H) in the Nozzle Description denotes a Hago.</i>											
<i>(44) Must maintain 2.5° downward pitch on air tube/flange.</i>											
<b>Spirit</b>											
VHF-ABP	AFG	F3	3-5/8"	0.60 X 80°A	5880	AF60BDHSSS	120	B2007	S-6 / B-0	4-1/2"	2, 27
VHF-ABP	AFG	F3	3-5/8"	0.75 X 80°A	5880	AF60BDHSSS	120	B2007	S-8 / B-0	4-1/2"	2, 27
VHF-ABP	AFG	F3	3-5/8"	0.50 X 80°A	5880	AF60BDHSSS	120	B2007	S-4 / B-0	4-1/2"	2, 27
VHF-ABE-60	NX	9-slot	—	0.40 X 70°A	32229	NX70LGHS	150	B8001	2	4-1/2"	2
VHF-ABE-72	NX	9-slot	—	0.50 X 70°A	32229	NX70LGHS	150	B8001	2.25	4-1/2"	2

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Spirit (cont'd)</b>											
VHF-ABE-90	NX	9-slot	—	0.60 X 70°A	32229	NX50LGHS	150	B8001	2.75	4-1/2"	2
VHF-ABP-60	NX	9-slot	—	0.40 X 70°A	32229	NX50LGHS	150	B8001	2	4-1/2"	2
VHF-ABP-72	NX	9-slot	—	0.50 X 70°A	32229	NX50LGHS	150	B8001	2.25	4-1/2"	2
VHF-ABP-90	NX	9-slot	—	0.60 X 70°A	32229	NX50LGHS	150	B8001	2.75	4-1/2"	2
(2) "HS" on air tube combination = ceramic heat shield on combustion head. (27) Requires stainless steel air tube.											
<b>State Industries</b>											
PRV-40-ORS5	AFG	F3	2-3/4"	0.65 X 80°A	—	AF44XN	100	B2007	S-2 / B-1	—	
PRV-40-ORS5-UK	AFG	F3	2-3/4"	0.50 X 80°B	—	AF44XN	100	B2007	S-6 / B-3	—	
SBT-100-280-OES6	AFG	F22	NONE	2.00 X 80°B	—	AF44YF	100	B2007	S-6 / B-4	—	
SBT-40-90-OES5	AFG	F3	2-3/4"	0.65 X 80°A	—	AF44XN	100	B2007	S-2 / B-1	—	
SBT-40-90-OES5-UK	AFG	F3	2-3/4"	0.50 X 80°B	—	AF44XN	100	B2007	S-6 / B-3	—	
SBT-75-245-OE6	AFG	F220	2-3/4"	1.75 X 80°B	—	AF44YD	100	B2007	S-6 / B-3	—	
SBT-75-245-OE6-UK	AFG	F220	NONE	1.50 X 80°B	—	AF44YG	100	B2007	S-7 / B-6	—	
SBT-80-199-OE6	AFG	F12	2-3/4"	1.50 X 80°B	—	AF44XO	100	B2007	S-4 / B-4	—	
SBT-80-199-OE6-UK	AFG	F22	NONE	1.25 X 80°A	—	AF44YF	100	B2007	—	—	
SBT-70-350-OE6	SF	F220	2-3/4"	2.50 X 80°B	—	SF44FZ	100	B711	S-1 / B-3	—	
SBT-70-350-OE6-UK	SF	F220	2-3/4"	2.00 X 80°B	—	SF44FZ	100	B711	S-2 / B-2	—	
SBT-80-430-OE6-UK	SF	F300	NONE	2.50 X 80°B	—	SF40SA	100	B711	S-7 / B-4	—	
SBT-80-490-OE6	SF	F300	NONE	3.50 X 80°B	—	SF40SA	100	B711	S-6 / B-2	—	
<b>Summerair / Trent Metal LTD</b>											
SFLO115	AF	F3	3-1/2"	0.75 X 80°A	—	AF55ZPHS	100	B3001	S-7 / B-0	—	2
SLO115	AF	F3	3-1/2"	0.75 X 80°A	—	AF55ZPHS	100	B3001	S-6 / B-0	—	2
SLO115	AF	F4	3-1/2"	0.75 X 70°A	—	AF60WBHS	100	B3001	S-6 / B-0	3-1/2"	2
SLO140	AF	F6	3-3/8"	1.10 X 80°A	—	AF55YY	100	B3001	S-7 / B-0	—	
SOH100 / CAN	AF	F3	2-3/4"	0.75 X 80°A	—	AF65XN	100	B3001	S-5 / B-0	—	
SOH100 / USA	AF	F3	2-3/4"	0.75 X 80°A	—	AF65XN	100	B3001	S-7 / B-0	—	
SSO100	AF	F3	3-3/8"	0.85 X 80°B	—	AF40YH	100	B3001	S-7 / B-0	—	
SSO140	AF	F6	3-3/8"	1.25 X 80°B	—	AF44YY	100	B3001	S-10 / B-1	—	
SSO260	AF	F22	2-3/4"	1.75 X 80°B	—	AF53XP	100	B3001	S-10 / B-1	3-7/8"	
OLM125	AFG	V1-1	2-3/4"	0.85 X 60°B	—	AFG70MD	140	B2008	S-7 / B-0	2-1/2"	43
OLM85	AFG	L1	3-3/8"	0.60 X 60°B	5880	AFG70MBSS	160	B2008	S-10 / B-2	4"	27, 43
SMO112	AFG	L1	3-3/8"	0.75 X 60°W	5880	AFG70MBSS	100	B2007	S-5 / B-0	3-7/8"	27, 40
SOM125	AFG	F3	2-3/4"	0.85 X 70°B	—	AF65XNHS	140	B2008	S-8 / B-0	4"	2
SOM75	AFG	F3	3-1/2"	0.50 X 70°B	5880	AF65ZP	140	B2007	S-5 / B-0	4"	
SOM95	AFG	F3	3-3/8"	0.65 X 70°B	5880	AF65YHHS	140	B2008	S-7 / B-1	3-3/4"	2
(2) "HS" on air tube combination = ceramic heat shield on combustion head. (27) Requires Stainless Steel air tube. (40) Must maintain 0° downward pitch on air tube/flange. (43) Must maintain 1.5° downward pitch on air tube/flange.											
<b>Sunderman Mfg. Co.</b>											
L020UF	AFG	F12	2-3/4"	1.35 X 80°A	—	AF44XO	100	B2007	S-8 / B-0	1-1/2"	
L020UF	AFG	F12	2-3/4"	1.10 X 80°A	—	AF44XO	140	B2007	S-8 / B-0	1-1/2"	
<b>Tarm USA</b>											
Excel 2000	AF	F3	3-3/8"	1.00 X 80°B	—	AF35YH	100	B3001	S-7 / B-0	1"	
Excel 2000	AF	F6	3-3/8"	1.25 X 80°B	—	AF35YY	100	B3001	S-7 / B-0	1"	

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Tekton Corp.</b>											
Z020	AFG	F12	2-3/4"	1.50 X 80°A	—	AF65XO	100	B2007	S-7 / B-0	4-7/8"	
Z040	AFG	F31	2-3/4"	2.75 X 80°B	—	AF65XV	100	B2007	S-7 / B-0	4-7/8"	
OT35	AF	F3	3-3/8"	1.00 X 80°B	—	AF35YH	100	B3001	S-7 / B-0	1-1/2"	
OT50	AF	F6	2-3/4"	1.25 X 80°B	—	AF35YB	100	B3001	S-7 / B-0	1-1/2"	
TARM 502	AF	F3	3-3/8"	1.00 X 80°B	—	AF35YH	100	B3001	S-7 / B-0	1-1/2"	
TARM 504	AF	F6	3-3/8"	1.25 X 80°B	—	AF35YY	100	B3001	S-7 / B-0	1-1/2"	
NOVA 100	AFG	F3	3-3/8"	0.85 X 80°A	—	AF54YH	100	B2007	—	—	
NOVA 115	AFG	F3	3-3/8"	1.00 X 80°A	—	AF54YH	100	B2007	—	—	
NOVA 125	AFG	F6	3-3/8"	1.10 X 80°A	—	AF54YY	100	B2007	—	—	
NOVA 140	AFG	F6	3-3/8"	1.25 X 80°A	—	AF54YY	100	B2007	—	—	
NOVA 155	AFG	F12	2-3/4"	1.35 X 80°A	—	AF54XO	100	B2007	—	—	
NOVA 85	AFG	F3	3-3/8"	0.75 X 80°A	—	AF54YH	100	B2007	—	—	
SIME AR4	AFG	V1-0	2-3/4"	0.85 X 70°A	—	AFG50MD	100	B2007	S-6 / B-0	3"	
SIME AR4TC	AFG	V1-0	2-3/4"	0.85 X 70°A	—	AFG50MD	100	B2007	S-6 / B-0	3"	
SIME AR5	AFG	V1-0	2-3/4"	1.10 X 70°A	—	AFG50MD	100	B2007	S-7 / B-0	3"	
SIME AR5TC	AFG	V1-0	2-3/4"	1.10 X 70°A	—	AFG50MD	100	B2007	S-7 / B-0	3"	
SIME AR6	AFG	V1-1	2-3/4"	1.35 X 70°A	—	AFG50MD	100	B2007	S-8 / B-0	3"	
SIME AR6TC	AFG	V1-1	2-3/4"	1.35 X 70°A	—	AFG50MD	100	B2007	S-8 / B-0	3"	
TARM 902	AFG	F3	2-3/4"	0.85 X 80°B	—	AF44XN	100	B2007	S-2 / B-0	3-3/4"	
TARM 902	AFG	F3	2-3/4"	0.75 X 80°B	—	AF44XN	100	B2007	S-4 / B-0	3-3/4"	
TARM 902	AFG	F3	2-3/4"	1.00 X 80°B	—	AF44XN	100	B2007	S-6 / B-0	3-3/4"	
TARM 903	AFG	F6	2-3/4"	1.10 X 80°B	—	AF44YB	100	B2007	S-7 / B-0	3-3/4"	
TARM 903	AFG	F6	2-3/4"	1.35 X 80°B	—	AF44YB	100	B2007	S-7 / B-0	3-3/4"	
TARM 903	AFG	F6	2-3/4"	1.50 X 80°B	—	AF44YB	100	B2007	S-7 / B-0	3-3/4"	
<b>Teledyne Laars</b>											
DP250	AF	F22	2-3/4"	1.75 X 80°R	—	AF44XP	100	B3001	S-8 / B-0	3-3/4"	
DP350	AF	F22	NONE	2.50 X 80°A	—	AF44YF	100	B3001	S-10 / B-3	3-3/4"	
DP2000	ST	F22	2-3/4"	1.35 X 80°A	—	SF44VP	150	—	S-3 / B-0	3-3/4"	18, 40
DP3000	ST	F22	2-3/4"	2.00 X 80°A	—	SF44VP	150	—	S-3 / B-0	3-3/4"	18, 40
JF75	AF	F3	2-3/4"	0.75 X 80°B	—	AF44XN	100	B3001	S-7 / B-0	3-3/4"	
JF90	AF	F3	2-3/4"	0.90 X 80°B	—	AF44XN	100	B3001	S-7 / B-0	3-3/4"	
L387	AF	F22	2-3/4"	1.75 X 80°R	—	AF44XP	100	B3001	S-10 / B-3	3-3/4"	
L389	AF	F22	NONE	2.50 X 80°A	—	AF44YF	100	B3001	S-8 / B-0	3-3/4"	
JF125	AFG	F3	3-3/8"	1.10 X 80°B	—	AF53YH	140	B2007	S-10 / B-1	3-3/4"	
JF75	AFG	F3	3-3/8"	0.65 X 80°B	—	AF53YH	100	B2007	S-4 / B-0	3-3/4"	
JF90	AFG	F3	3-3/8"	0.75 X 80°B	—	AF53YH	100	B2007	S-5 / B-0	3-3/4"	
JF125	AFII 150	AF2-9	# 5	1.00 X 60°B	—	HLX70HE	180	B7203	4	4-1/4"	
NP 125-150-1	AFG	F6	3-3/8"	1.25 X 80°A	—	AF54YYHSSS	100	B2007	S-10 / B-0	2-3/4"	2,27
NP 125-150-2	AFG	F6	3-3/8"	1.35 X 80°A	—	AF54YYHSSS	100	B2007	S-10 / B-1	2-3/4"	2,27
NP 125-150-3	AFG	F6	3-3/8"	1.50 X 80°A	—	AF54YYHSSS	100	B2007	S-10 / B-2	2-3/4"	2,27
NP 85-110-1	AFG	F3	3-3/8"	0.85 X 70°A	5880	AF54YHHSSS	100	B2007	S-9 / B-0	2-3/4"	2,27
NP 85-110-2	AFG	F3	3-3/8"	0.85 X 70°A	—	AF54YHHSSS	140	B2007	S-7 / B-0	2-3/4"	2,27
NP 85-110-3	AFG	F3	3-3/8"	0.85 X 70°A	—	AF54YHHSSS	170	B2007	S-8 / B-0	2-3/4"	2,27
L395	ST	F22	2-3/4"	2.00 X 80°A	—	SF44VP	150	—	S-10 / B-3	—	18
L395	ST	F22	2-3/4"	1.35 X 80°A	—	SF44VP	150	—	S-10 / B-3	—	18

(2) "HS" on air tube combination = ceramic heat shield on combustion head.

(18) Model ST burner 220V/50Hz.

(27) Requires Stainless Steel air tube.

(40) Must maintain 0° downward pitch on air tube/flange.

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Thermo Dynamics</b>											
BY100	AF	F6	3-1/2"	1.00 X 80°W	—	AF72WS	100	B3001	S-7 / B-0	4	
BY125	AF	F6	3-3/8"	1.25 X 80°A	—	AF72WN	100	B3001	S-7 / B-0	4	
BY75	AF	F3	3-1/2"	0.75 X 80°B	—	AF72WR	100	B3001	S-7 / B-0	4	
COB110	AF	F3	2-3/4"	1.10 X 80°A	—	AF40XN	100	B3001	S-7 / B-0	1-3/4"	
COB125	AF	F12	2-3/4"	1.25 X 80°A	—	AF40XO	100	B3001	S-7 / B-0	1-3/4"	
COB135	AF	F12	2-3/4"	1.35 X 80°A	—	AF40XO	100	B3001	S-7 / B-0	1-3/4"	
COB150	AF	F12	2-3/4"	1.50 X 80°A	—	AF40XO	100	B3001	S-7 / B-0	1-3/4"	
COB90	AF	F3	2-3/4"	0.90 X 80°A	—	AF40XN	100	B3001	S-7 / B-0	1-3/4"	
VTF1010	AF	F22	2-3/4"	2.00 X 80°A	—	AF40XP	100	B3001	S-10 / B-1	4"	
VTF1450	AF	F22	2-3/4"	2.25 X 80°A	—	AF40XP	100	B3001	S-10 / B-2	4"	
VTF1600	AF	F22	2-3/4"	2.50 X 80°A	—	AF40XP	100	B3001	S-10 / B-3	4"	
VTF510	AF	F3	2-3/4"	1.00 X 80°A	—	AF40XN	100	B3001	S-7 / B-0	4"	
VTF560	AF	F3	2-3/4"	1.10 X 80°A	—	AF40XN	100	B3001	S-7 / B-0	4"	
VTF640	AF	F12	2-3/4"	1.25 X 80°A	—	AF40XO	100	B3001	S-7 / B-0	4"	
VTF720	AF	F12	2-3/4"	1.35 X 80°A	—	AF40XO	100	B3001	S-7 / B-0	4"	
VTF801	AF	F12	2-3/4"	1.50 X 80°A	—	AF40XO	100	B3001	S-7 / B-0	4"	
VTF901	AF	F22	2-3/4"	1.75 X 80°A	—	AF40XP	100	B3001	S-10 / B-0	4"	
CWL100	AFG	F4	3-3/8"	0.85 X 80°B (H)	—	AF44WP	140	B2007	S-4 / B-3	3-1/4"	4,31,45
CWL110	AFG	F6	3-3/8"	1.00 X 80°H	—	AF44YY	140	B2007	S-5 / B-5	3-1/4"	4, 45
CWL85	AFG	F3	3-3/8"	0.75 X 70°B (H)	—	AF44YH	140	B2007	S-3 / B-3	3-1/4"	4,31,45
HT100	AFG	F3	3-1/2"	0.85 X 80°B	—	AF72WR	140	B2007	S-10 / B-2	3-3/4"	4
HT110	AFG	F3	3-1/2"	0.90 X 80°B	—	AF72WR	140	B2007	S-10 / B-3	3-3/4"	4
HT125	AFG	F6	3-1/2"	1.00 X 80°B	—	AF72WS	140	B2007	S-10 / B-2	3-3/4"	4
HT135	AFG	F6	3-1/2"	1.10 X 80°B	—	AF72WS	140	B2007	S-10 / B-4	3-3/4"	4
HT150	AFG	F6	3-1/2"	1.25 X 80°B	—	AF72WS	140	B2007	S-10 / B-6	3-3/4"	4
HT90	AFG	F3	3-1/2"	0.75 X 80°B	—	AF72WR	140	B2007	S-10 / B-0	3-3/4"	4
LM100	AFG	F4	3-1/2"	0.85 X 80°A	—	AF72WP	140	B2007	S-10 / B-1	3-3/4"	4
LM110	AFG	F6	3-1/2"	0.90 X 80°A	—	AF72WS	140	B2007	S-10 / B-2	3-3/4"	4
LM125	AFG	V1	NONE	1.00 X 45°B	5880	AFG50ML	140	B2007	S-10 / B-0	3-3/4"	4
LM135	AFG	V1	NONE	1.10 X 45°B	5880	AFG50ML	140	B2007	S-10 / B-2	3-3/4"	4
LM150	AFG	V1	NONE	1.25 X 45°B	5880	AFG50ML	140	B2007	S-10 / B-3	3-3/4"	4
LM75	AFG	F3	3-1/2"	0.65 X 80°A	5880	AF72ZP	140	B2007	S-10 / B-1	3-3/4"	4
LV75/100	AFG	F3	3-1/2"	0.65 X 80°A	5880	AF72ZPHS	140	B2007	S-10 / B-1	3"	2
S-100	AFG	F3	3-1/2"	0.75 X 80°B	—	AF40WR	140	B2007	S-8 / B-0	1-3/4"	
S-110	AFG	F3	3-1/2"	0.85 X 80°B	—	AF40WR	140	B2007	S-10 / B-0	1-3/4"	
S-125	AFG	F12	3-1/2"	1.00 X 80°A	—	AF40JK	140	B2007	S-10 / B-0	1-3/4"	
S-135	AFG	F12	3-1/2"	1.10 X 80°A	—	AF40JK	140	B2007	S-10 / B-1	1-3/4"	
S-150	AFG	F12	3-1/2"	1.25 X 80°A	—	AF40JK	140	B2007	S-10 / B-2	1-3/4"	
S-85	AFG	F3	3-1/2"	0.65 X 80°B	5880	AF40WR	140	B2007	S-10 / B-0	1-3/4"	
CWL100	AFII 100	AF2-6	# 4	0.90 X 60°B	—	HLX70HB	140	—	5	3-1/4"	15, 31
CWL110	AFII 100	AF2-6	# 5	1.00 X 60°B	—	HLX70HB	140	—	7	3-1/4"	15
CWL85	AFII 100	AF2-6	# 2	0.75 X 45°B	—	HLX70HB	140	—	4	3-1/4"	15
HT100/HT100 DV	AFII 150	AF2-9	# 3	0.85 X 60°B	—	HLX70HC	140	B7210	4	3-3/4"	
HT110/HT110 DV	AFII 150	AF2-9	# 3	0.90 X 60°B	—	HLX70HC	140	B7210	5	3-3/4"	
HT125	AFII 150	AF2-9	# 7	1.00 X 60°B	—	HLX70HC	140	B7210	3	3-3/4"	
HT135	AFII 150	AF2-9	# 7	1.10 X 60°B	—	HLX70HC	140	B7210	4	3-3/4"	
HT150	AFII 150	AF2-9	# 8	1.25 X 60°B	—	HLX70HC	140	B7210	8	3-3/4"	
HT90/HT90 DV	AFII 150	AF2-9	# 3	0.75 X 60°B	—	HLX70HC	140	B7210	3	3-3/4"	



Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Thermo Dynamics (cont'd)</b>											
LM/LMD100	AFII 150	AF2-9	# 0	0.85 X 70°B	—	HLX70HC	140	B7210	4	3-3/4"	
LM/LMD110	AFII 150	AF2-9	# 3	0.90 X 70°B	—	HLX70HC	140	B7210	5	3-3/4"	
LM/LMD75	AFII 150	AF2-9	# 0	0.65 X 70°B	—	HLX70HC	140	B7210	2	3-3/4"	
CBX/TDX 090	NX	9-slot	—	0.70 X 60°B	—	NX70LB	175	B8001	2.5	4"	
CBX/TDX 090DV	NX	9-slot	—	0.70 X 60°B	—	NX90LB	175	B8001	2.75	4"	
CBX/TDX 100	NX	9-slot	—	0.75 X 60°B	—	NX70LB	175	B8001	2.5	4"	
CBX/TDX 100DV	NX	9-slot	—	0.75 X 60°B	—	NX90LB	175	B8001	3.75	4"	
CBX/TDX 110	NX	9-slot	—	0.85 X 60°B	—	NX70LB	175	B8001	3.5	4"	
CBX/TDX 110DV	NX	9-slot	—	0.85 X 60°B	—	NX90LB	175	B8001	2.75	4"	
CWL090 CV-DV	NX	9-slot	—	0.70 X 60°B	—	NX70LB	175	B8001	3.25	3-1/4"	45
CWL100 CV-DV	NX	9-slot	—	0.75 X 60°B	—	NX70LB	175	B8001	3.75	3-1/4"	45
CWL110 CV-DV	NX	9-slot	—	0.85 X 60°B	—	NX70LB	175	B8001	4.25	3-1/4"	45
HT100	NX	9-slot	—	0.75 X 60°B	—	NX70LB	175	B8001	1.5	4"	
HT110	NX	9-slot	—	0.85 X 60°B	—	NX70LB	175	B8001	3	4"	
HT125	NX	9-slot	—	0.90 X 60°B	32229	NX70LD	175	B8001	1.5	3-3/4"	
HT125DV	NX	9-slot	—	0.90 X 60°B	32229	NX70LD	175	B8001	1	3-3/4"	
HT135	NX	9-slot	—	1.00 X 60°B	—	NX70LD	175	B8001	1.5	3-3/4"	
HT150	NX	9-slot	—	1.10 X 60°B	—	NX70LD	175	B8001	2	3-3/4"	
HT90	NX	9-slot	—	0.70 X 60°B	—	NX70LB	175	B8001	1	4"	
LM125	NX	9-slot	—	0.90 X 45°B	—	NX70LD	175	B8001	2	2"	40
LM135	NX	9-slot	—	1.00 X 45°B	—	NX70LD	175	B8001	2	2"	40
LM150	NX	9-slot	—	1.10 X 45°B	—	NX70LD	175	B8001	3	2"	40
LM100 CV-DV	NX	9-slot	—	0.75 X 60°B	—	NX70LBHS	175	B8001	3.5	3-5/8"	40
LM110 CV-DV	NX	9-slot	—	0.85 X 60°B	—	NX70LBHS	175	B8001	4	3-5/8"	2, 40
LM75 CV-DV	NX	9-slot	—	0.60 X 60°B	—	NX70LBHS	175	B8001	2.5	3-5/8"	2, 40
CWL100-DV	AFII100	AF2-6	# 4	0.90 X 60°B (H)	—	HLX70HB	140	—	5	3-1/4"	15, 31
CWL110-DV	AFII100	AF2-6	# 5	1.0 X 60°B	—	HLX70HB	140	—	7	3-1/4"	15
CWL85-DV	AFII100	AF2-6	# 2	0.75 X 45°B	—	HLX70HB	140	—	4	3-1/4"	15
(2) "HS" on air tube combination = ceramic heat shield on combustion head.											
(4) Requires Delay Solenoid Valve.											
(15) Must maintain 6° downward pitch on air tube/flange.											
(31) The (H) in the Nozzle Description denotes a Hago.											
(40) Must maintain 0° downward pitch on air tube/flange.											
(45) Must maintain 4° downward pitch on air tube/flange.											
<b>Thermo Products</b>											
OC11-112	AF	F6	2-3/4"	1.00 X 80°A	—	AF76YBSS	100	B3001	S-7 / B-0	—	27
OC1-80	AF	F3	3-1/2"	0.65 X 80°A	—	AF35ZPHS	100	B3001	S-7 / B-0	—	2
OC5-85	AF	F3	2-3/4"	0.75 X 80°H	—	AF76XNSS	100	B3001	S-7 / B-0	—	27
OH11-105	AF	F3	2-3/4"	0.90 X 80°A	—	AF76XNOS	100	B3001	S-7 / B-0	—	25
H2	AFG	F0	3-3/8"	0.50 X 70°A	5880	AF35BOSS	120	-	-	—	27
L2	AFG	F0	3-3/8"	0.50 X 70°A	5880	AF35BOSS	120	-	-	—	27
OH11-112	AF	F6	2-3/4"	1.00 X 80°A	—	AF76YBSS	100	B3001	S-7 / B-0	—	27
OH16-125	AF	F6	2-3/4"	1.10 X 80°A	—	AF76YBOS	100	B3001	S-7 / B-0	—	25
OH3-72	AF	F3	2-3/4"	0.65 X 80°A	—	AF76XNOS	100	B3001	S-7 / B-0	—	25
OH5-85	AF	F3	2-3/4"	0.75 X 80°A	—	AF76XNOS	100	B3001	S-7 / B-0	—	25
OH5-85	AF	F3	2-3/4"	0.75 X 80°H	—	AF76XNSS	100	B3001	S-7 / B-0	—	27
OH6-89	AFG	L1	3-3/8"	0.70 X 60°A	5880	AFG7OMB	160	B2008	—	—	

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Thermo Products (cont'd)</b>											
OL11-105	AF	F3	2-3/4"	0.90 X 80°A	—	AF76XNOS	100	B3001	S-7 / B-0	—	25
OL11-112	AF	F6	2-3/4"	1.00 X 80°A	—	AF76YBSS	100	B3001	S-7 / B-0	—	27
OL16-125	AF	F6	2-3/4"	1.10 X 80°A	—	AF76YBOS	100	B3001	S-7 / B-0	—	25
OL20-151	AF	F12	2-3/4"	1.35 X 80°B	—	AF76XOOS	100	B3001	S-7 / B-0	—	25
OL21-140	AF	F12	2-3/4"	1.35 X 80°S	—	AF56XOSS	100	B3001	S-7 / B-0	—	27
OL27-160	AF	F22	2-3/4"	1.75 X 80°B	—	AF56XPOS	100	B3001	S-7 / B-0	—	25
OL33-200	AF	F22	2-3/4"	1.75 X 80°B	—	AF56XPOS	100	B3001	S-7 / B-0	—	25
OL37-250	AF	F31	2-3/4"	2.25 X 80°B	—	AF56XVSS	100	B3001	S-7 / B-0	—	27
OL39-320	AF	F31	NONE	2.75 X 80°B	—	AF56XSSS	100	B3001	S-7 / B-0	—	27
OL5-85	AF	F3	2-3/4"	0.75 X 80°A	—	AF76XNOS	100	B3001	S-7 / B-0	—	25
OT11-105	AF	F3	2-3/4"	0.90 X 80°A	—	AF76XNOS	100	B3001	S-7 / B-0	—	25
OT11-112	AF	F6	2-3/4"	1.00 X 80°A	—	AF76YBSS	100	B3001	S-7 / B-0	—	27
OT16-125	AF	F6	2-3/4"	1.10 X 80°A	—	AF76YBOS	100	B3001	S-7 / B-0	—	25
OT5-85	AF	F3	2-3/4"	0.75 X 80°A	—	AF76XNOS	100	B3001	S-7 / B-0	—	25
OC2-56	AFG	F0	3-3/8"	0.50 X 70°A	5880	AF35BOSS	120	B2008	S-5 / B-0	—	27
OH2-56	AFG	F0	3-3/8"	0.50 X 70°A	5880	AF35BOSS	120	B2008	S-5 / B-0	—	27
OH6	AFG	F3	3-5/8"	0.50 X 80°A	5880	AF60BDHSSS	120	B2007	S-3 / B-0	4-1/2"	2, 27
OH6	AFG	F3	3-5/8"	0.60 X 80°A	5880	AF60BDHSSS	120	B2007	S-4 / B-0	4-1/2"	2, 27
OH6	AFG	F3	3-5/8"	0.75 X 80°A	5880	AF60BDHSSS	120	B2007	S-5 / B-0	4-1/2"	2, 27
OL2-56	AFG	F0	3-3/8"	0.50 X 70°A	5880	AF35BOSS	120	B2008	S-5 / B-0	—	27
OMA68	AFG	F3	3-3/8"R	0.65 X 80°B	5880	AF35BN	100	B2008	S-7 / B-0	—	
OPA80	AFG	F3	3-3/8"R	0.75 X 80°A	5880	AF35BNSS	120	B2008	S-7 / B-0	—	3, 6, 27
OPA80	AFG	F3	3-3/8"R	0.60 X 80°A	5880	AF50BNSS	120	B2008	S-6 / B-0	—	6, 27
OPB80	AFG	F3	3-3/8"R	0.60 X 80°A	5880	AF42BNHSSS	120	B2007	S-6 / B-0	—	2, 6, 27
OPB80	AFG	F3	3-3/8"R	0.60 X 80°A	5880	AF44BNHSSS	120	B2007	S-6 / B-0	—	2, 27
VHF-AB	AFG	F3	3-5/8"	0.60 X 80°A	5880	AF60BDHSSS	120	B2007	S-6 / B-0	4-1/2"	2, 13, 27
OH8/OD8	NX	9-slot	—	0.90 X 60°B	—	NX50LBHS	150	B8001	2	4-1/2"	2
OH8/OD8	NX	9-slot	—	1.00 X 60°B	—	NX50LBHS	150	B8001	—	4-1/2"	2
OH8/OD8	NX	9-slot	—	0.75 X 60°B	32229	NX50LBHS	150	B8001	—	4-1/2"	2
(2) "HS" on air tube combination = ceramic heat shield on combustion head.											
(3) Pre/post-purge control must be used.											
(6) Nozzle line heater required.											
(13) Requires blank air band.											
(25) Burner equipped with #31581 refractory sleeve.											
(27) Requires Stainless Steel air tube.											
<b>Thermoflo-Milwaukee</b>											
1104	AF	F6	2-3/4"	1.00 X 80°A	—	AF104YBHSSS	100	B3001	S-6 / B-0	8-3/4"	2, 27
1105	AF	F6	2-3/4"	1.25 X 70°A	—	AF104YBHSSS	100	B3001	S-6 / B-0	8-3/4"	2, 27
1106	AF	F12	2-3/4"	1.50 X 80°A	—	AF104XOSS	100	B3001	S-10 / B-2	9-3/4"	27
1107	AF	F16	2-3/4"	1.75 X 70°A	—	AF104WFSS	100	B3001	S-10 / B-0	9-3/4"	27
CFO-140	AF	F6	2-3/4"	1.00 X 80°A	—	AF104YBHSSS	100	B3001	S-6 / B-0	8-3/4"	2, 27
CFO-175	AF	F6	2-3/4"	1.25 X 80°A	—	AF104YBHSSS	100	B3001	S-6 / B-0	8-3/4"	2, 27
CFO-210	AF	F12	2-3/4"	1.50 X 80°A	—	AF104XOSS	100	B3001	S-10 / B-2	9-3/4"	27
CFO-245	AF	F16	2-3/4"	1.75 X 70°A	—	AF104WFSS	100	B3001	S-10 / B-0	9-3/4"	27
CSO 115	AF	F3	2-3/4"	1.00 X 80°B	—	AF90XN	100	B3001	S-5 / B-0	—	
CSO 150	AF	F3	2-3/4"	1.25 X 80°B	—	AF90XN	100	B3001	S-5 / B-0	—	
CSO 225	AF	F3	2-3/4"	1.75 X 80°B	—	AF90XN	100	B3001	S-5 / B-0	—	
CSO 80	AF	F3	2-3/4"	0.75 X 80°B	—	AF90XN	100	B3001	S-5 / B-0	—	
CSO 95	AF	F3	2-3/4"	0.85 X 80°B	—	AF90XN	100	B3001	S-5 / B-0	—	

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Thermoflo-Milwaukee (cont'd)</b>											
HBO-210	AF	F12	2-3/4"	1.50 X 80°A	—	AF104XOSS	100	B3001	S-10 / B-2	9-3/4"	27
HBO-245	AF	F16	2-3/4"	1.75 X 70°A	—	AF104WFSS	100	B3001	S-10 / B-0	9-3/4"	27
LBO 210	AF	F12	2-3/4"	1.50 X 80°B	—	AF104XOSS	100	B3001	S-10 / B-2	9-3/4"	27
LBO 245	AF	F16	2-3/4"	1.75 X 70°A	—	AF104WFSS	100	B3001	S-10 / B-0	8-3/4"	27
CFO-105	AFG	F6	2-3/4"	0.75 X 80°B	—	AF90YBHSSS	100	B2008	S-6 / B-0	7-3/4"	2, 27
CFO-120	AFG	F6	2-3/4"	0.85 X 80°B	—	AF90YBHSSS	100	B2008	S-6 / B-0	7-3/4"	2, 27
CFO-85	AFG	F3	3-3/8"	0.60 X 80°A	—	AF65YHHSSS	100	B2008	S-7 / B-0	—	2, 27
HBO 105	AFG	F3	3-3/8"	0.75 X 80°B	5880	AF65YHHSSS	100	B2008	S-7 / B-0	—	2, 27
HBO 120	AFG	F3	3-3/8"	0.85 X 80°B	5880	AF65YHHSSS	100	B2008	S-7 / B-0	—	2, 27
HBO 140	AFG	F6	2-3/4"	1.00 X 80°B	—	AF90YBHSSS	100	B2008	S-6 / B-0	7-3/4"	2, 27
HBO 175	AFG	F6	2-3/4"	1.25 X 80°B	—	AF90YBHSSS	100	B2008	S-6 / B-0	7-3/4"	2, 27
HBO 85	AFG	F3	3-3/8"	0.60 X 80°A	5880	AF65YHHSSS	100	B2008	S-7 / B-0	—	2, 27
HBO-10A	AFG	F3	3-3/8"	0.60 X 80°A	—	AF65YHHSSS	100	B2008	S-7 / B-0	—	2, 27
HBO-10A	AFG	F3	3-3/8"	0.75 X 80°B	—	AF65YHHSSS	100	B2008	S-7 / B-0	—	2, 27
HBO-10A	AFG	F3	3-3/8"	0.85 X 80°B	—	AF65YHHSSS	100	B2008	S-7 / B-0	—	2, 27
HBO-12A	AFG	F6	2-3/4"	1.00 X 80°B	—	AF90YBHSSS	100	B2008	S-6 / B-0	7-3/4"	2, 27
HBO-12A	AFG	F6	2-3/4"	1.25 X 80°B	—	AF90YBHSSS	100	B2008	S-6 / B-0	7-3/4"	2, 27
LBO 105	AFG	F3	3-3/8"	0.75 X 80°B	5880	AF65YHHSSS	100	B2008	S-7 / B-0	—	2, 27
LBO 120	AFG	F3	3-3/8"	0.85 X 80°B	5880	AF65YHHSSS	100	B2008	S-7 / B-0	—	2, 27
LBO 140	AFG	F6	2-3/4"	1.00 X 80°B	—	AF90YBHSSS	100	B2008	S-8 / B-0	7-3/4"	2, 27
LBO 175	AFG	F6	2-3/4"	1.25 X 80°B	—	AF90YBHSSS	100	B2008	S-8 / B-0	7-3/4"	2, 27
LBO 85	AFG	F3	3-3/8"	0.60 X 80°A	5880	AF65YHHSSS	100	B2008	S-7 / B-0	—	2, 27
LBO-10A	AFG	F3	3-3/8"	0.60 X 80°A	—	AF65YHHSSS	100	B2008	S-7 / B-0	—	2, 27
LBO-10A	AFG	F3	3-3/8"	0.85 X 80°B	—	AF65YHHSSS	100	B2008	S-7 / B-0	—	2, 27
LBO-10A	AFG	F3	3-3/8"	0.75 X 80°B	—	AF65YHHSSS	100	B2008	S-7 / B-0	—	2, 27
LBO-12A	AFG	F6	2-3/4"	1.25 X 80°B	—	AF90YBHSSS	100	B2008	S-7 / B-0	7-3/4"	2, 27
LBO-12A	AFG	F6	2-3/4"	1.00 X 80°B	—	AF90YBHSSS	100	B2008	S-7 / B-0	—	2, 27
CSO 300	SF	F310	NONE	2.50 X 80°B	—	SF104FT	100	B711	S-7 / B-0	—	
CSO 400	SF	F310	NONE	3.50 X 80°B	—	SF104FT	100	B711	S-7 / B-0	—	
CSO 525	SF	F310	NONE	4.50 X 80°B	—	SF104FT	100	B711	S-7 / B-0	—	
(2) "HS" on air tube combination = ceramic heat shield on combustion head.											
(27) Requires Stainless Steel air tube.											
<b>Trane</b>											
TDF1M087A936-948SAA	AF	F3	2-3/4"	0.60 X 80°A	—	AF57XNSS	130	B3001	—	—	27
TDF1M087A936-948SAA	AF	F3	2-3/4"	1.00 X 80°A	—	AF57XNSS	130	B3001	—	—	27
TDF1M087A936-948SAA	AF	F3	2-3/4"	0.75 X 80°A	—	AF57XNSS	130	B3001	—	—	27
TDF1M087A936-948SAA	AF	F3	2-3/4"	0.85 X 80°A	—	AF57XNSS	130	B3001	—	—	27
TDF1M087A9V3-9V5SAA	AF	F3	2-3/4"	0.85 X 80°A	—	AF57XNSS	130	B3001	—	—	27
TDF1M087A9V3-9V5SAA	AF	F3	2-3/4"	0.60 X 80°A	—	AF57XNSS	130	B3001	—	—	27
TDF1M087A9V3-9V5SAA	AF	F3	2-3/4"	0.75 X 80°A	—	AF57XNSS	130	B3001	—	—	27
TDF1M087A9V3-9V5SAA	AF	F3	2-3/4"	1.00 X 80°A	—	AF57XNSS	130	B3001	—	—	27
THV1M087A936-948SAA	AF	F3	2-3/4"	0.75 X 80°A	—	AF57XNSS	130	B3001	—	—	27
THV1M087A936-948SAA	AF	F3	2-3/4"	0.60 X 80°A	—	AF57XNSS	130	B3001	—	—	27
THV1M087A936-948SAA	AF	F3	2-3/4"	0.85 X 80°A	—	AF57XNSS	130	B3001	—	—	27
THV1M087A936-948SAA	AF	F3	2-3/4"	1.00 X 80°A	—	AF57XNSS	130	B3001	—	—	27
THV1M087A9V3-9V5SAA	AF	F3	2-3/4"	1.00 X 80°A	—	AF57XNSS	130	B3001	—	—	27
THV1M087A9V3-9V5SAA	AF	F3	2-3/4"	0.85 X 80°A	—	AF57XNSS	130	B3001	—	—	27
THV1M087A9V3-9V5SAA	AF	F3	2-3/4"	0.75 X 80°A	—	AF57XNSS	130	B3001	—	—	27
THV1M087A9V3-9V5SAA	AF	F3	2-3/4"	0.60 X 80°A	—	AF57XNSS	130	B3001	—	—	27
TLF1M087A936-948SAA	AF	F3	2-3/4"	0.85 X 80°A	—	AF57XNSS	130	B3001	—	—	27
TLF1M087A936-948SAA	AF	F3	2-3/4"	0.75 X 80°A	—	AF57XNSS	130	B3001	—	—	27

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Trane (cont'd)</b>											
TLF1M087A936-948SAA	AF	F3	2-3/4"	1.00 X 80°A	—	AF57XNSS	130	B3001	—	—	27
TLF1M087A936-948SAA	AF	F3	2-3/4"	0.60 X 80°A	—	AF57XNSS	130	B3001	—	—	27
TLF1M087A9V3-9V5SAA	AF	F3	2-3/4"	0.85 X 80°A	—	AF57XNSS	130	B3001	—	—	27
TLF1M087A9V3-9V5SAA	AF	F3	2-3/4"	0.75 X 80°A	—	AF57XNSS	130	B3001	—	—	27
TLF1M087A9V3-9V5SAA	AF	F3	2-3/4"	0.60 X 80°A	—	AF57XNSS	130	B3001	—	—	27
TLF1M087A9V3-9V5SAA	AF	F3	2-3/4"	1.00 X 80°A	—	AF57XNSS	130	B3001	—	—	27
TLR1M0870936-948SAA	AF	F3	2-3/4"	0.60 X 80°A	—	AF57XNSS	130	B3001	—	—	27
TLR1M08709V3-9V5SAA	AF	F3	2-3/4"	0.60 X 80°A	—	AF57XNSS	130	B3001	—	—	27
TLR1M087A936-948SAA	AF	F3	2-3/4"	1.00 X 80°A	—	AF57XNSS	130	B3001	—	—	27
TLR1M087A936-948SAA	AF	F3	2-3/4"	0.75 X 80°A	—	AF57XNSS	130	B3001	—	—	27
TLR1M087A936-948SAA	AF	F3	2-3/4"	0.85 X 80°A	—	AF57XNSS	130	B3001	—	—	27
TLR1M087A9V3-9V5SAA	AF	F3	2-3/4"	1.00 X 80°A	—	AF57XNSS	130	B3001	—	—	27
TLR1M087A9V3-9V5SAA	AF	F3	2-3/4"	0.75 X 80°A	—	AF57XNSS	130	B3001	—	—	27
TLR1M087A9V3-9V5SAA	AF	F3	2-3/4"	0.85 X 80°A	—	AF57XNSS	130	B3001	—	—	27
TCU055A936B	AFG	F3	3-3/8"	0.50 X 80°S	5880	AF47YHFS	100	B2007	S-7 / B-0	—	1
TCU055B936B	AFG	F3	3-3/8"	0.50 X 70°H	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
TCU085A936B	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
TCU085B936B	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
TCU100A948B	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
TCU100B948B	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
TCU125A960B	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	S-7 / B-0	—	1
TCU125B960B	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	S-7 / B-0	—	1
TDF085A936B	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
TDF112A948B	AFG	F3	3-3/8"	1.00 X 70°H	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
TLB085A936B	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
TLB085B936B	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
TLB100A948B	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
TLB100B948B	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
TLB125A960B	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	S-7 / B-0	—	1
TLB125B960B	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	S-7 / B-0	—	1
TUH175B960B	AFG	F12	2-3/4"	1.50 X 70°S	—	AF67XOFS	100	B2008	S-7 / B-0	—	1
(1) "FS" on air tube combination = fiber heat shield on combustion head.											
(27) Requires Stainless Steel air tube.											
<b>Trianco, Inc. / Laars, Inc.</b>											
DBC 100	AF	F3	3-3/8"	0.85 X 70°A	—	AF54YHSS	100	B3001	S-7 / B-0	2-3/8"	27
DBC 115	AF	F3	3-3/8"	1.00 X 70°A	—	AF54YHSS	100	B3001	S-7 / B-0	2-3/8"	27
DBC 125	AF	F6	2-3/4"	1.10 X 70°A	—	AF54YBSS	100	B3001	S-7 / B-0	2-3/8"	27
DBC 140	AF	F6	2-3/4"	1.25 X 70°A	—	AF54YBSS	100	B3001	S-7 / B-0	2-3/8"	27
DBC 155	AF	F6	2-3/4"	1.35 X 70°A	—	AF54YBSS	100	B3001	S-7 / B-0	2-3/8"	27
DBC 175	AF	F16	2-3/4"	1.50 X 70°A	—	AF54YLSS	100	B3001	S-7 / B-0	2-3/8"	27
DBC 200	AF	F16	2-3/4"	1.75 X 70°A	—	AF54YLSS	100	B3001	S-7 / B-0	2-3/8"	27
DBC 85	AF	F3	3-3/8"	0.75 X 70°A	—	AF54YHSS	100	B3001	S-7 / B-0	2-3/8"	27
HO125	AF	F3	2-3/4"	1.10 X 70°A	—	AF62XN	100	B3001	S-7 / B-0	2-3/8"	
TLM100	AF	F3	3-3/8"	0.85 X 70°A	—	AF54YHSS	100	B3001	S-7 / B-0	2-3/8"	27
TLM115	AF	F3	3-3/8"	1.00 X 70°A	—	AF54YHSS	100	B3001	S-7 / B-0	2-3/8"	27
TLM90	AF	F3	3-3/8"	0.75 X 70°A	—	AF54YHSS	100	B3001	S-7 / B-0	2-3/8"	27
TM125	AF	F6	2-3/4"	1.10 X 70°A	—	AF54YBSS	100	B3001	S-7 / B-0	2-3/8"	27
DMAX 140	AFG	V1-2	NONE	1.20 X 60°B (H)	—	AFG70MLAS	140	B2008	S-5 / B-3	4"	31, 40

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Trianco, Inc. / Laars, Inc. (cont'd)</b>											
HC100	AFG	F3	3-5/8"	0.75 X 70°A	—	AF54WA	140	B2007	S-10 / B-0	3-3/4"	
HC125	AFG	F3	3-5/8"	0.90 X 80°B	—	AF54WA	140	B2007	S-10 / B-0	3-3/4"	
HC145	AFG	F6	2-3/4"	1.10 X 80°B	—	AF54YB	140	B2007	—	3-3/4"	
HC175	AFG	F6	2-3/4"	1.25 X 80°B	—	AF54YB	140	B2007	—	3-3/4"	
HC205	AFG	F16	2-3/4"	1.50 X 80°A	—	AF54WF	140	B2007	—	—	
HC240	AFG	F16	2-3/4"	1.75 X 80°B	—	AF54WF	140	B2007	—	—	
HC270	AFG	F22	2-3/4"	2.00 X 80°B	—	AF54XP	140	B2007	—	—	
HC300	AFG	F22	2-3/4"	2.25 X 80°B	—	AF54XP	140	B2007	—	—	
HO100	AFG	F3	3-5/8"	0.75 X 80°A	—	AF54WA	140	B2007	—	—	
HO145	AFG	F6	2-3/4"	1.10 X 80°B	—	AF54YB	140	B2007	—	—	
HO175	AFG	F6	2-3/4"	1.25 X 80°B	—	AF54YB	140	B2007	—	—	
HO205	AFG	F16	2-3/4"	1.50 X 80°A	—	AF54WF	140	B2007	—	—	
HO240	AFG	F16	2-3/4"	1.75 X 80°A	—	AF54WF	140	B2007	—	—	
HO270	AFG	F22	2-3/4"	2.00 X 80°A	—	AF54XP	140	B2007	—	—	
HO300	AFG	F22	2-3/4"	2.25 X 80°A	—	AF54XP	140	B2007	—	—	
MAX 140	AFG	V1-2	NONE	1.20 X 60°B (H)	—	AFG70MLAS	140	B2008	S-12 / B-0	4"	31, 40
Newport 100	AFG	F3	3-3/8"	1.00 X 80°A	—	AF54YHHSSS	100	B2007	8/0	2-3/4"	2, 27
Newport 110	AFG	F3	3-3/8"	1.10 X 70°A	—	AF54YHHSSS	100	B2007	10/0	2-3/4"	2, 27
Newport 125	AFG	F6	3-3/8"	1.25 X 80°A	—	AF54YYHSSS	100	B2007	10/0	2-3/4"	2, 27
Newport 135	AFG	F6	3-3/8"	1.35 X 80°A	—	AF54YYHSSS	100	B2007	10/0.5	2-3/4"	2, 27
Newport 150	AFG	F6	3-3/8"	1.50 X 80°A	—	AF54YYHSSS	100	B2007	10/2	2-3/4"	2, 27
Newport 75	AFG	F3	3-3/8"	0.75 X 70°A	5880	AF54YHHSSS	100	B2007	7/0	2-3/4"	2, 27
Newport 85	AFG	F3	3-3/8"	0.85 X 70°A	—	AF54YHHSSS	100	B2007	6/0	2-3/4"	2, 27
SR100	AFG	F3	3-5/8"	0.75 X 70°A	—	AF54WA	140	B2007	—	—	
SR125	AFG	F3	3-5/8"	0.90 X 80°B	—	AF54WA	140	B2007	—	—	
SR145	AFG	F6	2-3/4"	1.10 X 80°B	—	AF54YB	140	B2007	—	—	
SR175	AFG	F6	2-3/4"	1.25 X 80°B	—	AF54YB	140	B2007	—	—	
SR205	AFG	F16	2-3/4"	1.50 X 80°A	—	AF54WF	140	B2007	—	—	
SR240	AFG	F16	2-3/4"	1.75 X 80°A	—	AF54WF	140	B2007	—	—	
SR270	AFG	F22	2-3/4"	2.00 X 80°A	—	AF54XP	140	B2007	—	—	
SR300	AFG	F22	2-3/4"	2.25 X 80°A	—	AF54XP	140	B2007	—	—	
TOC120	AFG	F3	3-5/8"	0.85 X 80°A	—	AF54WA	140	B2007	—	—	
TOC148	AFG	F4	3-3/8"	1.10 X 80°A	—	AF54WP	140	B2007	—	—	
TOC166	AFG	F4	3-3/8"	1.25 X 80°A	—	AF54WP	140	B2007	—	—	
TOC203	AFG	F6	3-3/8"	1.35 X 80°B	—	AF54YY	140	B2007	—	—	
TOC95	AFG	F3	3-5/8"	0.75 X 80°A	—	AF54WA	140	B2007	S-7 / B-0	—	
TRO113	AFG	F6	3-3/8"	0.85 X 80°A	—	AF54YY	140	B2007	—	—	
TRO136	AFG	F6	3-3/8"	1.10 X 80°A	—	AF54YY	140	B2007	—	—	
TRO162	AFG	F6	3-3/8"	1.25 X 80°A	—	AF54YY	140	B2007	—	—	
TRO194	AFG	F12	2-3/4"	1.50 X 80°A	—	AF54XO	140	B2007	—	—	
TRO94	AFG	F3	3-3/8"	0.75 X 80°A	—	AF54YH	140	B2007	—	—	
DMAX 100	AFII 150	AFII-9	# 4	0.85 X 60°AS	—	HLX50HE	140	B7210	4	3-3/4"	3
DMAX 120	AFII 150	AFII-9	# 6	1.00 X 60°AS	—	HLX50HE	140	B7210	5	3-3/4"	3
DMAX 75	AFII 150	AFII-9	# 1	0.65 X 70°AS	—	HLX50HE	140	B7210	3	3-3/4"	3
HC100	AFII 150	AF2-6	# 6	0.75 X 45°B	—	HLX70HB	140	B7203	2	4"	
HC125	AFII 150	AF2-6	# 7	0.90 X 45°B	—	HLX70HB	140	B7203	3	4"	
HC145	AFII 150	AF2-6	# 4	1.00 X 60°B	—	HLX70HB	140	B7203	4	4"	
HC175	AFII 150	AF2-6	# 8	1.25 X 60°B	—	HLX70HB	140	B7203	5	—	

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Trianco, Inc. / Laars, Inc. (cont'd)</b>											
MAX 100	AFII 150	AFII-9	# 4	0.85 X 60°AS	—	HLX50HE	140	B7203	4	3-1/2"	
MAX 120	AFII 150	AFII-9	# 6	1.00 X 60°AS	—	HLX50HE	140	B7203	4	3-3/4"	
MAX 75	AFII 150	AFII-9	# 1	0.65 X 70°AS	—	HLX50HE	140	B7203	3	3-3/4"	
DMAX 165	CF375	V1-1	—	1.35 X 45°B (H)	—	CF56KY	140	BCF3907	S-7 / B-0	3-3/4"	31
MAX 165	CF375	V1-1	—	1.35 X 45°B (H)	—	CF56KY	140	BCF3907	S-7 / B-0	3-3/4"	31
(2) "HS" on air tube combination = ceramic heat shield on combustion head.											
(3) Pre/post-purge control must be used.											
(27) Requires Stainless Steel air tube.											
(31) The (H) in the Nozzle Description denotes a Hago.											
(40) Must maintain 0° downward pitch on air tube/flange.											
<b>Triangle Tube</b>											
HM 80	AFG	F6	2-3/4"	1.35 X 80°B	—	AF65YB	100	B2007	S-8 / B-0	3-1/2"	19
HMBURZ8	AFG	L1	3-3/8"	0.50 X 60°B	—	AFG50MB	200	B2007	—	2-3/4"	
DLT F-25	AFG	L1	3-3/8"	0.50 X 60°B	—	AFG50MB	200	B2007	S-5 / B-0	2-3/4"	19
DLT F-30	AFII 100	AF2-6	# 4	0.65 X 45°AS	—	HLX70HD	175	—	6	3-1/8"	15
DLT F-35	AFII 100	AF2-6	# 5	0.75 X 45°AS	—	HLX70HD	175	—	6	3-1/8"	15
DLT F-40	AFII 150	AF2-9	# 4	1.10 X 60°B	—	HLX50HC	125	B7203	5	—	
DLT F-45	AFII 150	AF2-9	# 8	1.35 X 45°B	—	HLX50HC	125	B7203	6	—	
HM 40	AFII 150	AF2-9	# 4	1.10 X 60°B	—	HLX50HC	125	B7203	5	2"	45
HM 45	AFII 150	AF2-9	# 8	1.35 X 45°B	—	HLX50HC	125	B7203	6	2"	45
HM 100	CF375	SL1-2	—	2.25 X 45°P (H)	—	CF56KZ	100	—	S-10 / B-5	2"	31,40
HM 90	CF375	SL1-0	—	1.75 X 45°B (H)	—	CF56KZ	100	—	S-10 / B-5	2"	31,40
F-25 CV	NX	6-slot	—	0.50 X 60°B (H)	32229	NX70LC	175	B8001	2	2"	15,31
F-25 DV	NX	6-slot	—	0.50 X 60°B (H)	32229	NX70LC	175	B8001	2	2"	3,15,31
F-30 CV	NX	6-slot	—	0.65 X 60°B (H)	32229	NX70LC	175	B8001	2.5	2"	15,31
F-30 DV	NX	6-slot	—	0.65 X 60°B (H)	32229	NX70LC	175	B8001	2.5	2"	3,15,31
F-35 CV	NX	9-slot	—	0.75 X 60°B (H)	—	NX70LB	175	B8001	3.25	2"	15,31
F-35 DV	NX	9-slot	—	0.75 X 60°B (H)	—	NX70LB	175	B8001	3.25	2"	3,15,31
HM 100	SMG	SV1-2	—	2.25 X 45°P	—	SMG82NR	150	B1406	S-5 / B-0	3-3/4"	
HM 60	SMG	SV1-5	—	1.65 X 60°B	—	SMG82NR	150	B1406	S-2 / B-0	2"	
HM 90	SMG	SV1-5	—	1.75 X 45°ES	—	SMG82NR	150	B1406	S-2 / B-0	3-3/4"	
(3) Pre/post-purge control must be used.											
(15) Must maintain 6° downward pitch on air tube/flange.											
(19) Requires gasket #31802.											
(31) The (H) in the Nozzle Description denotes a Hago.											
(40) Must maintain 0° downward pitch on air tube/flange.											
(45) Must maintain 4° downward pitch on air tube/flange.											
<b>Ultimate Eng.</b>											
K3T	0.50-0.75	AF	F0	2-3/4"	0.50-0.75 X 70°A	—	AF44XZT	100	B3001	—	—
K3T	0.75-1.00	AF	F3	2-3/4"	0.75-1.00 X 70°A	—	AF44XN	100	B3001	—	—
K4	0.65-0.75	AF	F0	2-3/4"	0.65-0.75 X 80°A	—	AF44XZT	100	B3001	—	—
K4	0.75-1.00	AF	F3	2-3/4"	0.75-1.00 X 80°A	—	AF44XN	100	B3001	—	—
K4	1.00-1.10	AF	F6	2-3/4"	1.00-1.10 X 80°A	—	AF44YB	100	B3001	—	—
K4T	0.50-0.75	AF	F0	2-3/4"	0.50-0.75 X 80°A	—	AF44XZT	100	B3001	—	—
K4T	0.75-1.00	AF	F3	2-3/4"	0.75-1.00 X 80°A	—	AF44XN	100	B3001	—	—
K4T	1.00-1.10	AF	F6	2-3/4"	1.00-1.10 X 80°A	—	AF44YB	100	B3001	—	—
K5	0.60-0.75	AF	F0	2-3/4"	0.60-0.75 X 80°A	—	AF44XZT	100	B3001	—	—
K5	0.75-1.00	AF	F3	2-3/4"	0.75-1.00 X 80°A	—	AF44XN	100	B3001	—	—
K5	1.00-1.20	AF	F6	2-3/4"	1.00-1.20 X 80°A	—	AF44YB	100	B3001	—	—
K5	1.20-1.30	AF	F12	2-3/4"	1.20-1.30 X 80°A	—	AF44XO	100	B3001	—	—
K5T	0.50-0.75	AF	F0	2-3/4"	0.50-0.75 X 80°A	—	AF44XZT	100	B3001	—	—

Appliance Model	Basic Burner Setup Information								Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth		
<b>Ultimate Eng. (cont'd)</b>												
K5T	0.75-1.00	AF	F3	2-3/4"	0.75-1.00 X 80°A	—	AF44XN	100	B3001	—	—	
K5T	1.00-1.20	AF	F6	2-3/4"	1.00-1.20 X 80°A	—	AF44YB	100	B3001	—	—	
K5T	1.20-1.50	AF	F12	2-3/4"	1.20-1.50 X 80°A	—	AF44XO	100	B3001	—	—	
K6T	0.75-1.00	AF	F3	2-3/4"	0.75-1.00 X 70°A	—	AF44XN	100	B3001	—	—	
K6T	1.00-1.20	AF	F6	2-3/4"	1.00-1.20 X 70°A	—	AF44YB	100	B3001	—	—	
K6T	1.20-1.50	AF	F12	2-3/4"	1.20-1.50 X 70°A	—	AF44XO	100	B3001	—	—	
K6T	1.50-1.65	AF	F22	2-3/4"	1.50-1.65 X 70°A	—	AF44XP	100	B3001	—	—	
K7	0.85-1.00	AF	F3	2-3/4"	0.85-1.00 X 70°A	—	AF44XN	100	B3001	—	—	
K7	1.00-1.20	AF	F6	2-3/4"	1.00-1.20 X 70°A	—	AF44YB	100	B3001	—	—	
K7	1.20-1.50	AF	F12	2-3/4"	1.20-1.50 X 70°A	—	AF44XO	100	B3001	—	—	
K7	1.50-1.75	AF	F22	2-3/4"	1.50-1.75 X 70°A	—	AF44XP	100	B3001	—	—	
K7	1.75-1.90	AF	F22	2-3/4"	1.75-1.90 X 70°A	—	AF44XP	100	B3001	—	—	
K8T	1.00-1.20	AF	F6	2-3/4"	1.00-1.20 X 70°A	—	AF44YB	100	B3001	—	—	
K8T	1.20-1.50	AF	F12	2-3/4"	1.20-1.50 X 70°A	—	AF44XO	100	B3001	—	—	
K8T	1.50-1.75	AF	F22	2-3/4"	1.50-1.75 X 60°A	—	AF44XP	100	B3001	—	—	
K8T	1.75-2.25	AF	F22	2-3/4"	1.75-2.25 X 60°A	—	AF44XP	100	B3001	—	—	
K9	1.10-1.20	AF	F6	2-3/4"	1.10-1.20 X 70°A	—	AF44YB	100	B3001	—	—	
K9	1.20-1.50	AF	F12	2-3/4"	1.20-1.50 X 70°A	—	AF44XO	100	B3001	—	—	
K9	1.50-1.75	AF	F22	2-3/4"	1.50-1.75 X 60°A	—	AF44XP	100	B3001	—	—	
K9	1.75-2.50	AF	F22	2-3/4"	1.75-2.50 X 60°A	—	AF44XP	100	B3001	—	—	
K-950		AFG	F12	2-3/4"	1.75 X 70°S	—	AF56XO	100	B2007	—	—	
PFO-4	0.65	AFG	F0	2-3/4"	0.60 X 80°A	5880	AF65XZT	140	B2007	—	—	
PFO-4	0.90	AFG	F3	2-3/4"	0.75 X 80°A	—	AF65XN	140	B2007	—	—	
PFO-4	1.35	AFG	F6	2-3/4"	1.20 X 80°B	—	AF65YB	140	B2007	—	—	
PFO-5	0.75	AFG	F3	2-3/4"	0.65 X 80°A	5880	AF65XN	140	B2007	—	—	
PFO-5	1.10	AFG	F6	2-3/4"	1.00 X 80°A	—	AF65YB	140	B2007	—	—	
PFO-5	1.70	AFG	F12	2-3/4"	1.50 X 80°A	—	AF65XO	140	B2007	—	—	
PFO-6T	1.10-1.50	AFG	F6	2-3/4"	1.10-1.50 X 70°A	—	AF44YB	100	B2007	—	—	
PFO-6T	1.75-2.00	AFG	F22	2-3/4"	1.75-2.00 X 70°A	—	AF44XP	100	B2007	—	—	
PFO-7	1.00	AFG	F3	2-3/4"	0.90 X 80°B	—	AF65XN	140	B2007	—	—	
PFO-7	1.60	AFG	F6	2-3/4"	1.35 X 80°B	—	AF65YB	140	B2007	—	—	
PFO-7	1.50-1.75	AFG	F12	2-3/4"	1.50-1.75 X 70°A	—	AF44XO	100	B2007	—	—	
PFO-7	1.75-2.00	AFG	F22	2-3/4"	1.75-2.00 X 70°A	—	AF44XP	100	B2007	—	—	
PFO-8T	1.50-1.75	AFG	F12	2-3/4"	1.50-1.75 X 70°A	—	AF44XO	100	B2007	—	—	
PFO-9	1.35	AFG	F6	2-3/4"	1.20 X 70°A	—	AF65YB	140	B2007	—	—	
PFO-9	2.00	AFG	F22	2-3/4"	1.75 X 60°B	—	AF44XP	140	B2007	—	—	
PFO-9	1.50-1.75	AFG	F12	2-3/4"	1.50-1.75 X 70°A	—	AF44XO	100	B2007	—	—	
PFO-3		AFG	F0	2-3/4"	0.60 X 80°A	5880	AF65XZT	140	B2007	—	—	
PFO-3		AFG	F3	2-3/4"	0.75 X 80°B	—	AF65XN	140	B2007	—	—	
PFO-3		AFG	F0	2-3/4"	0.65 X 70°A	—	AF65XZT	140	B2007	—	—	
PFO-3	FDVS 0.65	AFG	F0	2-3/4"	0.60 X 80°A	5880	AF65XZT	140	B2007	—	4-1/2"	
PFO-3	FDVS 0.75	AFG	F0	2-3/4"	0.65 X 70°A	—	AF65XZT	140	B2007	—	4-1/2"	
PFO-3	FDVS 0.90	AFG	F3	2-3/4"	0.75 X 80°B	—	AF65XN	140	B2007	—	4-1/2"	
PFO-3T	0.65	AFG	F0	2-3/4"	0.60 X 80°A	5880	AF65XZT	140	B2007	—	—	
PFO-3T	0.85	AFG	F3	2-3/4"	0.75 X 80°A	—	AF65XN	140	B2007	—	—	
PFO-3T	1.10	AFG	F3	2-3/4"	0.90 X 80°B	—	AF65XN	140	B2007	—	—	
PFO-3T	FDVS 0.65	AFG	F0	2-3/4"	0.60 X 80°A	5880	AF65XZT	140	B2007	—	4-1/2"	

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Ultimate Eng. (cont'd)</b>											
PFO-3T FDVS 0.85	AFG	F3	2-3/4"	0.60 X 80°A	—	AF65XN	140	B2007	—	4-1/2"	
PFO-3T FDVS 1.10	AFG	F3	2-3/4"	0.90 X 80°B	—	AF65XN	140	B2007	—	4-1/2"	
PFO-4 FDVS 0.65	AFG	F0	2-3/4"	0.60 X 80°A	5880	AF65XZT	140	B2007	—	4-1/2"	
PFO-4 FDVS 1.00	AFG	F3	2-3/4"	0.75 X 80°A	—	AF65XN	140	B2007	—	4-1/2"	
PFO-4 FDVS 1.35	AFG	F6	2-3/4"	1.20 X 80°B	—	AF65XYB	140	B2007	—	4-1/2"	
PFO-4T 0.65	AFG	F0	2-3/4"	0.60 X 80°B	5880	AF65XZT	140	B2007	—	—	
PFO-4T 1.00	AFG	F3	2-3/4"	0.85 X 80°B	—	AF65XN	140	B2007	—	—	
PFO-4T 1.45	AFG	F6	2-3/4"	1.25 X 80°A	—	AF65YB	140	B2007	—	—	
PFO-4T FDVS 0.65	AFG	F0	2-3/4"	0.60 X 80°A	5880	AF65XZT	140	B2007	—	4-1/2"	
PFO-4T FDVS 0.95	AFG	F3	2-3/4"	0.85 X 80°B	—	AF65XN	140	B2007	—	4-1/2"	
PFO-4T FDVS 1.45	AFG	F6	2-3/4"	1.25 X 80°B	—	AF65XYB	140	B2007	—	4-1/2"	
PFO-5 FDVS 0.75	AFG	F3	2-3/4"	0.65 X 80°A	5880	AF65XN	140	B2007	—	4-1/2"	
PFO-5 FDVS 1.10	AFG	F6	2-3/4"	1.00 X 80°A	—	AF65YB	140	B2007	—	4-1/2"	
PFO-5 FDVS 1.70	AFG	F12	2-3/4"	1.50 X 80°A	—	AF65XO	140	B2007	—	4-1/2"	
PFO-5T 0.80	AFG	F3	2-3/4"	0.65 X 70°A	5880	AF65XN	140	B2007	—	—	
PFO-5T 1.20	AFG	F6	2-3/4"	1.00 X 70°A	—	AF65YB	140	B2007	—	—	
PFO-5T 1.75	AFG	F12	2-3/4"	1.50 X 70°A	—	AF65XO	140	B2007	—	—	
PFO-5T FDVS 0.80	AFG	F3	2-3/4"	0.65 X 70°A	5880	AF65XN	140	B2007	—	4-1/2"	
PFO-5T FDVS 1.20	AFG	F6	2-3/4"	1.00 X 70°A	—	AF65YB	140	B2007	—	4-1/2"	
PFO-5T FDVS 1.75	AFG	F12	2-3/4"	1.50 X 70°A	—	AF65XO	140	B2007	—	4-1/2"	
PFO-6T 0.95	AFG	F3	2-3/4"	0.85 X 80°B	—	AF65XN	140	B2007	—	—	
PFO-6T 1.45	AFG	F6	2-3/4"	1.20 X 80°B	—	AF65XO	140	B2007	—	—	
PFO-6T FDVS 0.95	AFG	F3	2-3/4"	0.85 X 80°B	—	AF65XN	140	B2007	—	4-1/2"	
PFO-6T FDVS 1.45	AFG	F6	2-3/4"	1.20 X 80°B	—	AF65YB	140	B2007	—	4-1/2"	
PFO-6T FDVS1.00	AFG	F3	2-3/4"	0.90 X 80°B	—	AF65XN	140	B2007	—	4-1/2"	
PFO-6T FDVS 1.60	AFG	F12	2-3/4"	1.35 X 80°B	—	AF65XO	140	B2007	—	4-1/2"	
PFO-8T 1.25	AFG	F6	2-3/4"	1.00 X 70°A	—	AF65YB	140	B2007	—	—	
PFO-8T FDVS 1.25	AFG	F6	2-3/4"	1.00 X 70°A	—	AF65YB	140	B2007	—	4-1/2"	
PFO-9 FDVS 1.35	AFG	F6	2-3/4"	1.20 X 70°A	—	AF65YB	140	B2007	—	4-1/2"	
PFO-6T FDVS 2.10	CF375	SL1-0	—	1.75 X45°B	—	CF56KZ	140	BCF3907	—	4"	
PFO-7T FDVS 2.35	CF375	SL1-0	—	2.00 X45°B	—	CF56KZ	140	BCF3907	—	4"	
PFO-8T FDVS 1.90	CF375	V1-1	—	1.50 X45°B	—	CF56KZ	140	BCF3907	—	4"	
PFO-8T FDVS 2.75	CF375	SL1-1	—	2.25 X45°B	—	CF56KZ	140	BCF3907	—	4"	
PFO-9 FDVS 2.00	CF375	SL1-0	—	1.65 X45°B	—	CF56KZ	140	BCF3907	—	4"	
PFO-9 FDVS 3.00	CF375	SL1-3	—	2.50 X45°B	—	CF56KZ	140	BCF3907	—	4"	
PFO-7 2.00-2.35	SMG	SV1-1	NONE	2.00 X 70°B	—	SMG60NR	140	—	—	—	
PFO-9 3.00	SMG	SV1-4	NONE	2.50 X 60°B	—	SMG60NR	140	—	—	—	
PFO-6T 2.10	SMG	SV1-1	NONE	1.75 X 70°B	—	SMG60NR	140	—	—	—	
PFO-8T 1.90	SMG	SV1-1	NONE	1.65 X 60°B	—	SMG60NR	140	—	—	—	
PFO-8T 2.75	SMG	SV1-1	NONE	2.50 X 60°B	5880	SMG60NR	140	—	—	—	
<b>Unitary Products</b>											
XEFO120F190	AFG	F12	2-3/4"	1.35 X 70°H	—	AF67XOHS	100	B2008	S-10 / B-1	—	2
XEFO120F250	AFG	F12	2-3/4"	1.75 X 70°H	—	AF67XOHS	100	B2008	S-10 / B-1	—	2

(2) "HS" on air tube combination = ceramic heat shield on combustion head.



Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Utica Boiler</b>											
ACE/OU300,400	AF	F4	2-3/4"	1.00 X 80°H	—	AF53WH	100	B3001	S-6 / B-0	2"	
ACE/OU500	AF	F12	2-3/4"	1.65 X 80°H	—	AF53XO	100	B3001	S-9 / B-0	2"	
ACE/OU600	AF	F22	3-3/8"	2.00 X 80°H	—	AF53WJ	100	B3001	S-10 / B-2	2"	
BC-3W	AF	F3	2-3/4"	0.85 X 80°B	—	AF65XN	140	B3001	S-7 / B-0	5"	
BC-4W	AF	F6	2-3/4"	1.25 X 80°B	—	AF65YB	140	B3001	S-7 / B-0	5"	
POBT3	AF	F3	2-3/4"	1.10 X 80°S	—	AF65XN	100	B3001	S-10 / B-0	5-3/8"	
POBT4	AF	F6	2-3/4"	1.35 X 80°S	—	AF65YB	100	B3001	S-10 / B-0	5-3/8"	
POBT5,6	AF	F12	2-3/4"	1.65 X 80°S	—	AF65XO	100	B3001	S-10 / B-0	5-3/8"	
POBT5,6	AF	F12	2-3/4"	2.00 X 80°S	—	AF65XO	100	B3001	S-10 / B-0	5-3/8"	
BC3095	AF	F3	2-3/4"	0.85 X 80°B	—	AF65NX	140	B2007	S-6 / B-0	5"	
BC4100	AF	F3	2-3/4"	0.85 X 80°B	—	AF65NX	140	B2007	S-7 / B-0	5"	
SF3	AFG	F0	2-3/4"	0.60 X 80°B	—	AF72XZT	140	B2007	S-7 / B-0	2-1/4"	
SF3	AFG	F3	3-3/8"	0.85 X 80°B	—	AF72YH	140	B2007	S-7 / B-0	2-1/4"	
SF3100	AFG	F3	2-3/4"	1.00 X 80°S	—	AF35XN	100	B2007	S-8 / B-0	1-1/2"	
SF365	AFG	F0	3-5/8"	0.65 X 80°S	—	AF35YL	100	B2007	S-5 / B-0	1-1/2"	
SF4	AFG	F4	2-3/4"	1.10 X 80°B	—	AF72WH	140	B2007	S-5 / B-1	2-1/4"	
SF4	AFG	F6	2-3/4"	1.25 X 80°B	—	AF72YB	140	B2007	S-6 / B-2	2-1/4"	
SF4100	AFG	F3	2-3/4"	1.00 X 80°S	—	AF35XN	100	B2007	S-8 / B-0	1-1/2"	
SF4125	AFG	F4	2-3/4"	1.25 X 80°S	—	AF35WH	100	B2007	S-9 / B-0	1-1/2"	
SF4150	AFG	F6	2-3/4"	1.50 X 80°S	—	AF35YB	100	B2007	S-10 / B-1	1-1/2"	
SF5	AFG	F12	3"	1.50 X 80°B	—	AF72BP	140	B2007	S-10 / B-1	2-1/4"	
SF5125	AFG	F4	2-3/4"	1.25 X 80°S	—	AF35WH	100	B2007	S-9 / B-0	1-1/2"	
SF5175	AFG	F16	2-3/4"	1.75 X 80°H	—	AF35WF	100	B2007	S-10 / B-2	1-1/2"	
SF5200	AFG	F16	2-3/4"	2.00 X 80°H	—	AF35WF	100	B2007	S-10 / B-2	1-1/2"	
SF6150	AFG	F6	2-3/4"	1.50 X 80°S	—	AF35YB	100	B2007	S-10 / B-1	1-1/2"	
SFE3090	AFG	L1	2-3/8"	0.75 X 60°B	—	AFG70MBAS	150	B2007	S-3 / B-1	2-1/4"	
SFH/SFE4125	AFG	V1-1	2-3/4"	1.10 X 60°B	—	AFG70MDAS	140	B2007	S-8 / B-1	2-1/4"	
SFH/SFE5185	AFG	F12	2-3/4"	1.50 X 70°B	—	AF72XO	150	B2007	S-10 / B-2	2-1/4"	
SFH/SFE6120	AFG	F16	NONE	1.75 X 70°B	—	AF72WK	145	B2007	S-10 / B-2	2-1/4"	
SFH3085	AFG	L1	2-3/4"	0.75 X 60°B	—	AFG70MBAS	140	B2007	S-8 / B-0	2-1/4"	
SFH3100	AFG	F3	3-3/8"	0.85 X 80°B	—	AF72YH	140	B2007	S-5 / B-1	2-1/4"	
SFH3100	AFG	L1	3-3/8"	0.85 X 60°B	—	AFG70MBAS	140	B2007	S-10 / B-1	2-1/4"	
SFH365	AFG	F0	2-3/4"	0.60 X 80°B	—	AF72XZT	140	B2007	S-7 / B-0	2-1/4"	
SFH4100	AFG	F3	3-3/8"	0.85 X 80°B	—	AF72YH	140	B2007	S-5 / B-1	2-1/4"	
SFH4100	AFG	V1-0	3-3/4"	0.85 X 60°B	—	AFG70MDAS	140	B2007	S-6 / B-0	2-1/4"	
SFH4125	AFG	F4	2-3/4"	1.10 X 80°B	—	AF72WH	140	B2007	S-8 / B-1	2-1/4"	
SFH4145	AFG	V1-2	3-3/4"	1.25 X 60°B	—	AFG70MDAS	140	B2007	S-10 / B-1	2-1/4"	
SFH4150	AFG	F6	2-3/4"	1.25 X 80°B	—	AF72YB	140	B2007	S-6 / B-2	2-1/4"	
SFH5125	AFG	F4	2-3/4"	1.10 X 80°B	—	AF72WH	140	B2007	S-8 / B-1	2-1/4"	
SFH5175	AFG	F12	3"	1.50 X 80°B	—	AF72BP	140	B2007	S-5 / B-3	2-1/4"	
SFH5200	AFG	F12	3"	1.75 X 80°B	—	AF72BP	140	B2007	S-5 / B-5	2-1/4"	
SFH6150	AFG	F6	2-3/4"	1.25 X 80°B	—	AF72YB	140	B2007	S-6 / B-2	2-1/4"	
SW3	AFII 100	AF2-6	# 3	0.60 X 45°B	—	HLX70HB	140	—	3	2-1/4"	15
SW4	AFII 100	AF2-6	# 5	0.85 X 45°B	—	HLX70HB	140	—	5	2-1/4"	15
SFH3100	AFII 150	AF2-6	# 2	0.85 X 45°B	—	HLX70HB	140	B7203	5	2-1/4"	
SFH3125	AFII 150	AF2-9	# 5	1.10 X 60°B	—	HLX70HC	140	B7203	6	2-1/4"	45
TRB4075	AFG	L2	3-3/8"	0.65 X 60°B	—	AFG70MQASN	140	B2007	S-7 / B-0	2-5/8"	3, 9
TRB4095	AFG	L2	3-3/8"	0.85 X 60°B	—	AFG70MQSSN	125	B2007	S-10 / B-1	2-5/8"	9
TRB4110	AFG	L1	NONE	0.90 X 60°B	—	AFG70MSASN	150	B2007	S-10 / B-1	2-5/8"	9
TRB5100	AFG	L2	3-3/8"	0.85 X 60°B	—	AFG70MQASN	140	B2007	S-10 / B-2	2-5/8"	3, 9

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Utica Boiler (cont'd)</b>											
TRB6130	AFG	V1-0	2-3/4"	1.10 X 60°AS	—	AFG70MKAQN	140	B2007	S-5 / B-4	2-5/8"	3, 9
TRB6145	AFG	V1-2	2-3/4" M	1.10 X 60°AS	—	AFG70MKAQN	175	B2007	S-5 / B-3	2-5/8"	9
TRB7165	AFG	V1-2	2-3/4" M	1.25 X 45°AS	—	AFG70MKAQN	175	B2007	S-7 / B-4	2-5/8"	3, 9
SW5	AFII 150	AF2-6	# 8	1.10 X 45°B (H)	—	HLX70HB	140	B7203	5	2-1/4"	15, 31
SFH365	AFII 85	AF2-6	# 2	0.60 X 45°B	—	HLX70HD	140	B7703	2	2-1/4"	
SFH6225W	CF375	SL1-0	—	2.00 X 45°B	—	CF100KZ	140	BCF3907	S-6 / B-3	2-1/4"	
SFH7275W	CF375	SL1-1	—	2.25 X 45°B	—	CF100KZ	140	BCF3907	S-4 / B-5	2-1/4"	
TRB4075DV	NX	6-slot	—	0.60 X 60°B	—	NX70LC	150	B8001	1.5	2-1/2"	
TRB4095DV	NX	6-slot	—	0.75 X 60°B (H)	—	NX70LC	155	B8001	4	2-1/2"	31
TRB5100DV	NX	6-slot	—	0.75 X 45°B	—	NX70LC	175	B8001	4	2-1/2"	
TRB5115DV	NX	6-slot	—	1.00 X 60°B (H)	—	NX70LF	140	B8001	1.75	2-1/2"	31
TRB5135DV	NX	6-slot	—	1.10 X 60°B	—	NX70LF	150	B8001	2.5	2-1/2"	
TRB6130DV	NX	9-slot	—	1.00 X 45°B	—	NX70LD	175	B8001	2.25	2"	
ACE7	SM	F160	3-3/8"	2.25 X 70°S	—	SM53SC	100	—	—	—	
BOP77	SM	F223	NONE	2.25 X 60°H	—	SM72SX	100	—	S-6 / B-0	5"	
<i>(3) Pre/post-purge control must be used.</i>											
<i>(9) Electrode settings of 1/4" above center of nozzle, 1/8" in front of nozzle and gap 5/32".</i>											
<i>(15) Must maintain 6° downward pitch on air tube/flange.</i>											
<i>(31) The (H) in the Nozzle Description denotes a Hago.</i>											
<i>(45) Must maintain 4° downward pitch on air tube/flange.</i>											
<b>Vaillant</b>											
F70-40	AFG	F3	3-1/2"	0.65 X 80°B	—	AF65ZP	140	B2008	S-8 / B-0	—	
F70-40	AFG	L1	3-3/8"	0.65 X 60°A	—	AFG50MB	140	B2007	—	—	
F70-45	AFG	F3	3-1/2"	0.75 X 80°B	—	AF65ZP	140	B2008	S-8 / B-0	—	
F70-45	AFG	L1	3-3/8"	0.65 X 60°A	—	AFG50MB	140	B2007	—	—	
F70-50	AFG	F3	3-1/2"	0.90 X 80°B	—	AF65ZP	140	B2008	S-8 / B-0	—	
F70-50	AFG	V1-0	2-3/4"	0.90 X 60°A	—	AFG50MD	140	B2007	—	—	
F70-55	AFG	F6	2-3/4"	1.10 X 80°B	—	AF65YB	140	B2008	S-8 / B-0	—	
F70-55	AFG	V1-0	2-3/4"	1.10 X 60°B	—	AFG50MD	140	B2007	—	—	
F70-60	AFG	F6	2-3/4"	1.20 X 80°B	—	AF65YB	140	B2008	S-8 / B-0	—	
F70-60	AFG	V1-2	2-3/4"	1.20 X 60°B	—	AFG50MD	140	B2007	—	—	
F75-40	AFG	F3	3-1/2"	0.65 X 80°B	—	AF65ZP	140	B2008	S-8 / B-0	—	
F75-40	AFG	L1	3-3/8"	0.65 X 60°A	—	AFG50MB	140	B2007	—	—	
F75-45	AFG	F3	3-1/2"	0.75 X 80°B	—	AF65ZP	140	B2008	S-8 / B-0	—	
F75-45	AFG	L1	3-3/8"	0.75 X 60°A	—	AFG50MB	140	B2007	—	—	
F75-50	AFG	F3	3-1/2"	0.90 X 80°B	—	AF65ZP	140	B2008	S-8 / B-0	—	
F75-50	AFG	V1-0	2-3/4"	0.90 X 60°A	—	AFG50MD	140	B2007	—	—	
F75-55	AFG	F6	2-3/4"	1.10 X 80°B	—	AF65YB	140	B2008	S-8 / B-0	—	
F75-55	AFG	V1-0	2-3/4"	1.10 X 60°B	—	AFG50MD	140	B2007	—	—	
F75-60	AFG	F6	2-3/4"	1.20 X 80°B	—	AF65YB	140	B2008	S-8 / B-0	—	
F75-60	AFG	V1-2	2-3/4"	1.20 X 60°B	—	AFG50MD	140	B2007	—	—	
F100-HE30	AFII 150	AF2-6	# 0	0.50 X 70°B	—	HLX70HB	140	B7210	—	—	20
F100-HE35	AFII 150	AF2-6	# 0	0.75 X 70°B	—	HLX70HB	140	B7210	—	—	20
F100-HE35	AFII 150	AF2-9	# 0	0.70 X 70°B	—	HLX50HC	140	B7210	—	3-1/2"	
F100-HE40	AFII 150	AF2-6	# 0	0.75 X 70°B	—	HLX70HB	140	B7210	—	—	20
F100-HE40	AFII 150	AF2-9	# 0	0.75 X 70°B	—	HLX50HC	140	B7210	—	3-1/2"	
F100-HE45	AFII 150	AF2-6	# 8	1.25 X 60°B	—	HLX70HB	140	B7210	—	—	20
F100-HE45	AFII 150	AF2-9	# 6	1.10 X 60°B	—	HLX50HC	140	B7210	—	3-1/2"	
F100-HE50	AFII 150	AF2-9	# 5	1.25 X 60°B	—	HLX50HC	140	B7210	—	—	
F100-HE50	AFII 150	AF2-6	# 8	1.25 X 60°B	—	HLX70HB	140	B7210	—	—	20
F70-40	AFII 150	AF2-6	# 0	0.60 X 70°B	—	HLX 70HD	140	B7210	—	—	

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Vaillant (cont'd)</b>											
F70-45	AFII 150	AF2-6	# 0	0.75 X 70°B	—	HLX 70HD	140	B7210	—	—	
F70-50	AFII 150	AF2-6	# 3	0.85 X 60°B	—	HLX 70HB	140	B7210	—	—	
F70-55	AFII 150	AF2-6	# 5	1.10 X 60°B	—	HLX 70HB	140	B7210	—	—	
F70-60	AFII 150	AF2-6	# 8	1.10 X 45°AS	—	HLX 70HB	170	B7210	—	—	
F75-40	AFII 150	AF2-6	# 0	0.60 X 70°B	—	HLX 70HD	140	B7210	—	—	
F75-45	AFII 150	AF2-6	# 0	0.75 X 70°B	—	HLX 70HD	140	B7210	—	—	
F75-50	AFII 150	AF2-6	# 3	0.85 X 60°B	—	HLX 70HB	140	B7210	—	—	
F75-55	AFII 150	AF2-6	# 5	1.10 X 60°B	—	HLX 70HB	140	B7210	—	—	
F75-60	AFII 150	AF2-6	# 8	1.10 X 45°AS	—	HLX 70HB	170	B7210	—	4"	
F100-HE30	AFII 85	AF2-6	# 2	0.55 X 70°B	—	HLX50HB	125	B7711	—	3-1/8"	
F100-HE30	AFII 85	AF2-9	# 0	0.50 X 70°B	—	HLX50HC	140	B7711	—	3-1/2"	
F70-30	AFII 85	AF2-6	# 2	0.50 X 45°AS	—	HLX 70HB	140	B7711	—	—	
F75-30	AFII 85	AF2-6	# 2	0.50 X 45°AS	—	HLX 70HB	180	B7711	—	—	
F100-5	SMG	SV1-0	—	1.35 X 45°B	—	SMG60NR	180	—	S-4 / B-0	3-1/2"	21
F100-6	SMG	SV1-0	—	1.50 X 45°B	—	SMG60NR	180	—	S-4 / B-0	3-1/2"	21
<i>(20) Stainless Steel combustion chamber.</i>											
<i>(21) 5-slot shutter #3932BK.</i>											
<b>Van Wert Heating Equipment</b>											
OCF120	AF	F3	2-3/4"	0.85 X 70°A	—	AF72XN	100	B3001	—	—	
OCF225	AF	F22	2-1/4"	2.50 X 60°B	—	AF53WV	100	B3001	—	—	
OCF90	AF	F3	2-3/4"	0.65 X 70°A	—	AF72XN	100	B3001	—	—	
PS1000	AF	F12	2-3/4"	2.00 X 80°A	—	AF72XO	100	B3001	—	—	
PS1200	AF	F22	2-3/4"	2.50 X 80°A	—	AF72XP	100	B3001	—	—	
PS400	AF	F6	2-3/4"	1.00 X 80°A	—	AF72YB	100	B3001	—	—	
PS600	AF	F6	2-3/4"	1.35 X 80°A	—	AF72YB	100	B3001	—	—	
PS800	AF	F6	2-3/4"	1.50 X 80°A	—	AF72YB	100	B3001	—	—	
PSC-3	AF	F6	2-3/4"	1.00 X 80°A	—	AF72YB	100	B3001	—	—	
PSC-4	AF	F6	2-3/4"	1.35 X 80°A	—	AF72YB	100	B3001	—	—	
PSC-5	AF	F12	2-3/4"	1.50 X 80°A	—	AF72XO	100	B3001	—	—	
PSC-6	AF	F12	2-3/4"	2.00 X 80°A	—	AF72XO	100	B3001	—	—	
PWC-3	AF	F6	2-3/4"	1.10 X 80°A	—	AF72YB	100	B3001	—	—	
PWC-4	AF	F6	2-3/4"	1.50 X 80°A	—	AF72YB	100	B3001	—	—	
PWC-5	AF	F12	2-3/4"	1.75 X 80°A	—	AF72XO	100	B3001	—	—	
PWC-6	AF	F12	2-3/4"	2.00 X 80°A	—	AF72XO	100	B3001	—	—	
VAC400	AF	F6	3-3/8"	1.25 X 80°B	—	AF53YY	100	B3001	—	—	
VAC600	AF	F12	2-3/4"	1.75 X 80°B	—	AF53XO	100	B3001	—	—	
W10	AF	F12	2-3/4"	1.75 X 80°A	—	AF72XO	100	B3001	—	—	
W7	AF	F6	2-3/4"	1.25 X 80°A	—	AF72YB	100	B3001	—	—	
W8	AF	F6	2-3/4"	1.35 X 80°A	—	AF72YB	100	B3001	—	—	
W9	AF	F6	2-3/4"	1.50 X 80°A	—	AF72YB	100	B3001	—	—	
OL100	AFG	F3	2-3/4"	1.00 X 80°A	—	AF56XN	100	B2007	—	—	
OL115	AFG	F3	2-3/4"	1.10 X 80°A	—	AF56XN	100	B2007	—	—	
OL135	AFG	F6	2-3/4"	1.25 X 80°A	—	AF56YB	100	B2007	—	—	
OL85	AFG	F3	2-3/4"	0.75 X 80°A	—	AF56XN	100	B2007	—	—	
VAC1200	SM	F22	NONE	3.00 X 60°A	—	SM53FJ	100	—	—	—	
VAC800	SM	F22	NONE	2.25 X 80°B	—	SM53FJ	100	—	—	—	

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Victa-Hytemp</b>											
105 OLBFB	AF	F3	3-3/8"	0.75 X 80°B	—	AF65YHHS	140	B3001	S-5 / B-0	4"	2
150 OLBFB	AF	F6	2-3/4"	1.00 X 80°B	—	AF65YBHS	140	B3001	S-5 / B-0	4"	2
<i>(2) "HS" on air tube combination = ceramic heat shield on combustion head.</i>											
<b>Viessmann</b>											
BEA-29	AFII 150	AF2-9	# 4	0.85 X 60°A	—	HLX50HC	140	B7210	2	2-1/2"	
BEA-35	AFII 150	AF2-9	# 5	1.10 X 60°B	—	HLX50HC	140	B7210	6	2-1/2"	
BEA-46	AFII 150	AF2-9	# 8	1.35 X 45°B	—	HLX50HC	140	B7210	8	2-1/2"	
BEA-18	AFII 85	AF2-6	# 0	0.60 X 60°W	—	HLX50HD	125	B7711	6	2-1/2"	
BEA-22	AFII 85	AF2-6	# 4	0.65 X 45°A	—	HLX50HD	140	B7711	7	2-1/2"	
VR1-22	NX	6-slot	—	0.50 X 60°B	—	NX70LH	175	B8001	1.5	3-7/16"	3,46,47
VR1-22	NX	6-slot	—	0.50 X 60°B	—	NX70LP	190	B8001	2	3-1/4"	20,40
VR1-27	NX	6-slot	—	0.60 X 60°AS	—	NX70LC	175	B8001	1.5	3-5/8"	3
VR1-27	NX	6-slot	—	0.60 X 60°AS	—	NX70LP	175	B8001	2.5	3-1/4"	20,40
VR1-33	NX	9-slot	—	0.75 X 60°A	—	NX70LJ	175	B8001	3.25	3-5/8"	20,40
VR1-33	NX	6-slot	—	0.75 X 60°B	32229	NX70LC	175	B8001	2.75	3-5/8"	3,40
VR1-40	NX	9-slot	—	0.85 X 60°A	—	NX70LJ	175	B8001	3.5	4-7/8"	20
VR1-40	NX	9-slot	—	0.85 X 60°B (H)	—	NX70LB	195	B8001	3.25	3-5/8"	3,31,40
VR1-50	AFG	V1-1	2-3/4"	1.10 X 60°AS	—	AFG90MDAQ	175	B2007	—	7-1/4"	37
VR1-50	AFG	V1-1	2-3/4"	1.10 X 45°W	—	AFG90MDAQ	175	B2007	S-10 / B-2	7-1/4"	20,37,40
VR1-63	AFG	V1-4	2-3/4"	1.35 X 60°B	—	AFG90MDAQ	175	B2007	S-10 / B-2	7-1/4"	20,37,40
VR1-63	AFG	V1-4	2-3/4"	1.35 X 60°W	—	AFG90MDAQ	175	B2007	S-10 / B-2	7-1/4"	20,37,40
<i>(3) Pre/post-purge control must be used.</i>											
<i>(20) Stainless Steel combustion chamber.</i>											
<i>(31) The (H) in the Nozzle Description denotes a Hago.</i>											
<i>(37) AQ in ATC designates 16-slot venturi.</i>											
<i>(40) Must maintain 0° downward pitch on air tube/flange.</i>											
<i>(46) Must maintain -2° upward pitch on air tube/flange.</i>											
<i>(47) Must utilize blanket kit 8"x17", P.N. 32408.</i>											
<b>Weather King</b>											
OBC 056	AFG	F0	3-3/8"R	0.50 X 70°R	—	AF36JY	100	B2008	S-7 / B-0	—	
OBC 067	AFG	F0	3-3/8"R	0.60 X 70°B	—	AF42JYHS	100	B2008	S-7 / B-0	—	2
OBC 067	AFG	F0	3-5/8"	0.60 X 70°AR	—	AF36YL	100	B2008	S-7 / B-0	—	
OBC 084	AFG	F3	2-3/4"	0.75 X 70°B	—	AF36XN	100	B2008	S-7 / B-0	—	
OBC 084	AFG	F3	2-3/4"	0.75 X 70°B	5880	AF44XNHS	100	B2008	S-7 / B-0	—	2
OBC 095	AFG	F3	2-3/4"	0.85 X 70°B	—	AF36XN	100	B2008	S-7 / B-0	—	
OBC 095	AFG	F3	2-3/4"	0.85 X 70°B	5880	AF44XNHS	100	B2008	S-7 / B-0	—	2
OBC 112	AFG	F3	2-3/4"	1.00 X 70°B	5880	AF44XNHS	100	B2008	S-7 / B-0	—	2
OBC 112	AFG	F3	2-3/4"	1.00 X 70°B	—	AF36XN	100	B2008	S-7 / B-0	—	
OBC 130	AFG	F6	3-3/8"R	1.20 X 70°S	—	AF36JZ	100	B2008	S-7 / B-0	—	
OBC 150	AFG	F6	3-3/8"R	1.35 X 70°B	—	AF42JZHS	100	B2008	S-7 / B-0	—	2
OBC 150	AFG	F6	3-3/8"R	1.35 X 70°S	—	AF36JZ	100	B2008	S-7 / B-0	—	
ONC 084	AFG	F3	2-3/4"	0.75 X 70°S	—	AF36BN	100	B2008	S-7 / B-0	—	
ONC 095	AFG	F3	2-3/4"	0.85 X 70°S	—	AF36BN	100	B2008	S-7 / B-0	—	
ONC 112	AFG	F3	2-3/4"	1.00 X 70°S	—	AF36XN	100	B2008	S-7 / B-0	—	
ONC 130	AFG	F6	3-3/8"R	1.20 X 70°S	—	AF36JZ	100	B2008	S-7 / B-0	—	
OUC 084	AFG	F3	2-3/4"	0.75 X 70°S	—	AF36BN	100	B2008	S-7 / B-0	—	
OUC 095	AFG	F3	2-3/4"	0.85 X 70°S	—	AF36BN	100	B2008	S-7 / B-0	—	
OUC 112	AFG	F3	2-3/4"	1.00 X 70°S	—	AF36XN	100	B2008	S-7 / B-0	—	
OUC 130	AFG	F6	3-3/8"R	1.20 X 70°S	—	AF36JZ	100	B2008	S-7 / B-0	—	
<i>(2) "HS" on air tube combination = ceramic heat shield on combustion head.</i>											

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Weil-McLain</b>											
B-366-E	AF	F3	2-3/4"	1.00 X 60°A	—	AF44XN	100	B3001	—	—	
B-466-E	AF	F3	2-3/4"	1.25 X 80°B	—	AF44XN	100	B3001	—	—	
B-566-E	AF	F12	2-3/4"	1.50 X 80°A	—	AF44XO	100	B3001	—	—	
B-666-E	AF	F12	2-3/4"	1.75 X 70°A	—	AF44XO	100	B3001	—	—	
B-766-E	AF	F12	2-3/4"	2.00 X 80°A	—	AF44XO	100	B3001	—	—	
P-366-E	AF	F3	2-3/4"	1.00 X 60°A	—	AF44XN	100	B3001	—	—	
P-466-E	AF	F3	2-3/4"	1.25 X 80°B	—	AF44XN	100	B3001	—	—	
P-566-E	AF	F12	2-3/4"	1.50 X 80°A	—	AF44XO	100	B3001	—	—	
P-666-E	AF	F12	2-3/4"	1.75 X 70°A	—	AF44XO	100	B3001	—	—	
P-766-E	AF	F12	2-3/4"	2.00 X 80°A	—	AF44XO	100	B3001	—	—	
B-266-HE	AFG	F3	3-3/8"	0.75 X 80°A	—	AF44YH	100	B2008	—	—	
B-366-HE	AFG	F3	2-3/4"	1.00 X 80°A	—	AF44XN	100	B2008	—	—	
B-368,V	AFG	F3	2-3/4"	1.00 X 80°A	—	AF44XN	100	B2008	—	—	
B-466-HE	AFG	F6	2-3/4"	1.25 X 80°B	—	AF44YB	100	B2008	—	—	
B-468,V	AFG	F6	2-3/4"	1.25 X 80°A	—	AF44YB	100	B2008	—	—	
B-566-HE	AFG	F6	2-3/4"	1.50 X 80°A	—	AF44YB	100	B2008	—	—	
B-568,V	AFG	F6	2-3/4"	1.50 X 80°A	—	AF44YB	100	B2008	—	—	
B-666-HE	AFG	F12	2-3/4"	1.75 X 80°A	—	AF44XO	100	B2008	—	—	
B-668, V	AFG	F12	2-3/4"	1.75 X 80°A	—	AF44XO	100	B2008	—	—	
B-766-HE	AFG	F16	2-3/4"	2.00 X 80°A	—	AF44XO	100	B2008	—	—	
B-768,V	AFG	V1-4	2-3/4"	2.00 X 60°B	—	AFG50MD	100	B2008	—	—	
B-866-HE	AFG	F220	2-1/4"	2.25 X 70°B	—	AF44JM	100	B2008	—	—	
B-868	AFG	V1-5	2-3/4"	2.25 X 60°B	—	AFG50MD	100	B2008	S-10 / B-5	3"	
B-966-HE	AFG	F220	2-1/4"	2.50 X 70°B	—	AF44JM	100	B2008	—	—	
B-968	AFG	V1-6	2-3/4"	2.50 X 60°B	—	AFG50MD	100	B2008	S-10 / B-10	—	
GO-2	AFG	L1	3-3/8"	0.75 X 70°B	—	AFG50MB	100	B2008	S-7 / B-0	3"	
GO-3	AFG	L1	3-3/8"	0.85 X 45°B	—	AFG50MBAS	140	B2008	S-8 / B-0	3"	
GO-3	AFG	F3	3-3/8"	0.85 X 70°B (H)	—	AF44YH	140	B2008	—	—	31,36
GO-4	AFG	F4	2-3/4"	1.25 X 80°B	—	AF44WH	100	B2008	S-7 / B-1	3"	
GO-5	AFG	F6	3-3/8"	1.50 X 80°B	—	AF44YY	100	B2008	S-10 / B-2	—	
GO-6	AFG	F12	2-3/4"	1.75 X 80°B	—	AF44XO	100	B2008	S-10 / B-3	3"	
GO-7	AFG	V1-4	2-3/4"M	2.00 X 60°B	—	AFG50MK	100	B2008	S-10 / B-3	3"	
GO-7	AFG	V1-4	2-3/4"M	2.00 X 60°B (H)	—	AFG50MK	100	B2008	—	—	31
GO-8	AFG	V1-5	2-3/4"M	2.25 X 45°P	—	AFG50MK	100	B2008	—	—	
GO-8	AFG	V1-5	2-3/4"M	2.25 X 60°B	—	AFG50MK	100	B2008	S-10 / B-5	3"	
GO-9	AFG	V1-5	2-3/4"M	2.50 X 60°B	—	AFG50MK	100	B2008	S-10 / B-8	3"	
P-266-HE	AFG	F3	3-3/8"	0.75 X 80°A	—	AF44YH	100	B2008	S-7 / B-0	—	
P-268,V	AFG	L1	3-3/8"	0.75 X 60°A	—	AFG50MB	100	B2008	S-6 / B-0	3"	
P-366-HE	AFG	F3	2-3/4"	1.00 X 80°A	—	AF44XN	100	B2008	S-9 / B-0	—	
P-368,V	AFG	F3	2-3/4"	1.00 X 80°A	—	AF44XN	100	B2008	S-9 / B-0	3"	
P-466-HE	AFG	F6	2-3/4"	1.25 X 80°B	—	AF44YB	100	B2008	S-10 / B-0	—	
P468,V	AFG	F6	2-3/4"	1.25 X 80°A	—	AF44YB	100	B2008	S-10 / B-0	3"	
P-566-HE	AFG	F6	2-3/4"	1.50 X 80°A	—	AF44YB	100	B2008	S-10 / B-2	—	
P-568,V	AFG	F6	2-3/4"	1.50 X 80°A	—	AF44YB	100	B2008	S-10 / B-2	3"	
P-666-HE	AFG	F12	2-3/4"	1.75 X 80°A	—	AF44XO	100	B2008	S-10 / B-3	—	
P-668,V	AFG	F12	2-3/4"	1.75 X 80°A	—	AF44XO	100	B2008	S-10 / B-3	3"	
P-766-HE	AFG	F16	2-3/4"	2.00 X 80°A	—	AF44XO	100	B2008	S-10 / B-4	—	
P-768,V	AFG	V1-4	2-3/4"	2.00 X 60°B	—	AFG50MD	100	B2008	S-10 / B-4	3"	
UO-3	AFG	L2	2-3/4"	0.85 X 60°B	—	AFG70MPASN	140	B2007	S-10 / B-1	1-3/4"	9
UO-4	AFG	V1-0	2-3/4"	1.00 X 60°B	—	AFG70MDASN	140	B2007	S-8 / B-0	1-3/4"	9

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Weil-McLain (cont'd)</b>											
UO-5	AFG	V1-0	2-3/4"	1.10 X 60°B	—	AFG70MDASN	160	B2007	S-9 / B-1	1-3/4"	9
CHB/CLB 105	NX	9-slot	—	0.75 X 60°W	—	NX70LBHS	140	B8001	3	5-1/4"	2
CHB/CLB 105	NX	9-slot	—	0.65 X 60°W	—	NX70LBHS	140	B8001	2.5	5-1/4"	2
CHB/CLB 105	NX	9-slot	—	0.55 X 60°W	—	NX70LBHS	140	B8001	1.75	5-1/4"	2
CHB/CLB 140	NX	9-slot	—	1.00 X 60°W	32229	NX90LDHS	150	B8001	2	7-7/8"	2
CHB/CLB 140	NX	9-slot	—	0.85 X 60°W	—	NX90LBHS	140	B8001	3.5	7-7/8"	2
CHB/CLB 140	NX	9-slot	—	0.90 X 60°W	32229	NX90LDHS	150	B8001	1.5	7-7/8"	2
UO-3 0.80 GPH	NX	6-slot	—	0.65 X 60°A	—	NX70LC	150	B8001	1.75	1-3/4"	49
UO-3 1.00 GPH	NX	6-slot	—	0.75 X 60°B (H)	—	NX70LC	175	B8001	2.5	1-3/4"	31, 49
UO-3 DV 0.80 GPH	NX	6-slot	—	0.65 X 60°A	—	NX70LC	150	B8001	2	1-3/4"	47
UO-3 DV 1.0 GPH	NX	6-slot	—	0.75 X 60°B (H)	—	NX70LC	175	B8001	2.5	1-3/4"	31, 49
UO-4 1.20 GPH	NX	9-slot	—	1.00 X 70°B (H)	—	NX90LB	140	B8001	3.75	3-1/2"	31, 49
UO-4 DV	NX	9-slot	—	0.85 X 60°W	—	NX90LB	190	B8001	4.5	3-1/2"	47
UO-5 1.40 GPH	NX	9-slot	—	1.10 X 70°B (H)	—	NX90LD	160	B8001	1.25	3-1/2"	31, 49
UO-5 DV	NX	9-slot	—	1.10 X 70°B	—	NX90LD	160	B8001	1.5	3-1/2"	47
(2) "HS" on air tube combination = ceramic heat shield on combustion head.											
(9) Electrode settings of 1/4" above center of nozzle, 1/8" in front of nozzle and gap 5/32".											
(31) The (H) in the Nozzle Description denotes a Hago.											
(36) Series 3 boiler.											
(47) Must utilize blanket kit 8"x17", P.N. 32408.											
(49) Do not derate, per Weil McLain.											
<b>Will-Burt Co.</b>											
CV-50	AF	F0	3-5/8"	0.50 X 80°B (H)	—	AF62YLSSHS	100	B3001	S-5 / B-0	6-1/4"	2, 22, 27, 31
DV-50	AF	F0	3-3/8"	0.50 X 80°B (H)	—	AF62XRSSHS	100	B3001	S-5 / B-0	6-1/4"	2, 22, 27, 31
PH260	AF	F0	3-3/8"R	0.60 X 80°A	—	AF85BO	100	B3001	S-6 / B-0	7"	
(2) "HS" on air tube combination = ceramic heat shield on combustion head.											
(22) This application requires the use of a blank air band, part #3626.											
(27) Requires Stainless Steel air tube.											
(31) The (H) in the Nozzle Description denotes a Hago.											
<b>Williamson Co.</b>											
1454-11	AF	F6	2-3/4"	0.85 X 80°A	—	AF90YB	100	B3001	—	—	
1454-14	AF	F6	2-3/4"	1.00 X 80°A	—	AF90YB	100	B3001	—	—	
1454-17	AF	F12	2-3/4"	1.25 X 80°A	—	AF90XO	100	B3001	—	—	
1454-22	AF	F12	2-3/4"	1.65 X 80°A	—	AF90XO	100	B3001	—	—	
1454-28	AF	F12	2-3/4"	2.00 X 80°A	—	AF90XO	100	B3001	—	—	
1456-10	AF	F6	2-3/4"	0.75 X 80°B	—	AF55YB	100	B3001	—	—	
1456-11	AF	F6	2-3/4"	0.85 X 80°B	—	AF55YB	100	B3001	—	—	
1456-14	AF	F6	2-3/4"	1.00 X 80°B	—	AF55YB	100	B3001	—	—	
1456-17	AF	F12	2-3/4"	1.25 X 80°B	—	AF55XO	100	B3001	—	—	
1456-21	AF	F12	2-3/4"	1.50 X 80°B	—	AF55XO	100	B3001	—	—	
C510, C610	AF	F4	2-3/4"	0.75 X 80°A	—	AF72WH	100	B3001	—	—	
C512, C612	AF	F4	2-3/4"	0.85 X 80°A	—	AF72WH	100	B3001	—	—	
C515, C615	AF	F6	2-3/4"	1.00 X 70°A	—	AF72YB	100	B3001	—	—	
C518, C618	AF	F12	2-3/4"	1.35 X 80°A	—	AF81XO	100	B3001	—	—	
CCF-140	AF	F6	2-3/4"	1.00 X 80°A	—	AF104YBSS	100	B3001	—	8-3/4"	27
CCF-245	AF	F16	2-3/4"	1.75 X 70°A	—	AF104WFSS	100	B3001	—	9-3/4"	27
CHB-210	AF	F12	2-3/4"	1.50 X 80°A	—	AF104XOSS	100	B3001	—	9-3/4"	27
CHB-245	AF	F16	2-3/4"	1.75 X 70°A	—	AF104WFSS	100	B3001	—	9-3/4"	27
CLB-210	AF	F12	2-3/4"	1.50 X 80°A	—	AF104XOSS	100	B3001	—	9-3/4"	27
CLB-245	AF	F16	2-3/4"	1.75 X 70°A	—	AF104WFSS	100	B3001	—	9-3/4"	27

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Williamson Co. (cont'd)</b>											
R-164-10A	AF	F4	2-3/4"	0.85 X 80°A	—	AF72WH	100	B3001	—	—	
R-164-10A	AF	F4	2-3/4"	0.75 X 80°A	—	AF72WH	100	B3001	—	—	
R-164-10A	AF	F4	2-3/4"	0.60 X 80°A	—	AF72WH	100	B3001	—	—	
T164,5,7-10	AF	F4	2-3/4"	0.75 X 80°A	—	AF72WH	100	B3001	—	—	
T164,5,7-12	AF	F4	2-3/4"	0.85 X 80°A	—	AF72WH	100	B3001	—	—	
T164,5,7-15	AF	F6	2-3/4"	1.00 X 70°A	—	AF72YB	100	B3001	—	—	
T164,5,7-18	AF	F12	2-3/4"	1.35 X 80°A	—	AF81XO	100	B3001	—	—	
T-164-10A	AF	F4	2-3/4"	0.85 X 80°A	—	AF72WH	100	B3001	—	—	
T-164-10A	AF	F4	2-3/4"	0.60 X 80°A	—	AF72WH	100	B3001	—	—	
T-164-10A	AF	F4	2-3/4"	0.75 X 80°A	—	AF72WH	100	B3001	—	—	
T-165-10A	AF	F4	2-3/4"	0.85 X 80°A	—	AF72WH	100	B3001	—	—	
T-165-10A	AF	F4	2-3/4"	0.75 X 80°A	—	AF72WH	100	B3001	—	—	
T-165-10A	AF	F4	2-3/4"	0.60 X 80°A	—	AF72WH	100	B3001	—	—	
T-167-10A	AF	F4	2-3/4"	0.75 X 80°A	—	AF72WH	100	B3001	—	—	
T-167-10A	AF	F4	2-3/4"	0.60 X 80°A	—	AF72WH	100	B3001	—	—	
T-167-10A	AF	F4	2-3/4"	0.85 X 80°A	—	AF72WH	100	B3001	—	—	
T-169-10A	AF	F4	2-3/4"	0.75 X 80°A	—	AF72WH	100	B3001	—	—	
T-169-10A	AF	F4	2-3/4"	0.85 X 80°A	—	AF72WH	100	B3001	—	—	
T-169-10A	AF	F4	2-3/4"	0.60 X 80°A	—	AF72WH	100	B3001	—	—	
T274,5,7-10	AF	F4	2-3/4"	0.75 X 80°A	—	AF72WH	100	B3001	—	—	
T274,5,7-12	AF	F4	2-3/4"	0.85 X 80°A	—	AF72WH	100	B3001	—	—	
T274,5,7-15	AF	F6	2-3/4"	1.00 X 70°A	—	AF72YB	100	B3001	—	—	
TCF-105	AF	F3	3-3/8"R	0.75 X 80°A	—	AF72BNHSSS	100	B3001	—	6-1/2"	2, 27
TCF-105	AF	F3	3-3/8"R	0.60 X 80°A	—	AF72BNHSSS	100	B3001	—	6-1/2"	2, 27
TCF-105	AF	F3	3-3/8"R	0.85 X 80°A	—	AF72BNHSSS	100	B3001	—	6-1/2"	2, 27
THB-105	AF	F3	3-3/8"R	0.75 X 80°A	—	AF72BNHSSS	100	B3001	—	6-1/2"	2, 27
THB-105-S2	AF	F3	3-3/8"R	0.65 X 80°A	—	AF72BNHSSS	100	B3001	—	6-1/2"	2, 27
THB-105-S2	AF	F3	3-3/8"R	0.75 X 80°A	—	AF72BNHSSS	100	B3001	—	6-1/2"	2, 27
THB-105-S2	AF	F3	3-3/8"R	0.85 X 80°A	—	AF72BNHSSS	100	B3001	—	6-1/2"	2, 27
THZ-105	AF	F3	3-3/8"R	0.85 X 80°A	—	AF90BNHSSS	100	B3001	—	6-1/2"	2, 27
THZ-105	AF	F3	3-3/8"R	0.75 X 80°A	—	AF90BNHSSS	100	B3001	—	6-1/2"	2, 27
THZ-105	AF	F3	3-3/8"R	0.60 X 80°A	—	AF90BNHSSS	100	B3001	—	6-1/2"	2, 27
TLB-105	AF	F3	3-3/8"R	0.75 X 80°A	—	AF72BNHSSS	100	B3001	—	6-1/2"	2, 27
WCFO-140	AF	F6	2-3/4"	1.00 X 80°A	—	AF104YBHSSS	100	B3001	—	—	2, 27
WCFO-175	AF	F6	2-3/4"	1.25 X 80°A	—	AF104YBHSSS	100	B3001	—	—	2, 27
WCFO-210	AF	F12	2-3/4"	1.50 X 80°A	—	AF104XOSS	100	B3001	—	—	27
WCFO-245	AF	F16	2-3/4"	1.75 X 70°A	—	AF104WFSS	100	B3001	—	—	27
WHBO-210	AF	F12	2-3/4"	1.50 X 80°A	—	AF104XOSS	100	B3001	—	—	27
WHBO-245	AF	F16	2-3/4"	1.75 X 70°A	—	AF104WFSS	100	B3001	—	—	27
WLBO-210	AF	F12	2-3/4"	1.50 X 80°A	—	AF104XOSS	100	B3001	—	—	27
WLBO-245	AF	F16	2-3/4"	1.75 X 70°A	—	AF104WFSS	100	B3001	—	—	27
CCF-105	AFG	F6	2-3/4"	0.60 X 80°B	—	AF90YBHSSS	100	B2008	—	7-3/4"	2, 27
CCF-105	AFG	F6	2-3/4"	0.85 X 80°B	—	AF90YBHSSS	100	B2008	—	7-3/4"	2, 27
CCF-105	AFG	F6	2-3/4"	0.75 X 80°B	—	AF90YBHSSS	100	B2008	—	7-3/4"	2, 27
CHB/CLB/LB-105-S2,S1	AFG	F3	3-3/8"	0.85 X 80°B	5880	AF65YHHSSS	100	B2008	—	5-1/2"	2, 27
CHB/CLB/LB-105-S2,S1	AFG	F3	3-3/8"	0.75 X 80°B	5880	AF65YHHSSS	100	B2008	—	5-1/2"	2, 27
CHB/CLB/LB-105-S2,S1	AFG	F3	3-3/8"	0.65 X 80°B	5880	AF65YHHSSS	100	B2008	—	5-1/2"	2, 27
CHB/CLB-140	AFG	F6	2-3/4"	1.25 X 80°B	—	AF90YBHSSS	100	B2008	—	7-3/4"	2, 27
CHB/CLB-140	AFG	F6	2-3/4"	1.00 X 80°B	—	AF90YBHSSS	100	B2008	—	7-3/4"	2, 27
CHB/CLB-140-S2	AFG	F6	2-3/4"	1.25 X 70°B	—	AF90YBHSSS	100	B2008	—	7-3/4"	2, 27

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Williamson Co. (cont'd)</b>											
CHB/CLB-140-S2	AFG	F6	2-3/4"	1.00 X 70°B	—	AF90YBHSSS	100	B2008	—	7-3/4"	2, 27
CHB/CLB-210	AFG	F12	2-3/4"	1.50 X 80°A	—	AF104XOSS	100	B2007	—	—	27
CHB/CLB-245	AFG	F16	2-3/4"	1.75 X 70°A	—	AF104WFSS	100	B2007	—	—	27
OSB-3-100	AFG	F4	3-1/2"	0.85 X 70°B (H)	—	AF44WB	140	B2007	—	3"	31
OSB-4-110	AFG	F4	2-3/4"	1.00 X 80°B	—	AF44WH	125	B2007	—	3"	
OSB-4-125	AFG	F4	2-3/4"	1.25 X 80°B	—	AF44WH	100	B2007	S-7 / B-1	3"	
OSB-5-135	AFG	F6	3-3/8"	1.35 X 80°B	—	AF44YY	100	B2007	—	3"	
OSB-5-150	AFG	F6	3-3/8"	1.50 X 80°B	—	AF44YY	100	B2007	—	3"	
OSB-5-165	AFG	F6	3-3/8"	1.50 X 80°B	—	AF44YY	125	B2007	—	3"	
OSB-6-175	AFG	F12	2-3/4"	1.75 X 80°B	—	AF44XO	100	B2007	—	3"	
OSB-6-200	AFG	F12	2-3/4"	1.75 X 80°B	—	AF44XO	125	B2007	—	3"	
OWB-3-075	AFG	L1	3-3/8"	0.75 X 70°B	—	AFG50MB	100	B2007	—	3"	
OWB-3-100	AFG	F4	3-1/2"	0.85 X 70°B (H)	—	AF44WB	140	B2007	—	3"	31
OWB-4-110	AFG	F4	2-3/4"	1.00 X 80°B	—	AF44WH	125	B2007	—	3"	
OWB-4-125	AFG	F4	2-3/4"	1.25 X 80°B	—	AF44WH	100	B2007	S-7 / B-1	3"	
OWB-5-135	AFG	F6	3-3/8"	1.35 X 80°B	—	AF44YY	100	B2007	—	3"	
OWB-5-150	AFG	F6	3-3/8"	1.50 X 80°B	—	AF44YY	100	B2007	—	3"	
OWB-5-165	AFG	F6	3-3/8"	1.50 X 80°B	—	AF44YY	125	B2007	—	3"	
OWB-6-175	AFG	F12	2-3/4"	1.75 X 80°B	—	AF44XO	100	B2007	—	3"	
OWB-6-200	AFG	F12	2-3/4"	1.75 X 80°B	—	AF44XO	125	B2007	—	3"	
OWT-3-075	AFG	L1	3-3/8"	0.75 X 70°B	—	AFG50MB	100	B2007	—	3"	
OWT-3-100	AFG	F4	3-1/2"	0.85 X 70°B (H)	—	AF44WB	140	B2007	—	3"	31
OWT-4-110	AFG	F4	2-3/4"	1.00 X 80°B	—	AF44WH	125	B2007	—	3"	
OWT-4-125	AFG	F4	2-3/4"	1.25 X 80°B	—	AF44WH	100	B2007	S-7 / B-1	3"	
OWT-5-135	AFG	F6	3-3/8"	1.35 X 80°B	—	AF44YY	100	B2007	—	3"	
OWT-5-150	AFG	F6	3-3/8"	1.50 X 80°B	—	AF44YY	100	B2007	—	3"	
OWT-5-165	AFG	F6	3-3/8"	1.50 X 80°B	—	AF44YY	125	B2007	—	3"	
OWT-6-175	AFG	F12	2-3/4"	1.75 X 80°B	—	AF44XO	100	B2007	—	3"	
OWT-6-200	AFG	F12	2-3/4"	1.75 X 80°B	—	AF44XO	125	B2007	—	3"	
PLB-350	AFG	F22	NONE	2.25 X 70°B	—	AF53YF	135	B2008	—	2-7/8"	
PLP/PMP-210	AFG	F6	2-3/4"	1.25 X 70°W	—	AF53YB	145	B2008	—	2-7/8"	
PLP/PMP-210-S2	AFG	F6	2-3/4"	1.00 X 70°W	—	AF53YB	145	B2007	—	2-7/8"	
PLP/PMP-210-S2	AFG	F6	2-3/4"	1.10 X 70°W	—	AF53YB	150	B2007	—	2-7/8"	
PLP/PMP-210-S2	AFG	F6	2-3/4"	1.25 X 70°W	—	AF53YB	145	B2007	—	2-7/8"	
PMP/PLB084	AFG	L2	3-3/8"	0.50 X 60°A	5880	AFG70MQSS	150	B2007	S-6 / B-0	1-3/4"	27
PMP/PLB098	AFG	L2	3-3/8"	0.60 X 60°W	5880	AFG70MQSS	140	B2007	S-10 / B-0	1-3/4"	27
TMP-105	AFG	F0	2-3/4"	0.60 X 70°B	—	AF72XZT	155	B2008	—	5-1/8"	
TMP-105-S2	AFG	F0	2-3/4"	0.50 X 70°A	—	AF72XZT	100	B2008	—	5-1/8"	
TMP-105-S2	AFG	F0	2-3/4"	0.60 X 70°B	—	AF72XZT	155	B2008	—	5-1/8"	
TMP-105-S2	AFG	F0	2-3/4"	0.50 X 70°A	—	AF72XZT	155	B2008	—	5-1/8"	
WCFO-105	AFG	F6	2-3/4"	0.75 X 80°B	—	AF90YBHSSS	100	B2008	—	—	2, 27
WCFO-120	AFG	F6	2-3/4"	0.85 X 80°B	—	AF90YBHSSS	100	B2008	—	—	2, 27
WCFO-85	AFG	F3	3-3/8"	0.60 X 80°A	—	AF65YHHSSS	100	B2008	—	—	2, 27
WHBO-10A	AFG	F3	3-3/8"	0.85 X 80°B	—	AF65YHHSSS	100	B2008	—	—	2, 27
WHBO-10A	AFG	F3	3-3/8"	0.75 X 80°B	—	AF65YHHSSS	100	B2008	—	—	2, 27
WHBO-10A	AFG	F3	3-3/8"	0.60 X 80°A	—	AF65YHHSSS	100	B2008	—	—	2, 27
WHBO-12A	AFG	F6	2-3/4"	1.00 X 80°B	—	AF90YBHSSS	100	B2008	—	—	2, 27
WHBO-12A	AFG	F6	2-3/4"	1.25 X 80°B	—	AF90YBHSSS	100	B2008	—	—	2, 27
WLBO-10A	AFG	F3	3-3/8"	0.60 X 80°A	—	AF65YHHSSS	100	B2008	—	—	2, 27



Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Williamson Co. (cont'd)</b>											
WLBO-10A	AFG	F3	3-3/8"	0.85 X 80°B	—	AF65YHHSSS	100	B2008	—	—	2, 27
WLBO-10A	AFG	F3	3-3/8"	0.75 X 80°B	—	AF65YHHSSS	100	B2008	—	—	2, 27
WLBO-12A	AFG	F6	2-3/4"	1.25 X 80°B	—	AF90YBHSSS	100	B2008	—	—	2, 27
WLBO-12A	AFG	F6	2-3/4"	1.00 X 80°B	—	AF90YBHSSS	100	B2008	—	—	2, 27
SCH/SCL 105	AFII 085	AF2-6	#3	0.60 X 60°W	—	HLX70HD	155	B7703	4.5	4-15/16"	
SCH/SCL 160	AFII 150	FB-3	—	0.85 X 70°B	—	FBX90HGXS	130	B7203	2.25	6-5/8"	
1164,5,7-10	SR	F6	2-3/4"	0.75 X 80°A	—	SR65RF	100	B1025	—	—	
1164,5,7-12	SR	F6	2-3/4"	0.85 X 80°A	—	SR65RF	100	B1025	—	—	
1164,5,7-15	SR	F6	2-3/4"	1.00 X 70°A	—	SR65RF	100	B1025	—	—	
1164,5,7-18	SR	F12	2-3/4"	1.35 X 80°A	—	SR72RH	100	B1025	—	—	
1274,5,7-10	SR	F6	2-3/4"	0.75 X 80°A	—	SR65RF	100	B1025	—	—	
1274,5,7-12	SR	F6	2-3/4"	0.85 X 80°A	—	SR65RF	100	B1025	—	—	
1274,5,7-15	SR	F6	2-3/4"	1.00 X 70°A	—	SR65RF	100	B1025	—	—	
(2) "HS" on air tube combination = ceramic heat shield on combustion head.											
(27) Requires Stainless Steel air tube.											
(31) The (H) in the Nozzle Description denotes a Hago.											
<b>Winchester</b>											
P-FLD12F05501	AFG	F3	3-3/8"	0.50 X 80°S	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
P-FLD12F08501	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
P-FLD12F08501A	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
P-FLD16F10001	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
P-FLD16F10001A	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
P-FLD20F12501	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	S-7 / B-0	—	1
P-FLD20F12501A	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	S-7 / B-0	—	1
P-FMD12F05501	AFG	F3	3-3/8"	0.50 X 80°S	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
P-FMD12F05501A	AFG	F3	3-3/8"	0.50 X 70°H	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
P-FMD12F08501	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
P-FMD12F08501A	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
P-FMD16F08501A	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
P-FMD16F10001	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
P-FMD16F10001A	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
P-FMD20F10001A	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
P-FMD20F12501	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	S-7 / B-0	—	1
P-FMD20F12501A	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	S-7 / B-0	—	1
P-FMD20F17001A	AFG	F12	2-3/4"	1.50 X 70°S	—	AF67XOFS	100	B2008	S-7 / B-0	—	1
(1) "FS" on air tube combination = fiber heat shield on combustion head.											
<b>Wise, Inc.</b>											
OC-100	AF	F3	2-3/4"	1.00 X 80°S	—	AF72XN	100	B3001	S-7 / B-0	—	
OC-110	AF	F12	2-3/4"	1.10 X 80°S	—	AF72XO	100	B3001	S-7 / B-0	—	
OC-75	AF	F3	2-3/4"	0.75 X 80°S	—	AF72XN	100	B3001	S-7 / B-0	—	
OC-90	AF	F3	2-3/4"	0.90 X 80°S	—	AF72XN	100	B3001	S-7 / B-0	—	
OG-60	AF	F3	2-3/4"	0.60 X 80°S	—	AF72XN	100	B3001	S-7 / B-0	—	
OG-75	AF	F3	2-3/4"	0.75 X 80°S	—	AF72XN	100	B3001	S-7 / B-0	—	
OH-100R,F	AF	F3	2-3/4"	1.00 X 80°S	—	AF72XN	100	B3001	S-7 / B-0	—	
OH-110R,F	AF	F12	2-3/4"	1.10 X 80°S	—	AF72XO	100	B3001	S-7 / B-0	—	
OH-125R,F	AF	F12	2-3/4"	1.25 X 80°S	—	AF72XO	100	B3001	S-7 / B-0	—	
OH-75R,F	AF	F3	2-3/4"	0.75 X 80°S	—	AF72XN	100	B3001	S-7 / B-0	—	
OH-90R,F	AF	F3	2-3/4"	0.90 X 80°S	—	AF72XN	100	B3001	S-7 / B-0	—	
OL-100	AF	F3	2-3/4"	1.00 X 80°S	—	AF72XN	100	B3001	S-7 / B-0	—	
OL-120	AF	F12	2-3/4"	1.20 X 70°S	—	AF72XO	100	B3001	S-7 / B-0	—	
OL-135	AF	F12	2-3/4"	1.35 X 70°S	—	AF72XO	100	B3001	S-7 / B-0	—	

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>Wise, Inc. (cont'd)</b>											
OL-150	AF	F12	2-3/4"	1.50 X 70°S	—	AF72XO	100	B3001	S-7 / B-0	—	
OL-75	AF	F3	2-3/4"	0.75 X 80°S	—	AF72XN	100	B3001	S-7 / B-0	—	
OL-90	AF	F3	2-3/4"	0.90 X 80°S	—	AF72XN	100	B3001	S-7 / B-0	—	
OX-100	AF	F3	2-3/4"	1.00 X 80°S	—	AF72XN	100	B3001	S-7 / B-0	—	
OX-120	AF	F12	2-3/4"	1.20 X 70°S	—	AF72XO	100	B3001	S-7 / B-0	—	
OX-135	AF	F12	2-3/4"	1.35 X 70°S	—	AF72XO	100	B3001	S-7 / B-0	—	
OX-75	AF	F3	2-3/4"	0.75 X 80°S	—	AF72XN	100	B3001	S-7 / B-0	—	
OX-85	AF	F3	2-3/4"	0.85 X 80°S	—	AF72XN	100	B3001	S-7 / B-0	—	
<b>Wolf</b>											
CHK-22	AFG	L2	2-3/4"	0.60 X 60°W	5880	AFG70MPASN	140	B2007	S-2 / B-1	2-1/2"	9
CHK-29	AFG	L2	3-3/8"	0.75 X 60°W	—	AFG70MQASN	140	B2007	S-7 / B-0	3"	9, 40
CHK-37	AFG	L2	3-3/8"	0.85 X 60°B	—	AFG70MQASN	150	B2007	S-5 / B-0	3"	9
CHK-45	AFG	V1-1	2-3/4"	1.00 X 60°W	—	AFG70MDASN	150	B2007	S-6 / B-1	3-1/2"	9, 42
CHK-60	AFG	V1-2	—	1.25 X 60°B	—	AFG70MLASN	140	B2007	S-7 / B-1	3-3/4"	9, 42
<i>(9) Electrode settings of 1/4" above center of nozzle, 1/8" in front of nozzle and gap 5/32".</i>											
<i>(40) Must maintain 0° downward pitch on air tube/flange.</i>											
<i>(42) Must maintain 1° downward pitch on air tube/flange.</i>											
<b>XXTH Century</b>											
OZLEU119	AF	F3	2-3/4"	0.85 X 80°NS	—	AF47XN	100	B3001	S-7 / B-0	—	
OZLEU140	AF	F3	2-3/4"	1.00 X 80°NS	—	AF47XN	100	B3001	S-7 / B-0	—	
OZLEU168	AF	F6	2-3/4"	1.20 X 80°NS	—	AF47YB	100	B3001	S-7 / B-0	—	
OZLEU189	AF	F12	2-3/4"	1.35 X 80°NS	—	AF47XO	100	B3001	S-7 / B-0	—	
OZLEU210	AF	F12	2-3/4"	1.50 X 80°NS	—	AF47XO	100	B3001	S-7 / B-0	—	
OZLEU280	AF (X2)	F3	2-3/4"	1.00 X 80°NS	—	AF47XN	100	B3001	S-7 / B-0	—	
OZLEU336	AF (X2)	F6	2-3/4"	1.20 X 80°NS	—	AF47YB	100	B3001	S-7 / B-0	—	
OZHRI90	AFG	F0	2-3/4"	0.60 X 80°A	—	AF44XZT	100	B2007	S-7 / B-0	—	
OZLRS105	AFG	F3	2-3/4"	0.75 X 80°B	—	AF44XN	100	B2007	S-7 / B-0	—	
<b>York</b>											
P1FHD12F05501	AFG	F3	3-3/8"	0.50 X 70°H	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
P1FHD12F07301	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
P1FHD16F10001	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
P1FHD18F12501	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	S-7 / B-0	—	1
P-FHD12F05501	AFG	F3	3-3/8"	0.50 X 80°S	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
P-FHD12F08501	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
P-FHD16F10001	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
P-FHD20F12501	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	S-7 / B-0	—	1
P-FLD12F05501	AFG	F3	3-3/8"	0.50 X 70°H	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
P-FLD12F08501	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
P-FLD12F08501A	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
P-FLD16F10001	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
P-FLD16F10001A	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
P-FLD20F12501	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	S-7 / B-0	—	1
P-FLD20F12501A	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	S-7 / B-0	—	1
P-FMD12F05501A	AFG	F3	3-3/8"	0.50 X 70°H	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
P-FMD12F08501A	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
P-FMD16F08501A	AFG	F3	3-3/8"	0.75 X 70°H	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
P-FMD16F10001A	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
P-FMD20F10001A	AFG	F3	3-3/8"	0.90 X 70°H	5880	AF47YHFS	100	B2008	S-7 / B-0	—	1
P-FMD20F12501A	AFG	F6	2-3/4"	1.10 X 70°H	5880	AF67YBFS	100	B2008	S-7 / B-0	—	1

Appliance Model	Basic Burner Setup Information							Additional Information			Notes
	Burner Type	Head Type	Static Plate/ Stop Screw	Nozzle Type	Low Fire Rate Baffle	Std. Air Tube	Pump Pressure	Recom. Chassis	Approximate Air Settings*	Insertion Depth	
<b>York (cont'd)</b>											
P-FMD20F17001A	AFG	F12	2-3/4"	1.50 X 70°S	—	AF67XOFS	100	B2008	S-7 / B-0	—	1
<i>(1) "FS" on air tube combination = fiber heat shield on combustion head.</i>											
<b>Yukon</b>											
85 M PLUS	AFG	L1	3-3/8"	0.85 X 70°A	—	AFG70MA	100	B2007	S-10 / B-1	5"	
85 PLUS	AFG	L1	3-3/8"	0.85 X 70°A	—	AFG70MA	100	B2007	S-10 / B-1	5"	
ULTIMA U-90 03	AFG	L1	3-3/8"	0.65 X 70°A	—	AFG70MA	100	B2007	S-10 / B-1	5"	

# Nozzle Capacities Manufacturers / Spray Patterns

Rate gph @ 100 psi	Nozzle Capacities / U.S. Gallons per hour No. 2 Fuel Oil Operating Pressure: Pounds per Square Inch							
	125	140	150	175	200	250	275	300
.40	.45	.47	.49	.53	.56	.63	.66	.69
.50	.56	.59	.61	.66	.71	.79	.83	.87
.60	.67	.71	.74	.79	.85	.95	1.00	1.04
.65	.73	.77	.80	.86	.92	1.03	1.08	1.13
.75	.84	.89	.92	.99	1.06	1.19	1.24	1.30
.85	.95	1.01	1.04	1.13	1.20	1.34	1.41	1.47
.90	1.01	1.07	1.10	1.19	1.27	1.42	1.49	1.56
1.00	1.12	1.18	1.23	1.32	1.41	1.58	1.66	1.73
1.10	1.23	1.30	1.35	1.46	1.56	1.74	1.82	1.91
1.20	1.34	1.42	1.47	1.59	1.70	1.90	1.99	2.08
1.25	1.39	1.48	1.53	1.65	1.77	1.98	2.07	2.17
1.35	1.51	1.60	1.65	1.79	1.91	2.14	2.24	2.34
1.50	1.68	1.77	1.84	1.98	2.12	2.37	2.49	2.60
1.65	1.84	1.95	2.02	2.18	2.33	2.61	2.73	2.86
1.75	1.96	2.07	2.14	2.32	2.48	2.77	2.90	3.03
2.00	2.24	2.37	2.45	2.65	2.83	3.16	3.32	3.46
2.25	2.52	2.66	2.76	2.98	3.18	3.56	3.73	3.90
2.50	2.80	2.96	3.06	3.31	3.54	3.95	4.15	4.33
2.75	3.07	3.25	3.37	3.64	3.90	4.35	4.56	4.76
3.00	3.35	3.55	3.67	3.97	4.24	4.74	4.97	5.20
3.25	3.63	3.85	3.98	4.30	4.60	5.14	5.39	5.63
3.50	3.91	4.14	4.29	4.63	4.95	5.53	5.80	6.06
3.75	4.19	4.44	4.59	4.96	5.30	5.93	6.22	6.50
4.00	4.47	4.73	4.90	5.29	5.66	6.32	6.63	6.93
4.50	5.04	5.32	5.51	5.95	6.36	7.11	7.46	7.79
5.00	5.59	5.92	6.12	6.61	7.07	7.91	8.29	8.66
5.50	6.15	6.51	6.74	7.27	7.78	8.70	9.12	9.53
6.00	6.71	7.10	7.35	7.94	8.49	9.49	9.95	10.39
6.50	7.26	7.69	7.96	8.60	9.19	10.28	10.78	11.26
7.00	7.82	8.28	8.57	9.25	9.90	11.07	11.61	12.12
7.50	8.38	8.87	9.19	9.91	10.61	11.86	12.44	12.99
8.00	8.94	9.47	9.80	10.58	11.31	12.65	13.27	13.86
8.50	9.50	10.06	10.41	11.27	12.02	13.44	14.10	14.72
9.00	10.06	10.65	11.02	11.91	12.73	14.23	14.93	15.59
9.50	10.60	11.24	11.64	12.60	13.44	15.02	15.75	16.45
10.00	11.18	11.83	12.25	13.23	14.14	15.81	16.58	17.32
10.50	11.74	12.42	12.86	13.89	14.85	16.60	17.41	18.19
11.00	12.30	13.02	13.47	14.55	15.56	17.39	18.24	19.05
12.00	13.42	14.20	14.70	15.88	16.97	18.97	19.90	20.79

## Manufacturers / Spray Patterns

Danfoss	Delavan	Hago	Monarch	Steinen
AS-SOLID	A-HOLLOW	ES-SOLID	R-SOLID	S-SOLID
AH-HOLLOW	B-SOLID	P-SOLID	NS-HOLLOW	SS-SEMI-SOLID
AB-SEMI-SOLID	W-ALL PURPOSE	SS-SEMI-SOLID	AR-SPECIAL SOLID	H-HOLLOW
	SS-SEMI-SOLID	H-HOLLOW	PLP-SEMI-SOLID	
		B-SOLID	PL-HOLLOW	

# Helpful Conversion Factors for Heating Systems

Multiply	by	to obtain:
Atmosphere (atm)	14.70	lb. per sq. in. (psi)
Boiler Horsepower	34.50	pounds steam/hr @ 212°F.
Boiler Horsepower	33,475	BTU per hour
Cubic feet (cu. ft.)	7.481	gallons (gal.)
Degrees–Centigrade (°C)	$(^{\circ}\text{C} \times 1.8) + 32$	degrees–Fahrenheit (°F)
Degrees–Fahrenheit (°F)	$(^{\circ}\text{F} - 32) \times 5/9$	degrees–Centigrade (°C)
Gallon, # 2 Oil	7.1	pounds (lbs.) approx.
Gallon, Water	8.337	pounds (lbs.)
Horsepower	.3	GPH
Horsepower–U.S. & British	33,000	foot pounds per minute
Horsepower–U.S. & British	42.42	BTU per minute
Inches Mercury (in. Hg)	13.60	inches water (in. w.c.)
Inches Mercury (in. Hg)	0.4912	pounds per square in. (psi)
Inches Water (in. w.c.)	0.0735	inches mercury (in. Hg)
Inches Water (in. w.c.)	0.0361	pounds per square in. (psi)
Kilocalorie (kcal)	.0284	GPH
Kilocalorie (kcal)	3.968	BTU
Kilogram/hr (kgh)	.3125	GPH
Kilowatt (kw)	.0244	GPH
Kilowatt hours (kwh)	3,413	BTU
Kilowatt (kw)	1.341	horsepower–U.S. & British
Liter	.2642	GPH
Pound–Steam @ 212°F	970.3	BTU (heat of evaporation)
Sq. Ft. Steam	240	BTU
Sq.Ft.Water	150	BTU
Watt Hour (whr)	3.413	BTU

Divide...	by...	to obtain:
BTU input	140,000	GPH #2 Oil
Gross Sq. Ft. Steam	360	GPH #2 Oil
Net BTUH (Output)	112,000	GPH #2 Oil
Net MBH (Output)	112	GPH #2 Oil
Net Sq. Ft. Steam	466	GPH #2 Oil
Sq. Ft. Heating Surface	27	GPH #2 Oil

# Helpful Conversion Factors for Heating Systems

## Boiler Tube Sizing (Pg. 7-205 Hoffman data book)

$$\frac{\text{Sq.ft. heating surface} \times 1.15}{10} = \text{Hp} \times .3 = \text{Gph}$$

## Water Capacity Per Foot of Pipe

Pipe Size	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"	5"	6"
Gallons Per Foot	.016	.023	.040	.063	.102	.17	.275	.39	.53	.69	1.1	1.5

### Most Common pipe sizes

### Sq. Ft. of surface (ext) per 1 foot pipe

3" pipe	—	0.916
3-1/2" pipe	—	1.047
4" pipe	—	1.178

### Oil Pressure vs. Nozzle Flow Rate Conversion

1. Divide new pressure by 100 psi  
(Standard nozzle pressure)

EXAMPLE:  $140 \div 100 = 1.4$

2. Obtain square root. (Use calculator)

EXAMPLE:  $1.4 \sqrt{\quad} = 1.1832159$

3. Multiply result by nozzle size at 100 psi.

EXAMPLE:  $1.1832159 \times 1.00 = 1.18 \text{ gph}$

This is your new gph flow rate @ 140 psi

### How To Figure Domestic Water

1 gal. #2 oil per hr. = 140,000 BTUH  
 $140,000 \times 80\% = 112,000 \text{ gross BTUH}$

1 gal. water = 8.3 lb.

To raise 1 lb. Water  $1^\circ\text{F} = 1 \text{ BTU}$

To raise 8.3 lb. Water  $100^\circ\text{F}$

in 1 minute =  $8.3 \times 100^\circ\text{F} = 830 \text{ BTU/min.}$

To raise 8.3 lb. Water  $80^\circ\text{F}$

in 1 minute =  $8.3 \times 80^\circ\text{F} = 664$

$\frac{112,000 \text{ BTU Gross hr.}}{60 \text{ min.}} = 1866.66 \text{ BTU Gross per min.}$

$\frac{1866.66}{830} = 2.2489 \text{ gal. per min. } 100^\circ\text{F rise.}$

$\frac{1866.66}{664} = 2.2489 \text{ gal. per min. } 80^\circ\text{F rise.}$

$40^\circ\text{F inlet Water} + 100^\circ\text{F rise} = 140^\circ\text{F.}$

$40^\circ\text{F inlet Water} + 80^\circ\text{F rise} = 120^\circ\text{F}$





## Enhance Performance

To help your hydronic customers realize up to 20% energy savings on their heating bills and reduce burner cycling, suggest a Beckett AquaSmart when replacing a Boiler Temperature Control.

The Beckett AquaSmart is an advanced Boiler Temperature Control designed for use on residential and light commercial boiler systems. The AquaSmart comes equipped with the Department of Energy (DOE) 2012 compliant HeatManager. All models include the option of enabling the Beckett HeatManager load-matching energy saving calculation. When selected it provides up to 20% fuel consumption savings.

- The applications listed in this book were developed using Beckett branded parts.
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