

Carlin Gas Burner Selection Guide

Using this Manual:

This guide contains an alphabetical listing of oil fired appliances with the recommended Carlin gas conversion burner(s) for each.

Residential Applications:

Carlin EZGas Pro burners for residential applications, are available in three configurations:

- Appliance Specific Burners— Factory configured for specific appliance. Includes welded flange, pre-drilled orifice, and factory mounted diffuser plate and air band.
- Universal (Full Firing Range) Burners – Includes Adjustable Flange, Three Diffuser Plates (A, B and 9-Slot), Two Air Bands and a Field Drilled Orifice. Comes in two models: 10" tube for Boilers and a 14" tube for Water Heaters and Furnaces. To configure the burner, the installer uses the set-up guide and/or the installation manual shipped with the burner.
- Multi-Fit Burners – Includes Adjustable Flange, One Diffuser Plate, One Air Band, and a Field Drilled Orifice. Each is designed to fit a variety of appliances within a given BTU range.
Note: Carlin recommends that Wholesalers stocking the Multi-fit convert to the more versatile Universal Models.

Commercial Applications:

- **Appliance Specific Burners** - Commercial burners will come with a welded air tube flange, gas train, and pre-drilled orifice.
- **Adjustable Flange Burners** - Burners will come with an adjustable flange and the installer will need to follow the instructions in the set-up guide, and/or the installation manual.

Commercial burners listed are configured for standard gas pressure and require 5" to 14" of water column. If your incoming gas pressure is less than 5"wc running pressure you will require a low gas pressure train. Call the factory for additional information.

Note: This guide is updated frequently as test results are generated. If you do not see the appliance you are looking for please contact the factory for additional information.

Burner listing

Carlin EZGas Pro burners and 201GAS are C-UL listed, for use in the US or Canada, per ANSI Z21.17/CSA2.7 - latest edition, for use with natural gas or propane gas.

Commercial Gas Burners are C-UL listed, for use in the US or Canada, per UL795 /CGA3.4 - latest edition, for use with natural gas or propane gas.

Specify Canadian application when ordering the burner to obtain proper labeling and manuals.

Important: Carlin Gas Burners should be installed or serviced only by licensed trained professionals in accordance with Carlin's instructions and ANZI 21.8, *Installation of Gas Conversion Burners* and meet all local and national gas codes.

Gas Burner Selection Guide

Appliance Model	Input MBH	Burner Model	Gas Burner Part Number				Diffuser/Head	Air Tube	OEM Air Tube	Insertion Depth	Orifice Size		Air Setting	Air Band	Head Bar	Air Shutter	Manifold Pressure
			Appl Specific - Natural Gas	Appl Specific - Propane	Multi-Fit	Universal					Natural Gas	Propane					

AJAX Boiler Inc.

WFG-450	360	201GAS	N/A	N/A	9859310AFRA	N/A	A	10"	Universal	4 3/4	1/2 (.500)	T (.358)	7/16"	4 slot	-	none	3.5
	450	201GAS	N/A	N/A	9859310AFRA	N/A	A	10"	Universal	4 3/4	3/4 (.750)	1/2 (.500)	1 1/2"	4 slot	-	none	3.5

Armstrong Furnace

LUF80B84	105	EZGas Pro	N/A	N/A	9859212BFR1	9859214FRU	B	12"	Universal	5	15/64 (.234)	#14 (.182)	25%	1 slot	-	blank	3.5
LUF95D16	120	EZGas Pro	N/A	N/A	9859212BFR1	9859214FRU	B	12"	Universal	5	B (.238)	#9 (.196)	12%	1 slot	-	blank	3.5

Axeman Anderson

WL140	105	EZGas Pro	N/A	N/A	9859210BFR1	9859210FRU	B	10"	Universal	2	#2 (.221)	#18 (.169)	28%	1 slot	-	blank	3.3NG/3.5LP
	119	EZGas Pro	N/A	N/A	9859210BFR1	9859210FRU	B	10"	Universal	2	C (.242)	#11 (.191)	35%	1 slot	-	blank	3.4NG/3.5LP
	140	EZGas Pro	N/A	N/A	9859210BFR1	9859210FRU	B	10"	Universal	2	F (.257)	#6 (.204)	48%	1 slot	-	blank	3.5
WL182 ¹	140	EZGas Pro	N/A	N/A	9859210BFR1	9859210FRU	B	10"	Universal	2	F (.257)	#6 (.204)	48%	1 slot	-	blank	3.5
	165	EZGas Pro	N/A	N/A	9859210BFR1	9859210FRU	B	10"	Universal	2	19/64 (.297)	#1 (.228)	69%	1 slot	-	blank	3.5NG/3.4LP
	182	EZGas Pro	N/A	N/A	9859210BFR1	9859210FRU	B	10"	Universal	2	5/16 (.312)	15/64 (.234)	80%	1 slot	-	blank	3.5

¹ Need target wall 12"H x 15"W

Biasi/ QHT

B10/3	80	EZ-Gas Pro ¹	98864FRA	98864FRA	N/A	N/A	9S	10"S	99848	1 3/4	#15 (.180)	#25 (.149)	20NG/30LP	1 slot	-	blank	3.1NG/3.5LP
B10/4	112	EZ-Gas Pro ¹	98864FRB	98864FRB	N/A	N/A	9S	10"	98865	3	#1 (.228)	#15 (.180)	40NG/48LP	2 slot	-	blank	3.6NG/3.0LP
B10/5	140	EZGas Pro	98864FRC	98864FRC	N/A	N/A	9S	10"	98865	3	F (.257)	#5 (.205)	20%	2 slot	-	blank	3.5
B10/6	175	EZGas Pro	98864FRC	98864FRC	N/A	N/A	9S	10"	98865	3	5/16 (.312)	1/4 (.250)	36NG/41LP	2 slot	-	blank	3.5

Burner includes gasket under ignitor and grommet in access cover: kit # GSKTKIT1

¹ B10/3 and B10/4 burners require a 28 hole blender installed

Bock Water Heater

32PG, 32PPG	104	EZGas Pro	Order from Bock	Order from Bock	N/A	N/A	B	10"	9858401	5 3/8	#2 (.221)	#18 (.170)	25%	1 Slot	-	blank	3.5
33PG	104	EZGas Pro	Order from Bock	Order from Bock	N/A	N/A	B	10"	9858401	5 3/8	#2 (.221)	#18 (.170)	25%	1 Slot	-	blank	3.5
40PG, 40PPG	125	EZGas Pro	Order from Bock	Order from Bock	N/A	N/A	B	10"	9858401	5 3/8	D (.246)	#12 (.190)	45%	1 Slot	-	blank	3.5
50PG	140	EZGas Pro	Order from Bock	Order from Bock	N/A	N/A	B	10"	9858401	5 3/8	F (.257)	#5 (.206)	55%	1 Slot	-	blank	3.5
51PG, 51PPG	152	EZGas Pro	Order from Bock	Order from Bock	N/A	N/A	B	10"	9858401	5 3/8	I (.272)	7/32 (.219)	60%	1 Slot	-	blank	3.5
120PG	155	EZGas Pro	Order from Bock	Order from Bock	N/A	N/A	B	10"	9878401	5 3/8	I (.272)	7/32 (.219)	60%	1 Slot	-	blank	3.5
71PG	173	EZGas Pro	Order from Bock	Order from Bock	N/A	N/A	A	10"	9862201	5 3/8	N (.302)	# 1 (.228)	30%	2 Slot	-	blank	3.5
72PG	194	EZGas Pro	Order from Bock	Order from Bock	N/A	N/A	A	10"	9862201	5 3/8	O (.316)	F (.257)	50%	2 Slot	-	blank	3.5
73PG	242	EZGas Pro	Order from Bock	Order from Bock	N/A	N/A	A	10"	9862201	5 3/8	23/64 (.359)	19/64 (.296)	85%	2 Slot	-	blank	3.5
190PG	190	EZGas Pro	Order from Bock	Order from Bock	N/A	N/A	A	10"	9858501	5 3/8	P (.323)	1/4 (.250)	35%	2 Slot	-	blank	3.5
241PG	277	EZGas Pro	Order from Bock	Order from Bock	N/A	N/A	A	14"	9920401	8 3/4	29/64 (.453)	R (.339)	100%	2 Slot	-	blank	3.5
361PG	399	201GAS	Order from Bock	Order from Bock	N/A	N/A	A	14"	Universal	9 1/2	1/2 (.500)	13/32 (.406)	75%	4 Slot	-	none	3.5
32BCS PG	104	EZGas Pro	Order from Bock	Order from Bock	N/A	N/A	B	10"	9858401	5 3/8	#2 (.221)	#18 (.170)	10%	Air Boot	-	--	3.5
40BCS PG	125	EZGas Pro	Order from Bock	Order from Bock	N/A	N/A	B	10"	9858401	5 3/8	D (.246)	#12 (.190)	15%	Air Boot	-	--	3.5
51BCS PG	152	EZGas Pro	Order from Bock	Order from Bock	N/A	N/A	B	10"	9858401	5 3/8	I (.272)	7/32 (.219)	20%	Air Boot	-	--	3.5
120BCS PG	155	EZGas Pro	Order from Bock	Order from Bock	N/A	N/A	B	10"	9878401	5 3/8	I (.272)	7/32 (.219)	20%	Air Boot	-	--	3.5
190BCS PG	190	EZGas Pro	Order from Bock	Order from Bock	N/A	N/A	A	10"	9858501	5 3/8	P (.323)	1/4 (.250)	35%	Air Boot	-	--	3.5

Gas Burner Selection Guide

Appliance Model	Input MBH	Burner Model	Gas Burner Part Number				Diffuser/Head	Air Tube	OEM Air Tube	Insertion Depth	Orifice Size		Air Setting	Air Band	Head Bar	Air Shutter	Manifold Pressure
			Appl Specific - Natural Gas	Appl Specific - Propane	Multi-Fit	Universal					Natural Gas	Propane					

Buderus

G115-3	85	EZGas Pro	98897FR4	98897FR2	N/A	N/A	C	12"	50059	4	#3 (.213)	#22 (.157)	40%	1 slot	-	blank	3.5
G115-3WS	105	EZGas Pro	98897FR4	98897FR2	N/A	N/A	C	12"	50059	4	D (.246)	#9 (.196)	70NG/80LP	1 slot	-	blank	3.5
G115-4	110	EZGas Pro	98897FR1	98897FR8	N/A	N/A	B	12"	98896	4	7/32 (.219)	#17 (.173)	30%	1 slot	-	blank	3.5
G115-4WS	132	EZGas Pro	98897FR1	98897FR8	N/A	N/A	B	12"	98896	4	1/4 (.250)	#8 (.199)	40%	1 slot	-	blank	3.5
G115-5	140	EZGas Pro	98897FR3	98897FR5	N/A	N/A	B	12"	98896	4	I (.272)	#5 (.206)	50NG/45LP	1 slot	-	blank	3.5
G115-5WS	162	EZGas Pro	98897FR3	98897FR5	N/A	N/A	B	12"	98896	4	19/64 (.297)	#2 (.221)	55%	1 slot	-	blank	3.5
G115-3-DV	85	EZGas Pro	98897FR7	98897FR7	N/A	N/A	C	12"	50059	4	#3 (.213)	#22 (.157)	40%	Air Boot	-	--	3.5NG/3.4LP
G115-4-DV	110	EZGas Pro	98897FR6	98897FR6	N/A	N/A	B	12"	98896	4	7/32 (.219)	#17 (.173)	30%	Air Boot	-	--	3.5
G115-5-DV	140	EZGas Pro	98897FR6	98897FR6	N/A	N/A	B	12"	98896	4	I (.272)	#5 (.206)	50%	Air Boot	-	--	3.5

For covered burners use P/N 9887FR7 for the 3 section and P/N 98897FR6 for the 4 or 5 section boilers

Burner includes gasket under ignitor and grommet in access cover: kit # GSKTKIT1

Only use welded flange burners with G115 boilers.

G215 series - Not Recommended

Burnham (U.S. Boiler)

V903A	447	301GAS	99598FR3	99598FR3P	N/A	N/A	B	14" B	99597	4 1/8	31/64 (.484)	25/64 (.391)	30NG/35LP	4 slot	-	Full	3.5NG/3.4LP
V904A	606	301GAS	99598FR4	99598FR4P	N/A	N/A	B	14" B	99597	4 1/8	37/64 (.578)	7/16 (.438)	60NG/65LP	4 slot	-	Full	3.5NG/3.6LP
V905A	808	601GAS	99601FR5 (-M)	99601FR5P (-M)	N/A	N/A	11	14" B	99597	4 1/8	23/32 (.719)	33/64 (.516)	2	--	-	--	3.5NG/3.6LP
V906A	1010	601GAS	99601FR6 (-M)		N/A	N/A	12	14" D	99600	4 1/8	1 1/16 (1.06)		4	--	-	--	3.5
	1010			99601FR6P (-M)	N/A	N/A	11	14" C	99599	4 1/8		5/8 (.625)	4	--	-	--	3.5
V907A	1198	601GAS	99601FR7 (-M)		N/A	N/A	32	14" D	99600	4 1/8	15/16 (.938)		5	--	-	--	3.6
	1198			99601FR7P (-M)	N/A	N/A	31	14" C	99599	4 1/8		19/32 (.594)	4.5	--	-	--	3.5
V908A	1386	601GAS	99601FR8 (-M)		N/A	N/A	32	14" D	99600	4 1/8	1 1/8 (1.125)		8	--	-	--	3.5
	1386			99601FR8P (-M)	N/A	N/A	31	14" C	99599	4 1/8		11/16 (.688)	6	--	-	--	3.2

3 through 5 section boilers require 8" extended front plate P/N 6022909 and burner adapter plate P/N 602292311

Campo Equipment

MLPGFH315400	297	201GAS	N/A	N/A	9859316AFRA	N/A	A	16"	Universal	3 1/2	13/32 (.406)		10%	4 slot	-	--	3.5
	342	201GAS	N/A	N/A	9859316AFRA	N/A	A	16"	Universal	3 1/2	7/16 (.438)		5%	4 slot	-	--	3.5
	399	201GAS	N/A	N/A	9859316AFRA	N/A	A	16"	Universal	3 1/2	9/16 (.562)		60%	4 slot	-	--	3.5

Columbia Boiler

CBX-120	120	EZGas Pro	NG - 98768FRXN	LP - 98768FRXP	9859210BFR1	9859210FRU	B	10"	99553	1 3/4	C (.242)	#9 (.196)	40NG/49LP	1 slot	-	blank	3.5
CBX-140	140	EZGas Pro	NG - 98768FRXN	LP - 98768FRXP	9859210BFR1	9859210FRU	B	10"	99553	1 3/4	1/4 (.250)	7/32 (.218)	45NG/60LP	1 slot	-	blank	3.5
CBX-160	160	EZGas Pro	NG - 98768FRXN	LP - 98768FRXP	9859210BFR1	9859210FRU	B	10"	99553	1 3/4	L (.290)	15/64 (.234)	85%	1 slot	-	blank	3.5
CBX-120-DV	120	EZGas Pro	CVR-NG - 98768FR3	CVR-LP - 98768FR4	N/A	N/A	B	12"/10"	50171	1 3/4	C (.242)	#9 (.196)	11NG/17LP	Air Boot	-	--	3.5
CBX-140-DV	140	EZGas Pro	CVR-NG - 98768FR3	CVR-LP - 98768FR4	N/A	N/A	B	12"/10"	50171	1 3/4	1/4 (.250)	7/32 (.218)	17NG/25LP	Air Boot	-	--	3.5
CBX-160-DV	160	EZGas Pro	CVR-NG - 98768FR3	CVR-LP - 98768FR4	N/A	N/A	B	12"/10"	50171	1 3/4	L (.290)	15/64 (.234)	32%	Air Boot	-	--	3.5
CT-6	252	EZGas Pro	Order from Columbia	Order from Columbia	N/A	N/A	9S	12"	99630	4 3/4	3/8 (.375)	19/64 (.297)	80%	2 slot	-	blank	3.5
CT-6	252	202GAS	Order from Columbia	Order from Columbia	N/A	N/A	B	12"	99322	4 3/4	23/64 (.359)	19/64 (.297)	50%	2 Slot	-	full	3.5
CT-10	420	202GAS	Order from Columbia	Order from Columbia	N/A	N/A	A	12"	99321	4 3/4	43/64 (.672)	29/64 (.453)	80%	4 slot	-	none	3.6
CT-10	420	301GAS	Order from Columbia	Order from Columbia	N/A	N/A	B	14" B	99328	4 3/4	29/64 (.453)	S (.348)	15%	4 Slot	-	full	3.5
CT-15	630	301GAS	Order from Columbia	Order from Columbia	N/A	N/A	B	14" B	99328	4 3/4	37/64 (.578)	29/64 (.453)	65%	4 Slot	-	full	3.5
CT-20	840	301GAS	Order from Columbia	Order from Columbia	N/A	N/A	C	14" C	99327	4 3/4	3/4 (.750)	35/64 (.546)	35NG/50LP	4 Slot	-	none	3.5
CT-25	1050	601GAS	Order from Columbia	Order from Columbia	N/A	N/A	11	14" C	99327	4 3/4	1 (1.00)	19/32 (.593)	1.5NG/ 2LP	--	-	--	3.8NG/3.5LP

Gas Burner Selection Guide

Appliance Model	Input MBH	Burner Model	Gas Burner Part Number				Diffuser/ Head	Air Tube	OEM Air Tube	Insertion Depth	Orifice Size		Air Setting	Air Band	Head Bar	Air Shutter	Manifold Pressure
			Appl Specific - Natural Gas	Appl Specific - Propane	Multi-Fit	Universal					Natural Gas	Propane					

Columbia Boiler cont'd

GL-18	196	EZGas Pro	Order from Columbia	Order from Columbia	9859212AFR1	9859214FRU	A	12"	99630	4 3/4	5/16 (.312)	1/4 (.250)	35%	2 slot	-	blank	3.5
GL-18	196	201GAS	Order from Columbia	Order from Columbia	9859310CFR	N/A	C	10"	99904	3 1/2	11/32 (.344)	9/32 (.281)	50%	2 slot	-	full	3.5
GL-20	280	201GAS	Order from Columbia	Order from Columbia	9859310AFRA	N/A	A	10"	Universal	Adj	W (.386)	O (.316)	0%	4 slot	-	none	3.5
GL-22	336	201GAS	Order from Columbia	Order from Columbia	9859310AFRA	N/A	A	10"	Universal	Adj	27/64 (.422)	T (.358)	20%	4 slot	-	none	3.5
VT-3	150	EZGas Pro	Order from Columbia	Order from Columbia	9859212BFR1	9859214FRU	B	12"	99630	4 3/4	9/32 (.281)	7/32 (.218)	45%	1 slot	-	blank	3.5

Dynatherm Boiler Manufacturing

FP-18	91	EZGas Pro	Order from Dynatherm	Order from Dynatherm	9859210BFR1	9859210FRU	B	10"	99413	3	13/64 (.203)	9/64 (.140)	15NG/12LP	1 Slot	-	blank	3.5	
	105	EZGas Pro	Order from Dynatherm	Order from Dynatherm	9859210BFR1	9859210FRU	B	10"	99413	3	#3 (.213)	#21 (.159)	23%	1 Slot	-	blank	3.5	
	119	EZGas Pro	Order from Dynatherm	Order from Dynatherm	9859210BFR1	9859210FRU	B	10"	99413	3	15/64 (.234)	11/64 (.171)	33%	1 Slot	-	blank	3.5	
FP-24	119	EZGas Pro	Order from Dynatherm	Order from Dynatherm	9859210BFR1	9859210FRU	B	10"	99413	3	15/64 (.234)	11/64 (.171)	42%	1 Slot	-	blank	3.5	
	140	EZGas Pro	Order from Dynatherm	Order from Dynatherm	9859210BFR1	9859210FRU	B	10"	99413	3	17/64 (.265)	13/64 (.203)	60%	1 Slot	-	blank	3.5	
FP-36	175	EZGas Pro	Order from Dynatherm	Order from Dynatherm	9859210BFR1	9859210FRU	B	10"	99413	3	5/16 (.312)	B (.238)	90%	1 Slot	-	blank	3.5	
	175	EZGas Pro	Order from Dynatherm	Order from Dynatherm	N/A	9859210FRU	B	10"	99413	3	5/16 (.312)	B (.238)	50NG/40LP	2 Slot	-	blank	3.5	
	189	EZGas Pro	Order from Dynatherm	Order from Dynatherm	N/A	9859210FRU	B	10"	99413	3	Q (.332)	F (.257)	60NG/53LP	2 Slot	-	blank	3.5	
FP-48	210	EZGas Pro	Order from Dynatherm	Order from Dynatherm	N/A	9859210FRU	B	10"	99413	3	3/8 (.375)	J (.277)	83NG/67LP	2 Slot	-	blank	3.5	
	259	201GAS	Order from Dynatherm	Order from Dynatherm	9859310BFR	N/A	B	10"	99618	3	3/8 (.375)	5/16 (.312)	40%	2 Slot	-	full	3.3NG/3.5LP	
	280	201GAS	Order from Dynatherm	Order from Dynatherm	9859310BFR	N/A	B	10"	99618	3	3/8 (.375)	O (.316)	50%	2 Slot	-	full	3.7NG/3.2LP	
FP-48	300	201GAS	Order from Dynatherm	Order from Dynatherm	9859310BFR	N/A	B	10"	99618	3	25/64 (.390)	O (.316)	65NG/75LP	2 Slot	-	full	3.2NG/3.5LP	
	FP-18-DV	91	EZGas Pro	Order from Dynatherm	Order from Dynatherm	9859210BFR1	9859210FRU	B	10"	99413	3	13/64 (.203)	9/64 (.140)	6%	Air Boot	-	--	3.5
	105	EZGas Pro	Order from Dynatherm	Order from Dynatherm	9859210BFR1	9859210FRU	B	10"	99413	3	#3 (.213)	#21 (.159)	8%	Air Boot	-	--	3.5	
FP-24-DV	119	EZGas Pro	Order from Dynatherm	Order from Dynatherm	9859210BFR1	9859210FRU	B	10"	99413	3	15/64 (.234)	11/64 (.171)	12%	Air Boot	-	--	3.5	
	119	EZGas Pro	Order from Dynatherm	Order from Dynatherm	9859210BFR1	9859210FRU	B	10"	99413	3	15/64 (.234)	11/64 (.171)	10%	Air Boot	-	--	3.5	
	140	EZGas Pro	Order from Dynatherm	Order from Dynatherm	9859210BFR1	9859210FRU	B	10"	99413	3	17/64 (.265)	13/64 (.203)	18%	Air Boot	-	--	3.5	
FP-36-DV	175	EZGas Pro	Order from Dynatherm	Order from Dynatherm	9859210BFR1	9859210FRU	B	10"	99413	3	5/16 (.312)	B (.238)	37NG/28LP	Air Boot	-	--	3.5	
	175	EZGas Pro	Order from Dynatherm	Order from Dynatherm	N/A	9859210FRU	B	10"	99413	3	5/16 (.312)	B (.238)	37NG/32LP	Air Boot	-	--	3.5	
	189	EZGas Pro	Order from Dynatherm	Order from Dynatherm	N/A	9859210FRU	B	10"	99413	3	Q (.332)	F (.257)	43%	Air Boot	-	--	3.5	
210	EZGas Pro	Order from Dynatherm	Order from Dynatherm	N/A	9859210FRU	B	10"	99413	3	3/8 (.375)	J (.277)	75NG/85LP	Air Boot	-	--	3.5		

NEED COVER KIT FOR DIRECT VENT MODELS

EFM

PK440/ PK450	120	EZGas Pro	N/A	N/A	9859214SFR3	9859214FRU	9S	12"S	50677	5 1/2	C (.242)	11/64 (.172)	34NG/23LP	1 slot	-	blank	3.5
	140	EZGas Pro	N/A	N/A	9859214SFR3	9859214FRU	9S	12"S	50677	5 1/2	1/4 (.250)	13/64 (.203)	42%	1 slot	-	blank	3.5
	160	EZGas Pro	N/A	N/A	9859214SFR3	9859214FRU	9S	12"S	50677	5 1/2	L (.290)	7/32 (.218)	68NG/72LP	1 slot	-	blank	3.5
SPK-600	180	EZGas Pro	N/A	N/A	9859214SFR3	9859214FRU	9S	12"S	50677	5 1/2	N (.302)	C (.242)	30NG/40LP	2 slot	-	blank	3.5
	200	EZGas Pro	N/A	N/A	9859214SFR3	9859214FRU	9S	12"S	50677	5 1/2	5/16 (.312)	17/64 (.266)	30NG/49LP	2 slot	-	blank	3.5
VT1000	220	EZGas Pro	N/A	N/A	9859214SFR3	9859214FRU	9S	12"S	50677	5 1/2	T (.358)	9/32 (.281)	42NG/50LP	2 slot	-	blank	3.5
	120	EZGas Pro	N/A	N/A	9859214SFR3	9859214FRU	9S	12"S	50677	5 1/2	C (.242)	11/64 (.172)	40NG/30LP	1 slot	-	blank	3.5
VT1000	140	EZGas Pro	N/A	N/A	9859214SFR3	9859214FRU	9S	12"S	50677	5 1/2	1/4 (.250)	13/64 (.203)	47NG/40LP	1 slot	-	blank	3.5
	160	EZGas Pro	N/A	N/A	9859214SFR3	9859214FRU	9S	12"S	50677	5 1/2	L (.290)	7/32 (.218)	65NG/70LP	1 slot	-	blank	3.5

Energy Kinetics

EK-1 Frontier	80	EZGas Pro	Order from EK	Order from EK	N/A	N/A	B	7"	50710 ³	2 3/8	#8 (.199)	#25 (.149)	¹ 25% ²	1 Slot	-	blank	3.5
	100	EZGas Pro	Order from EK	Order from EK	N/A	N/A	B	7"	50710 ³	2 3/8	#1 (.228)	#16 (.177)	¹ 40% ²	1 Slot	-	blank	3.5
	120	EZGas Pro	Order from EK	Order from EK	N/A	N/A	B	7"	50710 ³	2 3/8	C (.242)	#12 (.189)	¹ 50% ²	1 Slot	-	blank	3.5
	150	EZGas Pro	Order from EK	Order from EK	N/A	N/A	B	7"	50710 ³	2 3/8	J (.277)	7/32 (.219)	¹ 70% ²	1 Slot	-	blank	3.5

¹ When firing Natural Gas set O₂ readings between 4.5%-5.5%

² When firing Propane gas set O₂ reading between 4.5%-6.0%

³ Older versions used a 10" air tube with dual flanges. Use part number 9921501 for EK-1 and part number 9921401 for EK-2.

Gas Burner Selection Guide

Appliance Model	Input MBH	Burner Model	Gas Burner Part Number				Diffuser/ Head	Air Tube	OEM Air Tube	Insertion Depth	Orifice Size		Air Setting	Air Band	Head Bar	Air Shutter	Manifold Pressure
			Appl Specific - Natural Gas	Appl Specific - Propane	Multi-Fit	Universal					Natural Gas	Propane					

Energy Kinetics cont'd

EK-2 Frontier	175	EZGas Pro	Order from EK	Order from EK	N/A	N/A	A	7"	50795 ³	2 3/8	N (.302)	C (.242)	¹ 45% ²	2 Slot	-	blank	3.5
	200	EZGas Pro	Order from EK	Order from EK	N/A	N/A	A	7"	50795 ³	2 3/8	21/64 (.328)	17/64 (.266)	¹ 55% ²	2 Slot	-	blank	3.5
	225	EZGas Pro	Order from EK	Order from EK	N/A	N/A	A	7"	50795 ³	2 3/8	T (.358)	9/32 (.281)	¹ 70% ²	2 Slot	-	blank	3.5
	250	EZGas Pro	Order from EK	Order from EK	N/A	N/A	A	7"	50795 ³	2 3/8	X (.397)	5/16 (.312)	¹ 85% ²	2 Slot	-	blank	3.5
EK-3 Frontier	300	201GAS	Order from EK	Order from EK	N/A	N/A	A	10"	99484	2 3/8	27/64 (.422)	23/64 (.359)	10NG/16LP	4 Slot	-	none	3.5
	350	201GAS	Order from EK	Order from EK	N/A	N/A	A	10"	99484	2 3/8	1/2 (.500)	13/32 (.406)	35NG/50LP	4 Slot	-	none	3.5
	399	201GAS	Order from EK	Order from EK	N/A	N/A	A	10"	99484	2 3/8	23/32 (.712)	29/64 (.451)	65NG/85LP	4 Slot	-	none	3.5

¹ When firing Natural Gas set O₂ readings between 4.5%-5.5%

² When firing Propane gas set O₂ reading between 4.5%-6.0%

³ Older versions used a 10" air tube with dual flanges. Use part number 9921501 for EK-1 and part number 9921401 for EK-2.

Equipment Source

ES 700	650	301GAS	99370FR	99370FR	N/A	N/A	B	14" C	99373	4 3/4	19/32 (.594)	15/32 (.469)	45NG/47LP	4 Slot	-	full	3.1
	700	301GAS	99370FR	99370FR	N/A	N/A	B	14" C	99373	4 3/4	19/32 (.594)	15/32 (.469)	47NG/57LP	4 Slot	-	full	3.5

Fleetline Products Ltd.

Aqua-Matic Series Boiler																	
80	80	EZGas Pro	98711FR1	98711FR1	9859210BFR1	9859210FRU	B	10"	98710	2 7/8	#10 (.194)	#24 (.152)	8%	1 Slot	-	blank	3.5
100	100	EZGas Pro	98711FR1	98711FR1	9859210BFR1	9859210FRU	B	10"	98710	2 7/8	15/64 (.234)	#18 (.169)	20%	1 Slot	-	blank	3.0
120	120	EZGas Pro	98711FR1	98711FR1	9859210BFR1	9859210FRU	B	10"	98710	2 7/8	C (.242)	#11 (.191)	30%	1 Slot	-	blank	3.5
150	150	EZGas Pro	98711FR1	98711FR1	9859210BFR1	9859210FRU	B	10"	98710	2 7/8	I (.272)	15/64 (.234)	40%	1 Slot	-	blank	3.5
180	180	EZGas Pro	98711FR1	98711FR1	9859210BFR1	9859210FRU	B	10"	98710	2 7/8	O (.316)	1/4 (.250)	70%	1 Slot	-	blank	3.5
120 ¹	120	EZGas Pro	98711FR1	98711FR1	9859210BFR1	9859210FRU	B	10"	98710	2 7/8	C (.242)	#11 (.191)	15%	Air Boot	-	--	3.5
150 ²	150	EZGas Pro	98711FR1	98711FR1	9859210BFR1	9859210FRU	B	10"	98710	2 7/8	I (.272)	15/64 (.234)	20%	Air Boot	-	--	3.5
180 ²	180	EZGas Pro	98711FR1	98711FR1	9859210BFR1	9859210FRU	B	10"	98710	2 7/8	O (.316)	1/4 (.250)	35%	Air Boot	-	--	3.5

NEED COVER KIT FOR DIRECT VENT MODELS

FW Webb PurePro Trio

P3	85	EZGas Pro	Order from FW Webb	Order from FW Webb	N/A	N/A	9S	12"/ 10"	50363B	1 3/4	#12 (.189)	#23 (.154)	10%	1 slot	-	blank	3.5
	105	EZGas Pro	Order from FW Webb	Order from FW Webb	N/A	N/A	9S	12"/ 10"	50363B	1 3/4	#1 (.228)	#15 (.180)	20%	1 slot	-	blank	3.5
P4	116	EZGas Pro	Order from FW Webb	Order from FW Webb	N/A	N/A	9S	12"/ 10"S	50361B	1 3/4	15/64 (.234)	#13 (.185)	18%	2 slot	-	blank	3.5
	140	EZGas Pro	Order from FW Webb	Order from FW Webb	N/A	N/A	9S	12"/ 10"S	50361B	1 3/4	G (.261)	#6 (.204)	25%	2 slot	-	blank	3.5
P5	145	EZGas Pro	Order from FW Webb	Order from FW Webb	N/A	N/A	9S	12"/ 10"S	50361B	1 3/4	17/64 (.266)	#4 (.209)	27%	2 slot	-	blank	3.5
	175	EZGas Pro	Order from FW Webb	Order from FW Webb	N/A	N/A	9S	12"/ 10"S	50361B	1 3/4	5/16 (.312)	C (.242)	40%	2 slot	-	blank	3.5

P6 Not recommended

P7 Not recommended

Burner includes gasket under ignitor and grommet in access cover: kit # GSKTKIT1

Giant Factories Inc.

OG32	84	EZGas Pro	99952FR	99952FR	9859210BFR1	9859210FRU	B	10"	99951	2 7/8	#9 (.196)	9/64 (.140)	20%	1 Slot	-	blank	3.5
	91	EZGas Pro	99952FR	99952FR	9859210BFR1	9859210FRU	B	10"	99951	2 7/8	#4 (.209)	#25 (.149)	25%	1 Slot	-	blank	3.5
	105	EZGas Pro	99952FR	99952FR	9859210BFR1	9859210FRU	B	10"	99951	2 7/8	#1 (.228)	#15 (.180)	35%	1 Slot	-	blank	3.5
OG50	98	EZGas Pro	99952FR	99952FR	9859210BFR1	9859210FRU	B	10"	99951	2 7/8	7/32 (.219)	#18 (.170)	30%	1 Slot	-	blank	3.5
	105	EZGas Pro	99952FR	99952FR	9859210BFR1	9859210FRU	B	10"	99951	2 7/8	15/64 (.234)	#14 (.182)	40%	1 Slot	-	blank	3.5
	119	EZGas Pro	99952FR	99952FR	9859210BFR1	9859210FRU	B	10"	99951	2 7/8	D (.246)	#10 (.193)	45%	1 Slot	-	blank	3.5

Ground Heaters

Artic Bear		301GAS	99512FR	99512FR	9931214MFR	9931214MFR	C	14" C	99511	4 1/2	5/8 (.625)	15/32 (.469)	80%	4 slot	-	full	4.2
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Gas Burner Selection Guide

Appliance Model	Input MBH	Burner Model	Gas Burner Part Number				Diffuser/ Head	Air Tube	OEM Air Tube	Insertion Depth	Orifice Size		Air Setting	Air Band	Head Bar	Air Shutter	Manifold Pressure
			Appl Specific - Natural Gas	Appl Specific - Propane	Multi-Fit	Universal					Natural Gas	Propane					

Hallmark Furnace

HBD-85	105	EZGas Pro	99143FR2	99143FR2	9859214BFR1	9859214FRU	B	14"	Universal	5 3/4	#2 (.221)	#16 (.177)	20%	1 slot	-	blank	3.5
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For covered burner use P/N 99143FR3.

John Wood Water Heater

JW317/ 327	105	EZGas Pro	99315FR3	99315FR3A	9859214BFR1	9859214FRU	B	14"	9931601	7	7/32 (.219)	11/64 (.172)	22%	1 Slot	-	blank	3.5
JW517/ 527	119	EZGas Pro	99315FR5	99315FR5A	9859214BFR1	9859214FRU	B	14"	9931601	7	D (.246)	#7 (.201)	23%	1 Slot	-	blank	3.5
JW717/ 727	140	EZGas Pro	99315FR7	99315FR7A	9859214BFR1	9859214FRU	B	14"	9931601	7	17/64 (.266)	#3 (.213)	31%	1 Slot	-	blank	3.5
JWF307	91	EZGas Pro	99315FR30	99315FR30A	9859212BFR1	9859214FRU	B	12"	9966201	4 3/4	13/64 (.203)	#19 (.166)	12%	1 Slot	-	blank	3.5
	105	EZGas Pro	99315FR30B	99315FR30C	9859212BFR1	9859214FRU	B	12"	9966201	4 3/4	7/32 (.219)	11/64 (.172)	22%	1 Slot	-	blank	3.5
JWF507	105	EZGas Pro	99315FR50	99315FR50A	9859214BFR1	9859214FRU	B	12"	9966301	5 3/4	7/32 (.219)	11/64 (.172)	24%	1 Slot	-	blank	3.5
JWF657	140	EZGas Pro	99315FR6	99315FR6A	9859214BFR1	9859214FRU	B	14"	9931701	7 3/4	1/4 (.250)	#3 (.213)	25%	1 Slot	-	blank	3.5
	175	EZGas Pro	99315FR6B	99315FR6C	9859214BFR1	9859214FRU	B	14"	9931701	7 3/4	P (.323)	G (.261)	80%	1 Slot	-	blank	3.5

Lanair/ Clean Burn

CB1750	175	EZGas Pro	Order from Lanair/ Clean Burn		N/A	N/A	A	10"	Universal	Adj	5/16 (.312)	1/4 (.250)	35%	2 slot	-	blank	3.5
CB2500	250	EZGas Pro	Order from Lanair/ Clean Burn		N/A	N/A	A	10"	Universal	Adj	3/8 (.375)	L (.290)	75%	2 slot	-	blank	3.5
CB3250	325	201GAS	Order from Lanair/ Clean Burn		N/A	N/A	A	10"	Universal	Adj	7/16 (.437)	Q (.332)	25%	4 slot	-	none	3.5
CB3500	350	201GAS	Order from Lanair/ Clean Burn		N/A	N/A	A	10"	Universal	Adj	15/32 (.469)	11/32 (.344)	35%	4 slot	-	none	3.5

Metromatic

HBSU84	105	EZGas Pro	N/A	N/A	9859214BFR1	9859214FRU	B	14"	Universal	6	#1 (.228)	11/64 (.172)	20%	1 slot	-	blank	3.5
HBSU100	119	EZGas Pro	N/A	N/A	9859214BFR1	9859214FRU	B	14"	Universal	6	C (.242)	#11 (.191)	30%	1 slot	-	blank	3.5
HBSU120	140	EZGas Pro	N/A	N/A	9859214BFR1	9859214FRU	B	14"	Universal	6	1/4 (.250)	13/64 (.203)	40%	1 slot	-	blank	3.5

New Yorker Boiler Co.

FR-98-W	120	EZGas Pro	N/A	N/A	9859210SFR1	9859210FRU	9S	10"	Universal	1 1/2	C (.221)	#7 (.201)	35%	1 slot	-	blank	3.5
FR-122-W	150	EZGas Pro	N/A	N/A	9859210SFR1	9859210FRU	9S	10"	Universal	1 1/2	I (.272)	A (.234)	50%	1 slot	-	blank	3.5
FR-98-W-DV	120	EZGas Pro	N/A	N/A	9859210SFR1	9859210FRU	9S	10"	Universal	1 1/2	C (.221)	#7 (.201)	35%	1 slot	-	blank	3.5
FR-122-W-DV	150	EZGas Pro	N/A	N/A	9859210SFR1	9859210FRU	9S	10"	Universal	1 1/2	I (.272)	A (.234)	50%	1 slot	-	blank	3.5
HGSI	110	EZGas Pro	N/A	N/A	9859210SFR1	9859210FRU	9S	10"	Universal	1 1/2	A (.234)	#13 (.185)	30%	1 slot	-	blank	3.5NG/3.2LP
	140	EZGas Pro	N/A	N/A	9859210SFR1	9859210FRU	9S	10"	Universal	1 1/2	F (.257)	A (.234)	45%	1 slot	-	blank	3.5NG/3.2LP
HGSI-DV	110	EZGas Pro	N/A	N/A	9859210SFR1	9859210FRU	9S	10"	Universal	1 1/2	A (.234)	#13 (.185)	30%	1 slot	-	blank	3.5NG/3.2LP
	140	EZGas Pro	N/A	N/A	9859210SFR1	9859210FRU	9S	10"	Universal	1 1/2	F (.257)	A (.234)	45%	1 slot	-	blank	3.5NG/3.2LP

NEED COVER KIT FOR DIRECT VENT MODELS

Olsen Furnace

BCL 130S	154	EZGas Pro	N/A	N/A	9859214BFR1	9859214FRU	B	14"	Universal	6 1/2	I (.272)	#1 (.228)	50%	1 slot	-	blank	3.5
BCL145S	168	EZGas Pro	N/A	N/A	9859214BFR1	9859214FRU	B	14"	Universal	6 1/2	L (.290)	15/64 (.234)	60%	1 slot	-	blank	3.5
MPL 90	91	EZGas Pro	N/A	N/A	9859214BFR1	9859214FRU	B	14"	Universal	6 1/2	#2 (.221)	#16 (.177)	20%	1 slot	-	blank	3.5
MPL 100	101	EZGas Pro	N/A	N/A	9859214BFR1	9859214FRU	B	14"	Universal	6 1/2	A (.234)	#12 (.189)	30%	1 slot	-	blank	3.5
MPL 120	117	EZGas Pro	N/A	N/A	9859214BFR1	9859214FRU	B	14"	Universal	6 1/2	E (.250)	#8 (.199)	35%	1 slot	-	blank	3.5
MPL 130	128	EZGas Pro	N/A	N/A	9859214BFR1	9859214FRU	B	14"	Universal	6 1/2	17/64 (.267)	#4 (.209)	45%	1 slot	-	blank	3.5

Peerless (PB Heat)

EC/ECT-03-075	105	EZGas Pro	N/A	N/A	9859210SFR1	9859210FRU	S	10"	Universal	2 1/2	7/32 (.2187)	11/64 (.1718)	30%	1 slot	-	blank	3.5
EC/ECT-03-100	140	EZGas Pro	N/A	N/A	9859210SFR1	9859210FRU	S	10"	Universal	2 1/2	1/4 (.250)	13/64 (.2031)	42%	1 slot	-	blank	3.5

Gas Burner Selection Guide

Appliance Model	Input MBH	Burner Model	Gas Burner Part Number				Diffuser/ Head	Air Tube	OEM Air Tube	Insertion Depth	Orifice Size		Air Setting	Air Band	Head Bar	Air Shutter	Manifold Pressure
			Appl Specific - Natural Gas	Appl Specific - Propane	Multi-Fit	Universal					Natural Gas	Propane					
EC/ECT-03-120	168/150	EZGas Pro	N/A	N/A	9859210SFR1	9859210FRU	S	10"	Universal	2 1/2	17/64(.2656)	7/32(.2187)	65%	1 slot	-	blank	3.5

Peerless (PB Heat) cont'd

EC/ECT-04-125	175	EZGas Pro	N/A	N/A	9859210SFR1	9859210FRU	S	10"	Universal	2 1/2	9/32(.2812)	15/64 (.234)	40%	2 slot	-	blank	3.5
EC/ECT-04-150	210	EZGas Pro	N/A	N/A	9859210SFR1	9859210FRU	S	10"	Universal	2 1/2	21/64(.3281)	17/64(.2656)	60%	2 slot	-	blank	3.5
EC/ECT-04-175	245	EZGas Pro	N/A	N/A	9859210AFR1A	9859210FRU	A	10"	Universal	2 1/2	11/32 (.344)	9/32(.2812)	45%	2 slot	-	blank	3.5
EC/ECT-05-175	245	EZGas Pro	N/A	N/A	9859210AFR1A	9859210FRU	A	10"	Universal	2 1/2	11/32 (.344)	9/32(.2812)	45%	2 slot	-	blank	3.5
EC/ECT-05-200	280/275	EZGas Pro	N/A	N/A	9859210AFR1A	9859210FRU	A	10"	Universal	2 1/2	7/16(.4375)	11/32(.3437)	75%	2 slot	-	blank	3.5
EC/ECT-05-250	350	201GAS	N/A	N/A	9859310AFRA	N/A	A	10"	Universal	2 1/2	15/32(.4687)	23/64 (.359)	35%	2 slot	-	none	3.5
EC/ECT-06-275	385	201GAS	N/A	N/A	9859310AFRA	N/A	A	10"	Universal	2 1/2	1/2 (.500)	3/8 (.375)	40%	4 Slot	-	none	3.5
EC/ECT-06-300	420/399	201GAS	N/A	N/A	9859310AFRA	N/A	A	10"	Universal	2 1/2	9/16(.5625)	7/16(.4375)	60%	4 Slot	-	none	3.5

EC/ ECT applications based on field testing (not lab testing) - actual orifice sizes may vary.

SC/ SCT-05	433	301GAS	99582FRS5 (-M)	99582FRS5P (-M)	N/A	N/A	S	14" B	99749B	2 1/2	29/64 (.453)	3/8 (.375)	30NG/35LP	4 Slot	-	full	3.5NG/3.6LP
SC/ SCT-06	505	301GAS	99582FRS6 (-M)	99582FRS6P (-M)	N/A	N/A	S	14" B	99749A	2 1/2	1/2 (.500)	13/32 (.406)	50NG/65LP	4 Slot	-	full	3.5NG/3.4LP
SC/ SCT-07	577	301GAS	99582FRS7 (-M)	99582FRS7P (-M)	N/A	N/A	B	14" B	99749	2 1/2	35/64 (.547)	7/16 (.438)	40NG/50LP	4 Slot	-	full	3.3NG/3.5LP
SC/ SCT-08	649	301GAS	99582FRS8 (-M)	99582FRS8P (-M)	N/A	N/A	B	14" B	99749	2 1/2	19/32 (.594)	29/64 (.453)	60NG/65LP	4 Slot	-	full	3.4NG/3.5LP
SC/ SCT-09	722	301GAS	99582FRS9 (-M)	99582FRS9P (-M)	N/A	N/A	C	14" C	99733	2 1/2	19/32 (.594)	15/32 (.469)	40NG/50LP	4 Slot	-	center	3.5
SC/ SCT-10	794	301GAS	99582FRS10 (-M)	99582FRS10P (-M)	N/A	N/A	C	14" C	99733	2 1/2	21/32 (.656)	1/2 (.500)	55NG/65LP	4 Slot	-	center	3.4NG/3.5LP

For SC series use front plate # 90604 (order from Peerless)

LC-04	686	301GAS	99582FR4	99582FR4P	N/A	N/A	B	14" B	99581	2 1/8	19/32 (.594)	29/64 (.453)	80%	4 slot	-	center	3.5
LC-05R	808	301GAS	99582FR5R	99582FR5RP	N/A	N/A	C	14" C	99539	2 1/8	21/32 (.656)	1/2 (.500)	75%	4 slot	-	center	3.5
	808	601GAS	99583FR5R (-M)	99583FR5RP (-M)	N/A	N/A	11	14" C	99539	2 1/8	21/32 (.656)	1/2 (.500)	3.5NG/ 3LP	--	-	--	3.4NG/3.5LP
LC-05	881	301GAS	99582FR5	99582FR5P	N/A	N/A	C	14" C	99539	2 1/8	23/32 (.719)	35/64 (.547)	60NG/65LP	4 Slot	-	none	3.6NG/3.2LP
	881	601GAS	99583FR5 (-M)	99583FR5P (-M)	N/A	N/A	11	14" C	99539	2 1/8	23/32 (.719)	35/64 (.547)	4.5NG/ 4.75LP	--	-	--	3.6NG/3.1LP
LC-06	1077	601GAS	99583FR6 (-M)		N/A	N/A	22	14" D	99540	2 1/8	1 1/4		6.5	--	-	--	3.5
	1077			99583FR6P (-M)	N/A	N/A	21	14" C	99539	2 1/8		19/32 (.594)	6.5	--	-	--	3.5
LC-07	1273	601GAS	99583FR7 (-M)		N/A	N/A	32	14" D	99540	2 1/8	1 1/4		7.25	--	-	--	3
	1273			99583FR7P (-M)	N/A	N/A	31	14" C	99539	2 1/8		21/32 (.656)	7.25	--	-	--	3.5

For LC series with 301GAS & 601GAS use front plate # S1049 (order from Peerless)

WBV-03	140	EZGas Pro	99034FR2	99034FR2	9859210SFR1	9859210FRU	9S	10"	Universal	2 1/2	F (.257)	#3 (.213)	50%	1 slot	-	blank	3.4
WBV-04	133	EZGas Pro	99034FR2	99034FR2	9859210SFR1	9859210FRU	9S	10"	Universal	2 1/2	F (.257)	13/64 (.203)	32%	2 slot	-	blank	3.2NG/3.4LP
	175	EZGas Pro	99034FR2	99034FR2	9859210SFR1	9859210FRU	9S	10"	Universal	2 1/2	N (.302)	1/4 (.250)	42NG/50LP	2 slot	-	blank	3.6NG/3.2LP
	210	EZGas Pro	99034FR2	99034FR2	9859210SFR1	9859210FRU	9S	10"	Universal	2 1/2	23/64 (.359)	1/4 (.250)	42NG/50LP	2 slot	-	blank	3.7NG/3.5LP

Must have gasket under ignitor and grommet in access cover: kit # GSKTKIT1

Pensotti

DK2-3	98	EZGas Pro	Order from Pensotti	Order from Pensotti	N/A	N/A	9S	10"S	50682	3	#3 (.213)	#18 (.170)	18%	1 slot	-	blank	3.5NG/3.0LP
DK2-4	140	EZGas Pro	Order from Pensotti	Order from Pensotti	N/A	N/A	9S	10"S	50682	3	G (.261)	#3 (.213)	40%	1 slot	-	blank	3.5
DK2-5	175	EZGas Pro	Order from Pensotti	Order from Pensotti	N/A	N/A	9S	10"S	50682	3	O (.316)	C (.242)	72%	1 slot	-	blank	3.5
DK2-6	194	EZGas Pro	Order from Pensotti	Order from Pensotti	N/A	N/A	A	10"S	50682	3	21/64 (.328)	17/64 (.266)	48%	2 slot	-	blank	3.5
DK2-7	224	EZGas Pro	Order from Pensotti	Order from Pensotti	N/A	N/A	A	10"S	50682	3	U (.368)	19/64 (.297)	60NG/65LP	2 slot	-	blank	3.5
DK2-8 ¹	252	EZGas Pro	Order from Pensotti	Order from Pensotti	N/A	N/A	A	10"S	50682	3	29/64 (.453)	R (.339)	72% ¹	2 slot	-	blank	3.5

¹ Burner has spacer (0.100) between AFS cover and air band, P/N 50925

Burner includes gasket under ignitor and grommet in access cover: kit # GSKTKIT1

S1-18/ BL-3	97	EZGas Pro	Order from Pensotti	Order from Pensotti	N/A	N/A	B	10"S	9926601	3 1/4	7/32 (.219)	# 17 (.173)	25%	1 slot	-	blank	3.5
S1-26/ BL-4	137	EZGas Pro	Order from Pensotti	Order from Pensotti	N/A	N/A	B	10"S	9926601	3 1/4	I (.272)	7/32 (.219)	40NG/48LP	1 slot	-	blank	3.5
S1-34/ BL-5	177	EZGas Pro	Order from Pensotti	Order from Pensotti	N/A	N/A	A	10"S	9926501	3 1/4	O (.316)	1/4 (.250)	40%	2 slot	-	blank	3.5
S1-42/BL-6	217	EZGas Pro	Order from Pensotti	Order from Pensotti	N/A	N/A	A	10"S	9926501	3 1/4	W (.386)	L (.290)	62%	2 slot	-	blank	3.5
S1-50/ BL-7	257	EZGas Pro	Order from Pensotti	Order from Pensotti	N/A	N/A	A	10"S	9926501	3 1/4	7/16 (.438)	P (.323)	90NG/80LP	2 slot	-	blank	3.5

Regal Star (Bovertown Furnace)

Gas Burner Selection Guide

Appliance Model	Input MBH	Burner Model	Gas Burner Part Number				Diffuser/ Head	Air Tube	OEM Air Tube	Insertion Depth	Orifice Size		Air Setting	Air Band	Head Bar	Air Shutter	Manifold Pressure
			Appl Specific - Natural Gas	Appl Specific - Propane	Multi-Fit	Universal					Natural Gas	Propane					
RSM-600	84	EZGas Pro	Order from Boyertown	Order from Boyertown	N/A	N/A	9S	12"	98896	4	#12 (.189)	#23 (.154)	18%	1 slot	-	blank	3.3
	105	EZGas Pro	Order from Boyertown	Order from Boyertown	N/A	N/A	9S	12"	98896	4	#1 (.228)	#15 (.180)	32%	1 slot	-	blank	3.2NG/3.1LP

Slant Fin

L/ LD30	154	EZGas Pro	50364FR1	50364FR1	N/A	N/A	9S	12"/ 10"S	50304	2 1/8	9/32 (.281)	#1 (.228)	60%	1 slot	-	blank	3.5NG/3.4LP
	175	EZGas Pro	50364FR1	50364FR1	N/A	N/A	9S	12"/ 10"S	50304	2 1/8	O (.316)	15/64 (.234)	72%	1 slot	-	blank	3.4NG/3.5LP
L/ LD40	210	EZGas Pro	50364FR1	50364FR1	N/A	N/A	A	12"/ 10"S	50304	2 1/8	11/32 (.343)	17/64 (.266)	47%	2 slot	-	blank	3.4NG/3.5LP
	224	EZGas Pro	50364FR1	50364FR1	N/A	N/A	A	12"/ 10"S	50304	2 1/8	23/64 (.359)	9/32 (.281)	52%	2 slot	-	blank	3.5
	252	EZGas Pro	50364FR1	50364FR1	N/A	N/A	A	12"/ 10"S	50304	2 1/8	23/64 (.359)	21/64 (.328)	76%	2 slot	-	blank	3.7NG/3.4LP
TR30	154	EZGas Pro	50364FR1	50364FR1	N/A	N/A	9S	12"/ 10"S	50304	2 1/8	9/32 (.281)	#1 (.228)	60%	1 slot	-	blank	3.5NG/3.4LP
	175	EZGas Pro	50364FR1	50364FR1	N/A	N/A	9S	12"/ 10"S	50304	2 1/8	O (.316)	15/64 (.234)	72%	1 slot	-	blank	3.4NG/3.5LP
TR40	210	EZGas Pro	50364FR1	50364FR1	N/A	N/A	A	12"/ 10"S	50304	2 1/8	11/32 (.343)	17/64 (.266)	47%	2 slot	-	blank	3.4NG/3.5LP
	224	EZGas Pro	50364FR1	50364FR1	N/A	N/A	A	12"/ 10"S	50304	2 1/8	23/64 (.359)	9/32 (.281)	52%	2 slot	-	blank	3.5
	252	EZGas Pro	50364FR1	50364FR1	N/A	N/A	A	12"/ 10"S	50304	2 1/8	23/64 (.359)	21/64 (.328)	76%	2 slot	-	blank	3.7NG/3.4LP

L, LD, and TR series burners include gasket under ignitor and grommet in access cover: kit # GSKTKIT1

EC13	91	EZGas Pro	50364FR2	50364FR2	N/A	N/A	9S	12"S	50964	4 1/2	7/32 (.219)	#23 (.154)	20%	1 slot	-	blank	3.4
	98	EZGas Pro	50364FR2	50364FR2	N/A	N/A	9S	12"S	50964	4 1/2	#2 (.221)	#19 (.166)	25%	1 slot	-	blank	3.5

12" x 8" blanket required for EC series

EC series burners include gasket under ignitor and grommet in access cover: kit # GSKTKIT1

XL-30	119	EZGas Pro	50364FR3	50364FR3	9859210SFR1	9859210FRU	9S	10"	99553	1 3/4	#1 (.228)	#12 (.189)	20%	2 slot	-	blank	3.5
	140	EZGas Pro	50364FR3	50364FR3	9859210SFR1	9859210FRU	9S	10"	99553	1 3/4	1/4 (.250)	#6 (.204)	30%	2 slot	-	blank	3.5
	160	EZGas Pro	50364FR3	50364FR3	9859210SFR1	9859210FRU	9S	10"	99553	1 3/4	I (.272)	#1 (.228)	40%	2 slot	-	blank	3.5
XL-40	175	EZGas Pro	50364FR3	50364FR3	9859210SFR1	9859210FRU	9S	10"	99553	1 3/4	M (.295)	D (.246)	45%	2 slot	-	blank	3.5
	189	EZGas Pro	50364FR3	50364FR3	9859210SFR1	9859210FRU	9S	10"	99553	1 3/4	19/64 (.296)	1/4 (.250)	50%	2 slot	-	blank	3.5
	217	EZGas Pro	50364FR3	50364FR3	9859210SFR1	9859210FRU	9S	10"	99553	1 3/4	11/32 (.343)	9/32 (.281)	70%	2 slot	-	blank	3.5

Smith Cast-Iron Boilers

Series 8-3	105	EZGas Pro	99075FR3	99075FR3	N/A	N/A	B	10"S	9924101	2 1/4	7/32 (.219)	#17 (.173)	15%	1 slot	-	blank	3.5
	133	EZGas Pro	99075FR3	99075FR3	N/A	N/A	B	10"S	9924101	2 1/4	1/4 (.250)	3/16 (.188)	35%	1 slot	-	blank	3.5
Series 8-4	154	EZGas Pro	99075FR3	99075FR3	N/A	N/A	B	10"S	9924101	2 1/4	9/32 (.281)	7/32 (.219)	48%	1 slot	-	blank	3.5
	175	EZGas Pro	99075FR3	99075FR3	N/A	N/A	B	10"S	9924101	2 1/4	19/64 (.297)	1/4 (.250)	70%	1 slot	-	blank	3.5
Series 8-5	196	EZGas Pro	99075FR5	99075FR5	N/A	N/A	A	10"S	9921201	2 1/4	Q (.332)	I (.272)	42NG/52LP	2 slot	-	blank	3.5
	238	EZGas Pro	99075FR5	99075FR5	N/A	N/A	A	10"S	9921201	2 1/4	Y (.404)	5/16 (.312)	90%	2 slot	-	blank	3.5
Series 8-6	245	EZGas Pro	99075FR5	99075FR5	N/A	N/A	A	10"S	9921201	2 1/4	13/32 (.406)	5/16 (.312)	91%	2 slot	-	blank	3.5
	270	EZGas Pro	99075FR5	99075FR5	N/A	N/A	A	10"S	9921201	2 1/4	27/64 (.422)	11/32 (.344)	100%	2 slot	-	blank	3.5

For covered burners use P/N 99075FR1 for the 3 or 4 section and P/N 99075FR6 for the 5 or 6 section boilers

19A-03	375	201GAS	99076FR3	99076FR3P	N/A	N/A	A	12"	99543	4 3/4	9/16 (.563)	7/16 (.438)	60%	4 slot	-	none	3.5
19A-04	520	301GAS	99546FR4	99546FR4P	N/A	N/A	S	14" B	99728	4 3/4	17/32 (.531)	13/32 (.406)	45%	4 slot	-	center	3.5
19A-05	725	301GAS	99546FR5	99546FR5P	N/A	N/A	B	14" B	99528	4 3/4	5/8 (.625)	1/2 (.500)	60NG/70LP	4 slot	-	none	3.5
19A-06	931	301GAS	99546FR6	99546FR6P	N/A	N/A	C	14" C	99529	4 3/4	25/32 (.781)	9/16 (.562)	100%	4 slot	-	none	3.5
19A-06	931	601GAS	99548FR6	99548FR6P	N/A	N/A	11	14" B	99528	4 3/4	25/32 (.781)	9/16 (.562)	8	--	-	--	3.5NG/3.9LP
19A-07	1137	601GAS	99548FR7		N/A	N/A	12	14" D	99530	4 3/4	1 1/4 (1.25)		Open	--	-	--	3.6
	1137			99548FR7P			11	14" C	99529	4 3/4		5/8 (.625)	Open	--	-	--	3.5
19A-08	1342	601GAS	99548FR8		N/A	N/A	32	14" D	99530	4 3/4	1 1/8 (1.125)		9.5	--	-	--	3.5
	1342			99548FR8P			31	14" C	99529	4 3/4		11/16 (.688)	9.5	--	-	--	3.4

Add -M to part # for Mass Code

For 19A series with 301GAS & 601GAS use front plate # 3565 (order from Smith)

Solaia Boilers

SL375	85	EZGas Pro	Order from Boyertown	Order from Boyertown	N/A	N/A	9S	12"/ 10"	50363B	1 3/4	#12 (.189)	#23 (.154)	10%	1 slot	-	blank	3.5
	105	EZGas Pro	Order from Boyertown	Order from Boyertown	N/A	N/A	9S	12"/ 10"	50363B	1 3/4	#1 (.228)	#15 (.180)	20%	1 slot	-	blank	3.5

Gas Burner Selection Guide

Appliance Model	Input MBH	Burner Model	Gas Burner Part Number				Diffuser/ Head	Air Tube	OEM Air Tube	Insertion Depth	Orifice Size		Air Setting	Air Band	Head Bar	Air Shutter	Manifold Pressure
			Appl Specific - Natural Gas	Appl Specific - Propane	Multi-Fit	Universal					Natural Gas	Propane					
SL4100	116	EZGas Pro	Order from Boyertown	Order from Boyertown	N/A	N/A	9S	12"/ 10"S	50361B	1 3/4	15/64 (.234)	#13 (.185)	18%	2 slot	-	blank	3.5
	140	EZGas Pro	Order from Boyertown	Order from Boyertown	N/A	N/A	9S	12"/ 10"S	50361B	1 3/4	G (.261)	#6 (.204)	25%	2 slot	-	blank	3.5

Solaia Series burners are built with covers and come with gasket under ignitor and grommet in access cover: kit # GSKTKIT1

Solaia Boilers cont'd

SL5125	145	EZGas Pro	Order from Boyertown	Order from Boyertown	N/A	N/A	9S	12"/ 10"S	50361B	1 3/4	17/64 (.266)	#4 (.209)	27%	2 slot	-	blank	3.5
	175	EZGas Pro	Order from Boyertown	Order from Boyertown	N/A	N/A	9S	12"/ 10"S	50361B	1 3/4	5/16 (.312)	C (.242)	40%	2 slot	-	blank	3.5
SL6150	Not recommended																
SL7175	Not recommended																

Solaia Series burners are built with covers and come with gasket under ignitor and grommet in access cover: kit # GSKTKIT1

Southern Breeze

SB250		201GAS	99771	99771	9859314BFR2	N/A	B	12"	99770	7 3/4	13/32 (.406)	O (.316)	40%	2 Slot	-	none	3.5
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Thermo-Dynamics Boiler Co.

CWL-GS-100	100	EZGas Pro	Order from TDC	Order from TDC	N/A	N/A	9S	10"S	99393	3 1/2	#1 (.228)	5/32 (.156)	35%	1 slot	-	blank	3.5
CWL-GS-120	120	EZGas Pro	Order from TDC	Order from TDC	N/A	N/A	9S	10"S	99393	3 1/2	C (.242)	11/64 (.172)	43%	1 slot	-	blank	3.5
CWL-GS-140	140	EZGas Pro	Order from TDC	Order from TDC	N/A	N/A	9S	10"S	99393	3 1/2	1/4 (.250)	13/64 (.203)	52%	1 slot	-	blank	3.5
CWL-GS-100-DV	100	EZGas Pro	Order from TDC	Order from TDC	N/A	N/A	9S	10"S	99393	3 1/2	#1 (.228)	5/32 (.156)	35%	1 slot	-	blank	3.5
CWL-GS-120-DV	120	EZGas Pro	Order from TDC	Order from TDC	N/A	N/A	9S	10"S	99393	3 1/2	C (.242)	11/64 (.172)	43%	1 slot	-	blank	3.5
CWL-GS-140-DV	140	EZGas Pro	Order from TDC	Order from TDC	N/A	N/A	9S	10"S	99393	3 1/2	1/4 (.250)	13/64 (.203)	52%	1 slot	-	blank	3.5
EMG-31-120	120	EZGas Pro	Order from TDC	Order from TDC	N/A	N/A	9S	10"S	50659	1 3/4	C (.242)	11/64 (.172)	31%	1 slot	-	blank	3.5
EMG-31-140	140	EZGas Pro	Order from TDC	Order from TDC	N/A	N/A	9S	10"S	50659	1 3/4	1/4 (.250)	13/64 (.203)	45%	1 slot	-	blank	3.5
EMG-31-160	160	EZGas Pro	Order from TDC	Order from TDC	N/A	N/A	9S	10"S	50659	1 3/4	L (.290)	7/32 (.218)	65NG/78LP	1 slot	-	blank	3.5
EMG-180	180	EZGas Pro	Order from TDC	Order from TDC	N/A	N/A	9S	10"S	50659	1 3/4	N (.302)	C (.242)	38NG/45LP	2 slot	-	blank	3.5
EMG-200	200	EZGas Pro	Order from TDC	Order from TDC	N/A	N/A	9S	10"S	50659	1 3/4	5/16 (.312)	17/64 (.266)	33NG/50LP	2 slot	-	blank	3.5
EMG-220	220	EZGas Pro	Order from TDC	Order from TDC	N/A	N/A	9S	10"S	50659	1 3/4	T (.358)	9/32 (.281)	56NG/70LP	2 slot	-	blank	3.5
HT-120-GS	120	EZGas Pro	Order from TDC	Order from TDC	N/A	N/A	9S	10"S	50727	3 3/4	C (.242)	11/64 (.172)	30%	1 slot	-	blank	3.5
HT-140-GS	140	EZGas Pro	Order from TDC	Order from TDC	N/A	N/A	9S	10"S	50727	3 3/4	1/4 (.250)	13/64 (.203)	42%	1 slot	-	blank	3.5
HT-160-GS	160	EZGas Pro	Order from TDC	Order from TDC	N/A	N/A	9S	10"S	50727	3 3/4	L (.290)	7/32 (.218)	57NG/78LP	1 slot	-	blank	3.5
HT-II-165	225	EZGas Pro	N/A	N/A	9859210AFR1A	9859210FRU	A	10"	TBD	3 3/4	11/32 (.344)	9/32 (.281)	50%	2 Slot	-	blank	3.5
HT-II-175	250	EZGas Pro	N/A	N/A	9859210AFR1A	9859210FRU	A	10"	TBD	3 3/4	13/32 (.406)	5/16 (.312)	60%	2 Slot	-	Blank	3.5
HT-II-200	275	EZGas Pro	N/A	N/A	9859210AFR1A	9859210FRU	A	10"	TBD	3 3/4	7/16 (.438)	11/32 (.344)	85%	2 Slot	-	Blank	3.5
HT-II-225	300	201GAS	N/A	N/A	9859308AFR1	N/A	A	8"	TBD	3 3/4	27/64 (.422)	5/16 (.312)	30%	4 Slot	-	none	3.5
HT-II-250	350	201GAS	N/A	N/A	9859308AFR1	N/A	A	8"	TBD	3 3/4	15/32 (.469)	11/32 (.344)	35%	4 Slot	-	none	3.5
HT-II-275	399	201GAS	N/A	N/A	9859308AFR1	N/A	A	8"	TBD	3 3/4	9/16 (.563)	13/32 (.406)	70%	4 Slot	-	none	3.5
PK440/ PK450	120	EZGas Pro	Order from TDC	Order from TDC	9859214SFR3	N/A	9S	12"S	50677	5 1/2	C (.242)	11/64 (.172)	34NG/23LP	1 slot	-	blank	3.5
	140	EZGas Pro	Order from TDC	Order from TDC	9859214SFR3	N/A	9S	12"S	50677	5 1/2	1/4 (.250)	13/64 (.203)	42%	1 slot	-	blank	3.5
	160	EZGas Pro	Order from TDC	Order from TDC	9859214SFR3	N/A	9S	12"S	50677	5 1/2	L (.290)	7/32 (.218)	68NG/72LP	1 slot	-	blank	3.5
SPK-600	180	EZGas Pro	Order from TDC	Order from TDC	9859214SFR3	N/A	9S	12"S	50677	5 1/2	N (.302)	C (.242)	30NG/40LP	2 slot	-	blank	3.5
	200	EZGas Pro	Order from TDC	Order from TDC	9859214SFR3	N/A	9S	12"S	50677	5 1/2	5/16 (.312)	17/64 (.266)	30NG/49LP	2 slot	-	blank	3.5
	220	EZGas Pro	Order from TDC	Order from TDC	9859214SFR3	N/A	9S	12"S	50677	5 1/2	T (.358)	9/32 (.281)	42NG/50LP	2 slot	-	blank	3.5
TDX-120	120	EZGas Pro	Order from TDC	Order from TDC	9859210BFR1	9859210FRU	B	10"	99553	1 3/4	C (.242)	#9 (.196)	40NG/49LP	1 slot	-	blank	3.5
TDX-140	140	EZGas Pro	Order from TDC	Order from TDC	9859210BFR1	9859210FRU	B	10"	99553	1 3/4	1/4 (.250)	7/32 (.218)	45NG/60LP	1 slot	-	blank	3.5
TDX-160	160	EZGas Pro	Order from TDC	Order from TDC	9859210BFR1	9859210FRU	B	10"	99553	1 3/4	L (.290)	15/64 (.234)	82NG/85LP	1 slot	-	blank	3.5

Gas Burner Selection Guide

Appliance Model	Input MBH	Burner Model	Gas Burner Part Number				Diffuser/ Head	Air Tube	OEM Air Tube	Insertion Depth	Orifice Size		Air Setting	Air Band	Head Bar	Air Shutter	Manifold Pressure
			Appl Specific - Natural Gas	Appl Specific - Propane	Multi-Fit	Universal					Natural Gas	Propane					

Thermo-Dynamics Boiler Co. cont'd

TDX-120-DV	120	EZGas Pro	Order from TDC	Order from TDC	9859210BFR1	9859210FRU	B	12"/ 10"	50171	1 3/4	C (.242)	#9 (.196)	40NG/49LP	1 slot	-	blank	3.5
TDX-160-DV	160	EZGas Pro	Order from TDC	Order from TDC	9859210BFR1	9859210FRU	B	12"/ 10"	50171	1 3/4	L (.290)	15/64 (.234)	82NG/85LP	1 slot	-	blank	3.5
TDX-140-DV	140	EZGas Pro	Order from TDC	Order from TDC	9859210BFR1	9859210FRU	B	12"/ 10"	50171	1 3/4	1/4 (.250)	7/32 (.218)	45NG/60LP	1 slot	-	blank	3.5
NEED COVER KIT FOR DIRECT VENT MODELS																	
VT1000	120	EZGas Pro	Order from TDC	Order from TDC	9859214SFR3	N/A	9S	12"S	50677	5 1/2	C (.242)	11/64 (.172)	40NG/30LP	1 slot	-	blank	3.5
	140	EZGas Pro	Order from TDC	Order from TDC	9859214SFR3	N/A	9S	12"S	50677	5 1/2	1/4 (.250)	13/64 (.203)	47NG/40LP	1 slot	-	blank	3.5
	160	EZGas Pro	Order from TDC	Order from TDC	9859214SFR3	N/A	9S	12"S	50677	5 1/2	L (.290)	7/32 (.218)	65NG/70LP	1 slot	-	blank	3.5

Thermo Pride

OH6	70	EZGas CF	Order from Thermo Pride	Order from Thermo Pride	N/A	N/A	EZ-2	5"	50906	4 5/8	11/64 (.172)	9/64 (.141)	20%	2 slot	1	blank	3.5NG/3.3LP
	85	EZGas CF	Order from Thermo Pride	Order from Thermo Pride	N/A	N/A	EZ-2	5"	50906	4 5/8	13/64 (.283)	#25 (.150)	30%	2 slot	1	blank	3.5
	106	EZGas CF	Order from Thermo Pride	Order from Thermo Pride	N/A	N/A	EZ-2	5"	50906	4 5/8	15/64 (.234)	#15 (.180)	40NG/45LP	2 slot	2	blank	3.5
OH6	70	EZGas Pro ¹	Order from Thermo Pride	Order from Thermo Pride	N/A	N/A	C	10"	50753	4 3/4	#13 (.185)	9/64 (.141)	15%	1 slot	-	blank	3.5
	85	EZGas Pro ¹	Order from Thermo Pride	Order from Thermo Pride	N/A	N/A	C	10"	50753	4 3/4	13/64 (.283)	#19 (.166)	22%	1 slot	-	blank	3.5
	106	EZGas Pro ¹	Order from Thermo Pride	Order from Thermo Pride	N/A	N/A	C	10"	50753	4 3/4	15/64 (.234)	#11 (.191)	44%	1 slot	-	blank	3.5

¹ Burner will not fit in cabinet with door on.

Triad

900SH	600	301GAS	99912FR6 (-MN, MP)	99912FR6 (-MN, MP)	N/A	N/A	C	14" C	99913	5 3/8	35/64 (.547)	7/16 (.438)	15%	4 slot	-	center	3.6
	700	301GAS	99912FR6 (-MN, MP)	99912FR6 (-MN, MP)	N/A	N/A	C	14" C	99913	5 3/8	5/8 (.625)	15/32 (.469)	35NG/40LP	4 slot	-	center	3.4NG/3.5LP
	800	301GAS	99912FR6 (-MN, MP)	99912FR6 (-MN, MP)	N/A	N/A	C	14" C	99913	5 3/8	11/16 (.688)	33/64 (.516)	50NG/65LP	4 slot	-	center	3.5NG/3.3LP
	900	301GAS	99912FR9 (-MN, MP)	99912FR9 (-MN, MP)	N/A	N/A	C	14" C	99913	5 3/8	25/32 (.781)	9/16 (.562)	50NG/60LP	4 slot	-	none	3.5
	1000	301GAS	99912FR9 (-MN, MP)	99912FR9 (-MN, MP)	N/A	N/A	C	14" C	99913	5 3/8	1 (none)	19/32 (.594)	100%	4 slot	-	none	3.7NG/3.5LP

Triangle Tube Phase III

Alpha-80	80	EZGas Pro	N/A	N/A	9859210SFR1	9859210FRU	9S	10"	Universal	2 5/8	3/16 (.187)	9/64 (.141)	10%	1 Slot	-	blank	3.5
Alpha-100	100	EZGas Pro	N/A	N/A	9859210SFR1	9859210FRU	9S	10"	Universal	2 5/8	7/32 (.219)	11/64 (.172)	25%	1 Slot	-	blank	3.5
Alpha-120	120	EZGas Pro	N/A	N/A	9859210SFR1	9859210FRU	9S	10"	Universal	2 5/8	1/4 (.250)	13/64 (.283)	35%	1 Slot	-	blank	3.5
Alpha-80-DV	80	EZGas Pro	N/A	N/A	9859210SFR1	9859210FRU	9S	10"	Universal	2 5/8	3/16 (.187)	9/64 (.141)	5%	Air Boot	-	--	3.5
Alpha-100-DV	100	EZGas Pro	N/A	N/A	9859210SFR1	9859210FRU	9S	10"	Universal	2 5/8	7/32 (.219)	11/64 (.172)	10%	Air Boot	-	--	3.5
Alpha-120-DV	120	EZGas Pro	N/A	N/A	9859210SFR1	9859210FRU	9S	10"	Universal	2 5/8	1/4 (.250)	13/64 (.283)	15%	Air Boot	-	--	3.5

NEED COVER KIT FOR DIRECT VENT MODELS

Utica Boilers

SFH-3085	119	EZGas Pro	N/A	N/A	9859210SFR1	9859210FRU	9S	10"	Universal	2 1/2	15/64 (.234)	3/16 (.187)	30%	1 Slot	-	blank	3.5
SFH 3100	140	EZGas Pro	N/A	N/A	9859210SFR1	9859210FRU	9S	10"	Universal	2 1/2	17/64 (.265)	7/32 (.219)	45%	1 Slot	-	blank	3.5
SFH4100	140	EZGas Pro	N/A	N/A	9859210SFR1	9859210FRU	9S	10"	Universal	2 1/2	17/64 (.265)	7/32 (.219)	25%	2 slot	-	blank	3.5
SFH4125	175	EZGas Pro	N/A	N/A	9859210SFR1	9859210FRU	9S	10"	Universal	2 1/2	21/64 (.328)	17/64 (.265)	45%	2 slot	-	blank	3.5
SFH 4145	203	EZGas Pro	N/A	N/A	9859210SFR1	9859210FRU	9S	10"	Universal	2 1/2				2 slot	-	blank	3.5
SFH-5160	224	EZGas Pro	N/A	N/A	9859210AFR1A	9859210FRU	A	10"	Universal	2 1/2	21/64 (.328)	9/32 (.281)	60%	2 slot	-	blank	3.5
SFH 5185 ¹	259	EZGas Pro	N/A	N/A	9859210AFR1A	9859210FRU	A	10"	Universal	2 1/2	V (.377)	21/64 (.328)	65NG/75LP	2 slot	-	blank ¹	3.5
SFH 6175	245	EZGas Pro	N/A	N/A	9859210AFR1A	9859210FRU	A	10"	Universal	2 1/2	25/64 (.391)	19/64 (.297)	75%	2 slot	-	blank	3.4NG/3.5LP
SFH 6210 ²	295	201GAS	N/A	N/A	N/A	N/A	A	10"	Universal	2 1/2	25/64 (.391)	21/64 (.328)	40%	2 slot	-	Full	3.4NG/3.0LP

Gas Burner Selection Guide

Appliance Model	Input MBH	Burner Model	Gas Burner Part Number				Diffuser/Head	Air Tube	OEM Air Tube	Insertion Depth	Orifice Size		Air Setting	Air Band	Head Bar	Air Shutter	Manifold Pressure
			Appl Specific - Natural Gas	Appl Specific - Propane	Multi-Fit	Universal					Natural Gas	Propane					

¹ Air flow switch cover spacer required - P/N: 50925

² SFH-6210 would need an Application Specific burner

Weil-McLain

GO-2	98	EZGas Pro	98954FR2	98954FR2P	9859210BFR1	9859210FRU	B	10"	9895301	3 1/8	7/32 (.219)	11/64 (.172)	35NG/25LP	1 Slot	-	blank	3.5
GO-3R	112	EZGas Pro	98954FR3	98954FR3P	9859210BFR1	9859210FRU	B	10"	9895301	3 1/8	#1 (.228)	#15 (.180)	30%	1 slot	-	blank	3.5
GO-3	133	EZGas Pro	98954FR3	98954FR3P	9859210BFR1	9859210FRU	B	10"	9895301	3 1/8	1/4 (.250)	7/32 (.219)	35NG/40LP	1 Slot	-	blank	3.5
GO-4R	140	EZGas Pro	98954FR4	98954FR4P	9859210SFR1	9859210FRU	9S	10"	9895301	3 1/8	1/4 (.250)	#5 (.206)	25%	2 Slot	-	blank	3.5
GO-4	168	EZGas Pro	98954FR4	98954FR4P	9859210SFR1	9859210FRU	9S	10"	9895301	3 1/8	9/32 (.281)	#2 (.221)	35%	2 Slot	-	blank	3.5
GO-5R	168	EZGas Pro	98954FR5	98954FR5P	9859210AFR1A	9859210FRU	A	10"	9895301	3 1/8	L (.290)	15/64 (.234)	35%	2 Slot	-	blank	3.5
GO-5	203	EZGas Pro	98954FR5	98954FR5P	9859210AFR1A	9859210FRU	A	10"	9895301	3 1/8	5/16 (.312)	I (.272)	35%	2 Slot	-	blank	3.5
GO-6R	196	EZGas Pro	98954FR6	98954FR6P	9859210AFR1A	9859210FRU	A	10"	9895301	3 1/8	5/16 (.312)	1/4 (.250)	40%	2 Slot	-	blank	3.5
GO-6	245	EZGas Pro	98954FR6	98954FR6P	9859210AFR1A	9859210FRU	A	10"	9895301	3 1/8	X (.397)	P (.323)	58NG/70LP	2 Slot	-	blank	3.5
GO-7	280	201GAS	98841FR7	98841FR7	9859310BFR	N/A	B	10"	99331	3 1/8	Y (.404)	21/64 (.328)	38%	2 Slot	-	none	3.5
GO-8	322	201GAS	98841FR8	98841FR8	9859310AFRA	N/A	A	10"	98840	3 1/8	27/64 (.422)	11/32 (.344)	18NG/21LP	4 Slot	-	none	3.5
GO-9	Not recommended																
UO-3	112	EZGas Pro	N/A	N/A	98954FR9	N/A	B	10"S	50330	2	7/32 (.219)	#14 (.182)	22NG/30LP	1 slot	-	blank	3.5
	140	EZGas Pro	N/A	N/A	98954FR9	N/A	B	10"S	50330	2	F (.257)	7/32 (.219)	50%	1 slot	-	blank	3.5
UO-4	168	EZGas Pro	N/A	N/A	98954FR9	N/A	B	10"S	50330	2	L (.290)	D (.246)	65%	1 slot	-	blank	3.5
UO-5	196	EZGas Pro	N/A	N/A	98954FR10	N/A	A	10"S	50330	2	P (.323)	I (.272)	40%	2 slot	-	blank	3.5

Ultra burners have covers installed

Must have gasket under ignitor and grommet in access cover: kit # GSKTKIT1

380	346	201GAS	98841FR38	98841FR38P	N/A	N/A	A	10"	99318	3	15/32 (.469)	3/8 (.375)	45NG/50LP	4 Slot	-	none	3.5
480	491	301GAS	99205FR4 (-M)	99205FR4P (-M)	N/A	N/A	B	14" B	99311	4	1/2 (.500)	3/8 (.375)	45NG/52LP	4 Slot	-	full	3.2NG/3.8LP
580	639	301GAS	99205FR5 (-M)	99205FR5P (-M)	N/A	N/A	B	14" B	99311	4	9/16 (.562)	7/16 (.438)	75%	4 Slot	-	center	3.5
680	787	301GAS	99205FR6 (-M)	99205FR6P (-M)	N/A	N/A	C	14" C	99310	4	5/8 (.625)	1/2 (.500)	52NG/60LP	4 Slot	-	center	3.5
780	935	301GAS	99205FR7 (-M)	99205FR7P (-M)	N/A	N/A	C	14" C	99310	4	11/16 (.687)	17/32 (.531)	60NG/100LP	4 Slot	-	none	3.5NG/3.2LP
780	935	601GAS	99348FR7N (-M)	99348FR7P (-M)	N/A	N/A	21	14" C	99310	4	3/4 (.750)	17/32 (.531)	3	--	-	--	3.6NG/3.5LP
880	1082	601GAS	99348FR8N (-M)	99348FR8P (-M)	N/A	N/A	21	14" C	99310	4	1 (1.00)	19/32 (.594)	3.5	--	-	--	3.6NG/3.5LP
980	1230	601GAS	99348FR9N (-M)		N/A	N/A	32	14" D	99538	4	15/16 (.938)		5.5	--	-	--	3.5
	1230			99348FR9P (-M)	N/A	N/A	31	14" C	99310	4		21/32 (.656)	5.5	--	-	--	3.5
1080	1378	601GAS	99348FR1N (-M)	99348FR1P (-M)	N/A	N/A	32	14" D	99538	4	1 1/8 (1.125)	3/4 (.750)	7	--	-	--	3.5

For 80 series with 301GAS & 601GAS use front plate # 385-700-235 (order from Weil-McLain)

Williamson-Thermoflo

W/HBO-10A	105	EZGas Pro	N/A	N/A	9859212BFR1	9859214FRU	B	12"	Universal	5 1/2	#2 (.221)	#16 (.177)	15%	1 Slot	-	blank	3.5
	120	EZGas Pro	N/A	N/A	9859212BFR1	9859214FRU	B	12"	Universal	5 1/2	C (.242)	#10 (.194)	25%	1 Slot	-	blank	3.5
CHB-105	91	EZGas Pro	N/A	N/A	9859212SFR1	9859214FRU	9S	12"	Universal	5 1/2	#5 (.205)	#19 (.166)	18%	1 slot	-	blank	3.5
	105	EZGas Pro	N/A	N/A	9859212SFR1	9859214FRU	9S	12"	Universal	5 1/2	7/32 (.219)	#17 (.173)	20%	1 slot	-	blank	3.5
	119	EZGas Pro	N/A	N/A	9859212SFR1	9859214FRU	9S	12"	Universal	5 1/2	A (.234)	#11 (.191)	30%	1 slot	-	blank	3.5
CLB-105	91	EZGas Pro	N/A	N/A	9859212SFR1	9859214FRU	9S	12"	Universal	5 1/2	#9 (.196)	#20 (.161)	15%	1 slot	-	blank	3.5
	105	EZGas Pro	N/A	N/A	9859212SFR1	9859214FRU	9S	12"	Universal	5 1/2	7/32 (.219)	#19 (.166)	25%	1 slot	-	blank	3.5
	119	EZGas Pro	N/A	N/A	9859212SFR1	9859214FRU	9S	12"	Universal	5 1/2	#1 (.228)	#14 (.183)	35%	1 slot	-	blank	3.5
EZGas Pro will not fit in cabinet of the CHB/CLB furnace																	
PMP/PLB-098	70	EZGas Pro	N/A	N/A	9859210SFR1	9859210FRU	9S	10"	Universal	1 3/4	11/64 (.172)	#30 (.129)	11%	1 slot	-	blank	3.6
	84	EZGas Pro	N/A	N/A	9859210SFR1	9859210FRU	9S	10"	Universal	1 3/4	3/16 (.187)	5/32 (.156)	20%	1 slot	-	blank	3.8NG/3.7LP

Gas Burner Selection Guide

Appliance Model	Input MBH	Burner Model	Gas Burner Part Number				Diffuser/ Head	Air Tube	OEM Air Tube	Insertion Depth	Orifice Size		Air Setting	Air Band	Head Bar	Air Shutter	Manifold Pressure
			Appl Specific - Natural Gas	Appl Specific - Propane	Multi-Fit	Universal					Natural Gas	Propane					
PMP/PLB-112	98	EZGas Pro	N/A	N/A	9859210SFR1	9859210FRU	9S	10"	Universal	1 3/4	7/32 (.219)	#20 (.161)	28%	1 slot	-	blank	3.2NG/ 3.6LP
	95	EZGas Pro	N/A	N/A	9859210SFR1	9859210FRU	9S	10"	Universal	1 3/4	#5 (.206)	#20 (.161)	29%	1 slot	-	blank	3.6
	112	EZGas Pro	N/A	N/A	9859210SFR1	9859210FRU	9S	10"	Universal	1 3/4	#2 (.221)	#15 (.180)	36%	1 slot	-	blank	3.6

Williamson-Thermoflo cont'd

OWB/OWT-3	98	EZGas Pro	N/A	N/A	9859210BFR1	9859210FRU	B	10"	9895301	3 1/8	7/32 (.219)	11/64 (.172)	35NG/25LP	1 Slot	-	blank	3.5
OWB/OWT-3	133	EZGas Pro	N/A	N/A	9859210BFR1	9859210FRU	B	10"	9895301	3 1/8	1/4 (.250)	7/32 (.219)	35NG/40LP	1 Slot	-	blank	3.5
OWB/OWT-4	140	EZGas Pro	N/A	N/A	9859210SFR1	9859210FRU	9S	10"	9895301	3 1/8	1/4 (.250)	#5 (.206)	25%	2 Slot	-	blank	3.5
OWB/OWT-4	168	EZGas Pro	N/A	N/A	9859210SFR1	9859210FRU	9S	10"	9895301	3 1/8	9/32 (.281)	#2 (.221)	35%	2 Slot	-	blank	3.5
OWB/OWT-5	168	EZGas Pro	N/A	N/A	9859210AFR1A	9859210FRU	A	10"	9895301	3 1/8	L (.290)	15/64 (.234)	35%	2 Slot	-	blank	3.5
OWB/OWT-5	203	EZGas Pro	N/A	N/A	9859210AFR1A	9859210FRU	A	10"	9895301	3 1/8	5/16 (.312)	I (.272)	35%	2 Slot	-	blank	3.5
OWB/OWT-6	196	EZGas Pro	N/A	N/A	9859210AFR1A	9859210FRU	A	10"	9895301	3 1/8	5/16 (.312)	1/4 (.250)	40%	2 Slot	-	blank	3.5
OWB/OWT-6	245	EZGas Pro	N/A	N/A	9859210AFR1A	9859210FRU	A	10"	9895301	3 1/8	X (.397)	P (.323)	58NG/70LP	2 Slot	-	blank	3.5
OSB-3	114	EZGas Pro	N/A	N/A	9859210BFR1	9859210FRU	B	10"	9895301	3 1/8	#1 (.228)	#15 (.180)	30%	1 slot	-	blank	3.5
OSB-4	144	EZGas Pro	N/A	N/A	9859210SFR1	9859210FRU	9S	10"	9895301	3 1/8	1/4 (.250)	#5 (.206)	25%	2 Slot	-	blank	3.5
OSB-5	174	EZGas Pro	N/A	N/A	9859210AFR1A	9859210FRU	A	10"	9895301	3 1/8	L (.290)	15/64 (.234)	35%	2 Slot	-	blank	3.5
OSB-6	210	EZGas Pro	N/A	N/A	9859210AFR1A	9859210FRU	A	10"	9895301	3 1/8	5/16 (.312)	1/4 (.250)	40%	2 Slot	-	blank	3.5

York Shipley

CT-6	252	EZGas Pro	99680FR6	99680FR6	N/A	N/A	9S	12"	99630	4 3/4	3/8 (.375)	19/64 (.297)	80%	2 slot	-	blank	3.5
CT-10	420	301GAS	99681FR10	99681FR10	N/A	N/A	B	14" B	99328	4 3/4	29/64 (.453)	S (.348)	15%	4 Slot	-	full	3.5
CT-15	630	301GAS	99681FR15	99681FR15	N/A	N/A	B	14" B	99328	4 3/4	37/64 (.578)	29/64 (.453)	65%	4 Slot	-	full	3.5
CT-20	840	301GAS	99681FR20	99681FR20	N/A	N/A	C	14" C	99327	4 3/4	3/4 (.750)	35/64 (.546)	35NG/50LP	4 Slot	-	none	3.5
CT-25	1050	601GAS	99682FR25	99682FR25	N/A	N/A	11	14" C	99327	4 3/4	1 (1.00)	19/32 (.593)	1.5NG/ 2LP	--	-	--	3.8NG/3.5LP