

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	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	EZGas Pro ¹	Order From Biasi	Order From Biasi	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	EZGas Pro ¹	Order From Biasi	Order From Biasi	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	Order From Biasi	Order From Biasi	N/A	N/A	9S	10"	98865	3	F (.257)	#5 (.205)	20%	2 slot	blank	3.5
B10/6	175	EZGas Pro	Order From Biasi	Order From Biasi	N/A	N/A	9S	10"	98865	3	5/16 (.312)	1/4 (.250)	36NG/41LP	2 slot	blank	3.5
B10/7	222	EZGas Pro	Order From Biasi	Order From Biasi	N/A	N/A	A-1	10"S	51295	4 3/4	11/32 (.343)	17/64 (.256)	55%	2 slot	blank	3.5
B10/8	260	EZGas Pro	Order From Biasi	Order From Biasi	N/A	N/A	A-1	10"S	51295	4 3/4	27/64 (.422)	O (.316)	70%	2 slot	blank ²	3.5
SG-3	120	EZGas Pro	Order From Biasi	Order From Biasi	N/A	N/A	9S	10"S	TBD	3 1/2	D (.246)	#8 (.199)	20%	2 slot	blank	3.5
SG-4	162	EZGas Pro	Order From Biasi	Order From Biasi	N/A	N/A	9S	10"S	TBD	3 1/2	19/64 (.297)	C (.242)	35%	2 slot	blank	3.5
SG-5	204	EZGas Pro	Order From Biasi	Order From Biasi	N/A	N/A	9S	10"S	TBD	3 1/2	3/8 (.375)	19/64 (.297)	60%	2 slot	blank	3.5
SG-6	246	EZGas Pro	Order From Biasi	Order From Biasi	N/A	N/A	A	10"S	TBD	3 1/2	25/64 (.391)	O (.316)	65%	2 slot	blank	3.5
SG-7	272	EZGas Pro	Order From Biasi	Order From Biasi	N/A	N/A	A	10"S	TBD	3 1/2	1/2 (.500)	23/64 (.359)	80%	2 slot	blank ²	3.5

SG-7: Carlin recommended firing rate

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

² Requires spacer behind air flow switch cover plate - P/N: 50925

B10 and SG burners include gasket under ignitor and grommet in access cover: kit # GSKTKIT1

B40/6	322	201GAS	Order From Biasi	Order From Biasi	N/A	N/A	D	10"	51057	4 1/2	5/8 (.625)	15/32 (.469)	85%	4 slot	none	3.5
B40/7	406	301GAS	Order From Biasi	Order From Biasi	N/A	N/A	S	14"B	51062	4 1/2	7/16 (.438)	23/64 (.359)	35%	4 slot	full	3.5NG/3.3LP
B40/8	490	301GAS	Order From Biasi	Order From Biasi	N/A	N/A	S	14"B	51062	4 1/2	1/2 (.500)	13/32 (.406)	50%	4 slot	full	3.0NG/3.4LP
B40/9	574	301GAS	Order From Biasi	Order From Biasi	N/A	N/A	B	14"B	51062	4 1/2	35/64 (.546)	7/16 (.438)	45%	4 slot	center	3.0NG/3.2LP
B40/10	658	301GAS	Order From Biasi	Order From Biasi	N/A	N/A	B	14"B	51062	4 1/2	19/32 (.593)	15/32 (.469)	65%	4 slot	center	3.5NG/3.3LP
B40/11	742	301GAS	Order From Biasi	Order From Biasi	N/A	N/A	B	14"B	51062	4 1/2	5/8 (.625)	31/64 (.484)	90%	4 slot	center	3.4NG/3.5LP
B40/12	896	601GAS	Order From Biasi	Order From Biasi	N/A	N/A	11	14"C	51062	4 1/2	11/16 (.687)	17/32 (.531)	4	--	--	3.5

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			Appl Specific - Natural Gas	Appl Specific - Propane	Multi-Fit	Universal					Natural Gas	Propane				

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

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.

G215-3	154	EZGas Pro	N/A	N/A	9859210SFR1*	9859210FRU*	9S	10"	Universal	3 1/4	I (.272)	7/32 (.219)	30%	2 slot	blank	3.5
G215-4	196	EZGas Pro	N/A	N/A	9859210SFR1*	9859210FRU*	9S	10"	Universal	3 1/4	21/64 (.328)	1/4 (.250)	50%	2 slot	blank	3.5
G215-5	238	EZGas Pro	N/A	N/A	9859210AFR1A*	9859210FRU*	A	10"	Universal	3 1/4	11/32 (.344)	19/64 (.297)	60%	2 slot	blank	3.5

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

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	Air Shutter	Manifold Pressure
			Appl Specific - Natural Gas	Appl Specific - Propane	Multi-Fit	Universal					Natural Gas	Propane				

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

Cannot use V9A burners on V9 boilers. They have different mounting plates (V9A have diamond shaped bolt circle. V9 have a square bolt circle).

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
CSFH-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
CSFH 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
CSFH4100	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
CSFH4125	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
CSFH 4145	203	EZGas Pro	N/A	N/A	9859210SFR1	9859210FRU	9S	10"	Universal	2 1/2	11/32 (.343)	9/32 (.281)	60NG/65LP	2 slot	blank	3.5
CSFH-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
CSFH 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
CSFH 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
CSFH 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

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

² SFH-6210 would need an Application Specific burner

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

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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	Air Shutter	Manifold Pressure
			Appl Specific - Natural Gas	Appl Specific - Propane	Multi-Fit	Universal					Natural Gas	Propane				

Columbia Boiler

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
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	-	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	-	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

Crown Boiler

TWZ065 (3 sec.)	91	EZGas Pro	N/A	N/A	9859210SFR1	9859210FRU	9S	10"	Universal	2 1/4	13/64 (.203)	#21 (.159)	25%	1 slot	blank	3.5
TWZ075 (3 sec.)	105	EZGas Pro	N/A	N/A	9859210SFR1	9859210FRU	9S	10"	Universal	2 1/4	#4 (.209)	#17 (.173)	30%	1 slot	blank	3.5
TWZ100 (3 sec.)	140	EZGas Pro	N/A	N/A	9859210SFR1	9859210FRU	9S	10"	Universal	2 1/4	1/4 (.250)	13/64 (.203)	55%	1 slot	blank	3.5
TWZ090 (4 sec.)	126	EZGas Pro	N/A	N/A	9859210SFR1	9859210FRU	9S	10"	Universal	2 1/4	1/4 (.250)	#8 (.199)	25%	2 slot	blank	3.5
TWZ125 (4 sec.)	175	EZGas Pro	N/A	N/A	9859210SFR1	9859210FRU	9S	10"	Universal	2 1/4	19/64 (.297)	1/4 (.250)	45%	2 slot	blank	3.5
TWZ150 (4 sec.)	210	EZGas Pro	N/A	N/A	9859210SFR1	9859210FRU	9S	10"	Universal	2 1/4	T (.258)	19/64 (.297)	75%	2 slot	blank	3.5
TWZ120 (5 sec.)	168	EZGas Pro	N/A	N/A	9859210AFR1A	9859210FRU	A	10"	Universal	2 1/4	9/32 (.281)	7/32 (.219)	35%	2 slot	blank	3.5
TWZ175 (5 sec.)	245	EZGas Pro	N/A	N/A	9859210AFR1A	9859210FRU	A	10"	Universal	2 1/4	25/64 (.391)	5/16 (.312)	65%	2 slot	blank	3.5
TWZ200 (5 sec.)	275	EZGas Pro	N/A	N/A	9859210AFR1A	9859210FRU	A	10"	Universal	2 1/4	15/32 (.469)	21/64 (.328)	85%	2 slot	blank	3.5

Dunkirk

3EW.65Z	91	EZGas Pro	N/A	N/A	9859210SFR1	9859210FRU	9S	10"	Universal	2 1/4	13/64 (.203)	5/32 (.156)	20%	1 slot	blank	3.5
3EW.75Z	105	EZGas Pro	N/A	N/A	9859210SFR1	9859210FRU	9S	10"	Universal	2 1/4	7/32 (.219)	11/64 (.172)	25%	1 slot	blank	3.5
3EW1.00Z	140	EZGas Pro	N/A	N/A	9859210SFR1	9859210FRU	9S	10"	Universal	2 1/4	17/64 (.265)	13/64 (.203)	45%	1 slot	blank	3.5
4EW.90Z	126	EZGas Pro	N/A	N/A	9859210SFR1	9859210FRU	9S	10"	Universal	2 1/4	D (.246)	#12 (.189)	25%	2 slot	blank	3.5
4EW1.25Z	175	EZGas Pro	N/A	N/A	9859210SFR1	9859210FRU	9S	10"	Universal	2 1/4	5/16 (.312)	C (.242)	45%	2 slot	blank	3.4NG/3.5LP
4EW1.50Z	210	EZGas Pro	N/A	N/A	9859210SFR1	9859210FRU	9S	10"	Universal	2 1/4	T (.258)	9/32 (.281)	60%	2 slot	blank	3.3NG/3.2LP
5EW1.20T	168	EZGas Pro	N/A	N/A	9859210SFR1	9859210FRU	9S	10"	Universal	2 1/4	L (0.290)	15/64 (0.234)	40%	2 slot	blank	3.5
5EW1.20T	168	EZGas Pro	N/A	N/A	N/A	N/A	A-1	10"	TBD	2 1/4	9/32 (0.281)	7/32 (0.218)	35%	2 slot	blank	3.5
5EW1.75T	245	EZGas Pro	N/A	N/A	N/A	N/A	A-1	10"	TBD	2 1/4	3/8 (0.375)	19/64 (0.296)	65%	2 slot	blank	3.5
5EW2.00T	270	EZGas Pro	N/A	N/A	N/A	N/A	A-1	10"	TBD	2 1/4	X (0.397)	O (0.316)	75%	2 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
	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

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	Air Shutter	Manifold Pressure
			Appl Specific - Natural Gas	Appl Specific - Propane	Multi-Fit	Universal					Natural Gas	Propane				

Dynatherm Boiler Manufacturing

FP-36	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
	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
FP-48	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
	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
	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
FP-24-DV	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
	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
FP-36-DV	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 Boilers

PK440/ PK450	120	EZGas Pro	51158FRPK - 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	51158FRPK - 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	51158FRPK - 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	51158FRP6 - 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	51158FRP6 - 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	51158FRP6 - 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
VT1000	120	EZGas Pro	51158FRPK - 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	51158FRPK - 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	51158FRPK - 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

Energy Kinetics

Ascent Boiler																
EK-1T	100	EZGas Pro	Order from EK	Order from EK	N/A	N/A	B	7"	50710	2 3/8	#1 (.228)	#16 (.177)	35%	1 slot	blank	3.5
	120	EZGas Pro	Order from EK	Order from EK	N/A	N/A	B	7"	50710	2 3/8	C (.242)	#12 (.189)	45%	1 slot	blank	3.5
	150	EZGas Pro	Order from EK	Order from EK	N/A	N/A	B	7"	50710	2 3/8	J (.277)	7/32 (.219)	60%	1 slot	blank	3.5
EK-1T	175	EZGas Pro	Order from EK	Order from EK	N/A	N/A	A	7"	50710	2 3/8	N (.302)	C (.242)	40%	2 slot	blank	3.5
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	Air Shutter	Manifold Pressure
			Appl Specific - Natural Gas	Appl Specific - Propane	Multi-Fit	Universal					Natural Gas	Propane				

Energy Kinetics

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

Advantage																
AO-3	91	EZGas Pro	Order from FW Webb	Order from FW Webb	9859210SFR1	9859210FRU	9S	10"	TBD	2 1/4	13/64 (.203)	#21 (.159)	25%	1 slot	blank	3.5
	105	EZGas Pro	Order from FW Webb	Order from FW Webb	9859210SFR1	9859210FRU	9S	10"	TBD	2 1/4	#4 (.209)	#17 (.173)	30%	1 slot	blank	3.5
	140	EZGas Pro	Order from FW Webb	Order from FW Webb	9859210SFR1	9859210FRU	9S	10"	TBD	2 1/4	1/4 (.250)	13/64 (.203)	55%	1 slot	blank	3.5
AO-4	175	EZGas Pro	Order from FW Webb	Order from FW Webb	9859210SFR1	9859210FRU	9S	10"	TBD	2 1/4	19/64 (.297)	1/4 (.250)	45%	2 slot	blank	3.5
	210	EZGas Pro	Order from FW Webb	Order from FW Webb	9859210SFR1	9859210FRU	9S	10"	TBD	2 1/4	T (.258)	19/64 (.297)	75%	2 slot	blank	3.5
AO-5	245	EZGas Pro	Order from FW Webb	Order from FW Webb	9859210AFR1A	9859210FRU	A	10"	TBD	2 1/4	25/64 (.391)	5/16 (.312)	65%	2 slot	blank	3.5
	275	EZGas Pro	Order from FW Webb	Order from FW Webb	9859210AFR1A	9859210FRU	A	10"	TBD	2 1/4	15/32 (.469)	21/64 (.328)	85%	2 slot	blank	3.5
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
Burner includes gasket under ignitor and grommet in access cover: kit # GSKTKIT1																

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	Air Shutter	Manifold Pressure
			Appl Specific - Natural Gas	Appl Specific - Propane	Multi-Fit	Universal					Natural Gas	Propane				

FW Webb PurePro

Trio																
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

TRIO MAX/ MAX H2O																
PROM3(T)	140	EZGas Pro	Order from FW Webb	Order from FW Webb	N/A	N/A	9S	12"S	51701	3 1/2	9/32 (.281)	#2 (.221)	30%	2 slot	blank	3.5
PROM4(T)	175	EZGas Pro	Order from FW Webb	Order from FW Webb	N/A	N/A	9S	12"S	51701	3 1/2	5/16 (.312)	17/64 (.266)	40%	2 slot	blank	3.5
PROM5(T)	210	EZGas Pro	Order from FW Webb	Order from FW Webb	N/A	N/A	A-1	12"S	51701	3 1/2	S (.348)	9/32 (.281)	55%	2 slot	blank	3.5
PROM6(T)	245	EZGas Pro	Order from FW Webb	Order from FW Webb	N/A	N/A	A-1	12"S	51701	3 1/2	Z (.413)	S (.348)	75NG/85LP	2 slot	blank	3.5

TRIO MAX/ MAX H2O burners are built with gasket under ignitor and grommet in access cover.

PC6230	322	201GAS	Order from FW Webb	Order from FW Webb	N/A	N/A	D	10"	51057	4 1/2	5/8 (.625)	15/32 (.469)	85%	4 slot	none	3.5
PC7290	406	301GAS	Order from FW Webb	Order from FW Webb	N/A	N/A	S	14"B	51062	4 1/2	7/16 (.438)	23/64 (.359)	35%	4 slot	full	3.5NG/3.3LP
PC8350	490	301GAS	Order from FW Webb	Order from FW Webb	N/A	N/A	S	14"B	51062	4 1/2	1/2 (.500)	13/32 (.406)	50%	4 slot	full	3.0NG/3.4LP
PC9410	574	301GAS	Order from FW Webb	Order from FW Webb	N/A	N/A	B	14"B	51062	4 1/2	35/64 (.546)	7/16 (.438)	45%	4 slot	center	3.0NG/3.2LP
PC10470	658	301GAS	Order from FW Webb	Order from FW Webb	N/A	N/A	B	14"B	51062	4 1/2	19/32 (.593)	15/32 (.469)	65%	4 slot	center	3.5NG/3.3LP
PC11530	742	301GAS	Order from FW Webb	Order from FW Webb	N/A	N/A	B	14"B	51062	4 1/2	5/8 (.625)	31/64 (.484)	90%	4 slot	center	3.4NG/3.5LP
PC12590	826	301GAS	Order from FW Webb	Order from FW Webb	N/A	N/A	B	14"C	51063	4 1/2	11/16 (.687)	17/32 (.531)	60%	4 slot	none	3.5

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

Granby Heating Products

CB3	94	EZGas Pro	N/A	N/A	9859210SFR2	N/A	9S	10"S	Universal	3	7/32 (.219)	#18 (.169)	27%	1 slot	blank	3.2
CB4	137	EZGas Pro	N/A	N/A	9859210SFR2	N/A	9S	10"S	Universal	3	17/64 (.266)	#2 (.221)	53%	1 slot	blank	3.5
CB5	172	EZGas Pro	N/A	N/A	9859210SFR2	N/A	9S	10"S	Universal	3	P (.323)	17/64 (.266)	47%	2 slot	blank	3.5NG/3.2LP
CB6	215	EZGas Pro	N/A	N/A	9859210SFR2	N/A	9S	10"S	Universal	3	25/64 (.391)	O (.316)	80%	2 slot	blank	3.5
CB-3-DV	94	EZGas Pro	N/A	N/A	9859210SFR2	N/A	9S	10"S	Universal	3	7/32 (.219)	#18 (.169)	27%	1 slot	blank	3.2
CB-4-DV	137	EZGas Pro	N/A	N/A	9859210SFR2	N/A	9S	10"S	Universal	3	17/64 (.266)	#2 (.221)	53%	1 slot	blank	3.5
CB-5-DV	172	EZGas Pro	N/A	N/A	9859210SFR2	N/A	9S	10"S	Universal	3	P (.323)	17/64 (.266)	47%	2 slot	blank	3.5NG/3.2LP
CB-6-DV	215	EZGas Pro	N/A	N/A	9859210SFR2	N/A	9S	10"S	Universal	3	25/64 (.391)	O (.316)	80%	2 slot	blank	3.5

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

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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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.

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	Air Shutter	Manifold Pressure
			Appl Specific - Natural Gas	Appl Specific - Propane	Multi-Fit	Universal					Natural Gas	Propane				

John Wood Water Heater

JW6F-307-400	91	EZGas Pro	N/A	N/A	9859212BFR1	9859214FRU	B	12"	Universal	4 3/4	13/64 (.203)	5/32 (.156)	22%	1 Slot	blank	3.5
	105	EZGas Pro	N/A	N/A	9859212BFR1	9859214FRU	B	12"	Universal	4 3/4	7/32 (.219)	11/64 (.172)	35%	1 Slot	blank	3.5
JW6F-507-400	105	EZGas Pro	N/A	N/A	9859214BFR1	9859214FRU	B	14"	Universal	5 3/4	7/32 (.219)	11/64 (.172)	30%	1 Slot	blank	3.5
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.

CL3-091	91	EZGas Pro	N/A	N/A	9859210SFR1	9859210FRU	9S	10"	Universal	2 1/4	13/64 (.203)	#21 (.159)	25%	1 slot	blank	3.5
CL3-105	105	EZGas Pro	N/A	N/A	9859210SFR1	9859210FRU	9S	10"	Universal	2 1/4	#4 (.209)	#17 (.173)	30%	1 slot	blank	3.5
CL3-140	140	EZGas Pro	N/A	N/A	9859210SFR1	9859210FRU	9S	10"	Universal	2 1/4	1/4 (.250)	13/64 (.203)	55%	1 slot	blank	3.5
CL4-126	126	EZGas Pro	N/A	N/A	9859210SFR1	9859210FRU	9S	10"	Universal	2 1/4	1/4 (.250)	#8 (.199)	25%	2 slot	blank	3.5
CL4-175	175	EZGas Pro	N/A	N/A	9859210SFR1	9859210FRU	9S	10"	Universal	2 1/4	19/64 (.297)	1/4 (.250)	45%	2 slot	blank	3.5
CL4-210	210	EZGas Pro	N/A	N/A	9859210SFR1	9859210FRU	9S	10"	Universal	2 1/4	T (.258)	19/64 (.297)	75%	2 slot	blank	3.5
CL5-168	168	EZGas Pro	N/A	N/A	9859210AFR1A	9859210FRU	A	10"	Universal	2 1/4	9/32 (.281)	7/32 (.219)	35%	2 slot	blank	3.5
CL5-245	245	EZGas Pro	N/A	N/A	9859210AFR1A	9859210FRU	A	10"	Universal	2 1/4	25/64 (.391)	5/16 (.312)	65%	2 slot	blank	3.5
CL5-275	275	EZGas Pro	N/A	N/A	9859210AFR1A	9859210FRU	A	10"	Universal	2 1/4	15/32 (.469)	21/64 (.328)	85%	2 slot	blank	3.5
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 ¹	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 ¹	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 ¹	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

¹ NEED COVER KIT FOR DIRECT VENT MODELS

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	Air Shutter	Manifold Pressure
			Appl Specific - Natural Gas	Appl Specific - Propane	Multi-Fit	Universal					Natural Gas	Propane				

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	99034FR2	99034FR2	9859210SFR1	9859210FRU	9S	10"	99033	2 1/2	7/32(.2187)	11/64(.1718)	30%	1 slot	blank	3.5
EC/ECT-03-100	140	EZGas Pro	99034FR2	99034FR2	9859210SFR1	9859210FRU	9S	10"	99033	2 1/2	1/4(.250)	13/64(.2031)	42%	1 slot	blank	3.5
EC/ECT-03-120	168/150	EZGas Pro	99034FR2	99034FR2	9859210SFR1	9859210FRU	9S	10"	99033	2 1/2	17/64(.2656)	7/32(.2187)	65%	1 slot	blank	3.5
EC/ECT-04-125	175	EZGas Pro	99034FR2	99034FR2	9859210SFR1	9859210FRU	9S	10"	99033	2 1/2	9/32(.2812)	15/64 (.234)	40%	2 slot	blank	3.5
EC/ECT-04-150	210	EZGas Pro	99034FR2	99034FR2	9859210SFR1	9859210FRU	9S	10"	99033	2 1/2	21/64(.3281)	17/64(.2656)	60%	2 slot	blank	3.5
EC/ECT-04-175	245	EZGas Pro	99034FR1	99034FR1	9859210AFR1A	9859210FRU	A	10"	99033	2 1/2	11/32 (.344)	9/32(.2812)	45%	2 slot	blank	3.5
EC/ECT-05-175	245	EZGas Pro	99034FR1	99034FR1	9859210AFR1A	9859210FRU	A	10"	99033	2 1/2	11/32 (.344)	9/32(.2812)	45%	2 slot	blank	3.5
EC/ECT-05-200	280/275	EZGas Pro	99034FR1	99034FR1	9859210AFR1A	9859210FRU	A	10"	99033	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%	4 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

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 (6.56)	7.25	--	--	3.5

For LC series with 301GAS & 601GAS use front plate # 86074 (order from Peerless)

WBV-03	84	EZGas Pro	99034FR2	99034FR2	9859210SFR1	9859210FRU	9S	10"	99033	2 1/2	#12 (.189)	#22 (.157)	20%	1 slot	blank	3.5
	119	EZGas Pro	99034FR2	99034FR2	9859210SFR1	9859210FRU	9S	10"	99033	2 1/2	A (.234)	#12 (.189)	35%	1 slot	blank	3.5
	140	EZGas Pro	99034FR2	99034FR2	9859210SFR1	9859210FRU	9S	10"	99033	2 1/2	F (.257)	#3 (.213)	50%	1 slot	blank	3.4
WBV-04	133	EZGas Pro	99034FR2	99034FR2	9859210SFR1	9859210FRU	9S	10"	99033	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"	99033	2 1/2	N (.302)	1/4 (.250)	50%	2 slot	blank	3.6NG/3.2LP
	210	EZGas Pro	99034FR2	99034FR2	9859210SFR1	9859210FRU	9S	10"	99033	2 1/2	23/64 (.359)	1/4 (.250)	70%	2 slot	blank	3.7NG/3.5LP

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

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	Air Shutter	Manifold Pressure
			Appl Specific - Natural Gas	Appl Specific - Propane	Multi-Fit	Universal					Natural Gas	Propane				

Pensotti

DK2-3	98	EZGas Pro	Order from Pensotti	Order from Pensotti	N/A	N/A	95	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	95	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	95	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

DK2 burners include 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

QHT Inc.

S10/3ES	73	EZGas Pro	Order From QHT	Order From QHT	N/A	N/A	9S-1	10"S	98865B	3	#9 (.196)	5/32 (.156)	23%	1 slot	blank	3.5NG/3.4LP
S10/3E	85	EZGas Pro	Order From QHT	Order From QHT	N/A	N/A	9S-1	10"S	98865B	3	7/32 (.219)	#14 (.182)	32%	1 slot	blank	3.5
S10/4ES	109	EZGas Pro	Order From QHT	Order From QHT	N/A	N/A	9S-1	10"S	98865B	3	9/32 (.281)	7/32 (.219)	55%	1 slot	blank	3.5
S10/4E	122	EZGas Pro	Order From QHT	Order From QHT	N/A	N/A	9S-1	10"S	98865B	3	19/64 (.297)	1/4 (.250)	70%	1 slot	blank	3.5
S10/5ES	153	EZGas Pro	Order From QHT	Order From QHT	N/A	N/A	9S	10"S ¹	51794	3	19/64 (.297)	15/64 (.234)	35%	2 slot	blank	3.5
S10/5E	170	EZGas Pro	Order From QHT	Order From QHT	N/A	N/A	9S	10"S ¹	51794	3	O (.316)	1/4 (.250)	40%	2 slot	blank	3.5
SRO/6	312	201GAS	Order From QHT	Order From QHT	N/A	N/A	A	10" ²	51768	3	15/32 (0.469)	23/64 (0.359)	35%	4 slot	blank	3.3
SRO/8	438	301GAS	Order From QHT	Order From QHT	N/A	N/A	S-1	14" B	51770	3	29/64 (0.453)	V (0.377)	40%	4 slot	full	3.5
SRO/10	560	301GAS	Order From QHT	Order From QHT	N/A	N/A	S-1	14" B	51770	3	33/64 (0.515)	27/64 (0.421)	40%	4 slot	none	3.5
SRO/12	686	301GAS	Order From QHT	Order From QHT	N/A	N/A	B	14" C	51772	3	19/32 (0.594)	15/32 (0.469)	60%	4 slot	full	3.5
SRO/14	776	301GAS	Order From QHT	Order From QHT	N/A	N/A	B	14" C	51772	3	21/32 (0.656)	1/2 (0.500)	50%	4 slot	none	3.5NG/3.3LP
SRU-30	140	EZGas Pro	Order From QHT	Order From QHT	N/A	N/A	9S	12"S	51701	3 1/2	9/32 (.281)	#2 (0.221)	30%	2 slot	blank	3.5
SRU-40	175	EZGas Pro	Order From QHT	Order From QHT	N/A	N/A	9S	12"S	51701	3 1/2	5/16 (.312)	17/64 (.266)	40%	2 slot	blank	3.5
SRU-50	210	EZGas Pro	Order From QHT	Order From QHT	N/A	N/A	A-1	12"S	51701	3 1/2	S (.348)	9/32 (.281)	55%	2 slot	blank	3.5
SRU-60	245	EZGas Pro	Order From QHT	Order From QHT	N/A	N/A	A-1	12"S	51701	3 1/2	Z (.413)	S (.348)	75NG/85LP	2 slot	blank	3.5

¹ Gas can has throttle ring welded on end

² Gas can has throttle ring installed in end.

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

Regal Star (Boyertown Furnace)

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

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

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	Air Shutter	Manifold Pressure
			Appl Specific - Natural Gas	Appl Specific - Propane	Multi-Fit	Universal					Natural Gas	Propane				

Slant Fin

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	9921201	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	9921201	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	9921201	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	9921201	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)	55%	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

Series 8 burners will not fit series 8HE boilers

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/ 19HE-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/ 19HE-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/ 19HE-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/ 19HE-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/ 19HE-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/ 19HE-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/ 19HE-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)

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	Air Shutter	Manifold Pressure
			Appl Specific - Natural Gas	Appl Specific - Propane	Multi-Fit	Universal					Natural Gas	Propane				

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
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
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

CSL6230	322	201GAS	Order from Boyertown	Order from Boyertown	N/A	N/A	D	10"	51057	4 1/2	5/8 (.625)	15/32 (.469)	85%	4 slot	none	3.5
CSL7290	406	301GAS	Order from Boyertown	Order from Boyertown	N/A	N/A	S	14"B	51062	4 1/2	7/16 (.438)	23/64 (.359)	35%	4 slot	full	3.5NG/3.3LP
CSL8350	490	301GAS	Order from Boyertown	Order from Boyertown	N/A	N/A	S	14"B	51062	4 1/2	1/2 (.500)	13/32 (.406)	50%	4 slot	full	3.0NG/3.4LP
CSL9410	574	301GAS	Order from Boyertown	Order from Boyertown	N/A	N/A	B	14"B	51062	4 1/2	35/64 (.546)	7/16 (.438)	45%	4 slot	center	3.0NG/3.2LP
CSL10470	658	301GAS	Order from Boyertown	Order from Boyertown	N/A	N/A	B	14"B	51062	4 1/2	19/32 (.593)	15/32 (.469)	65%	4 slot	center	3.5NG/3.3LP
CSL11530	742	301GAS	Order from Boyertown	Order from Boyertown	N/A	N/A	B	14"B	51062	4 1/2	5/8 (.625)	31/64 (.484)	90%	4 slot	center	3.4NG/3.5LP
CSL12590	826	301GAS	Order from Boyertown	Order from Boyertown	N/A	N/A	B	14"C	51063	4 1/2	11/16 (.687)	17/32 (.531)	60%	4 slot	none	3.5

Solaia Forte Boilers

SF3100	140	EZGas Pro	Order from Boyertown	Order from Boyertown	N/A	N/A	9S	12"S	51701	3 1/2	9/32 (.281)	#2 (0.221)	30%	2 slot	blank	3.5
SF4125	175	EZGas Pro	Order from Boyertown	Order from Boyertown	N/A	N/A	9S	12"S	51701	3 1/2	5/16 (.312)	17/64 (.266)	40%	2 slot	blank	3.5
SF5150	210	EZGas Pro	Order from Boyertown	Order from Boyertown	N/A	N/A	A-1	12"S	51701	3 1/2	S (.348)	9/32 (.281)	55%	2 slot	blank	3.5
SF6175	245	EZGas Pro	Order from Boyertown	Order from Boyertown	N/A	N/A	A-1	12"S	51701	3 1/2	Z (.413)	S (.348)	75NG/85LP	2 slot	blank	3.5

Solaia Forte Series burners are built with gasket under ignitor and grommet in access cover.

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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Spirit Furnace

VLR/F-DCP	84	EZGas Pro	N/A	N/A	9859212SFR1	9859214FRU	9S	12"	Universal	5 7/8	#12 (0.189)	5/32 (0.156)	25%	1 slot	none	3.5
	105	EZGas Pro	N/A	N/A	9859212SFR1	9859214FRU	9S	12"	Universal	5 7/8	#2 (0.221)	#14 (0.182)	40%	1 slot	none	3.5
	119	EZGas Pro	N/A	N/A	9859212SFR1	9859214FRU	9S	12"	Universal	5 7/8	C (0.242)	#6 (0.204)	50%	1 slot	none	3.5
	140	EZGas Pro	N/A	N/A	9859212SFR1	9859214FRU	9S	12"	Universal	5 7/8	17/64 (0.266)	#4 (0.209)	70%	1 slot	none	3.5

Cabinet Depth - 9". Cannot put door back on with burner installed

Therma-Flow/ Everhot

E/ S30GL	105	EZGas Pro	N/A	N/A	9859212SFR1	9859214FRU	9S	12	51395	6 5/16	7/32 (.218)	11/64 (.172)	35%	1 slot	blank	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

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	Air Shutter	Manifold Pressure
			Appl Specific - Natural Gas	Appl Specific - Propane	Multi-Fit	Universal					Natural Gas	Propane				

Thermo-Dynamics Boiler Co.

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
NEED COVER KIT FOR DIRECT VENT MODELS																
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
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																

Thermo Pride

OH6	70	EZGas Pro ¹	50754A	50754A	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	50754A	50754A	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	50754A	50754A	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																

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	Air Shutter	Manifold Pressure
			Appl Specific - Natural Gas	Appl Specific - Propane	Multi-Fit	Universal					Natural Gas	Propane				

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	11/32 (.343)	9/32 (.281)	60NG/65LP	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

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

SFE-3085S	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
SFE-4125S	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
SFE-5185S	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
SFE-6210S 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

² SFH-6210 and SFE-6210S would need an Application Specific burner

Viessmann

VR1-22, VR1-91	91	EZGas Pro	51350A	51350A	N/A	N/A	C	12-S	51349	4	#1 (.228)	11/64 (.172)	30%	1 slot	blank	3.5
VR1-27, VR1-105	105	EZGas Pro	51350B	51350B	9859212SFR1 *	N/A	9 slot	12	51354	5	7/32 (.219)	11/64 (.172)	20%	1 slot	blank	3.5
VR1-33, VR1-140	140	EZGas Pro	51350B	51350B	9859212SFR1 *	N/A	9 slot	12	51354	5	17/64 (.265)	#4 (.209)	30%	2 slot	blank	3.5
VR1-40, VR1-161	161	EZGas Pro	51350B	51350B	9859212SFR1 *	N/A	9 slot	12	51354	5	19/64 (.297)	15/64 (.234)	35%	2 slot	blank	3.5
VR1-50, VR1-196	196	EZGas Pro	51350B	51350B	9859212SFR1 *	N/A	9 slot	12	51354	5	5/16 (.312)	I (.272)	40NG/52LP	2 slot	blank	3.5
VR1-63, VR1-245	245	EZGas Pro	51350A	51350A	N/A	N/A	A-1	12-S	51349	4	3/8 (.375)	19/64 (.297)	60%	2 slot	blank	3.5
Direct Vent																
VR1-22-DV	91	EZGas Pro	51350A	51350A	N/A	N/A	C	12-S	51349	4	#1 (.228)	11/64 (.172)	45NG/35LP	1 slot	blank	3.5
VR1-27-DV	105	EZGas Pro	51350B	51350B	9859212SFR1 *	N/A	9 slot	12	51354	5	7/32 (.219)	11/64 (.172)	27%	1 slot	blank	3.5
VR1-33-DV	140	EZGas Pro	51350B	51350B	9859212SFR1 *	N/A	9 slot	12	51354	5	17/64 (.265)	#4 (.209)	25%	2 slot	blank	3.5

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

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															

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	Air Shutter	Manifold Pressure	
			Appl Specific - Natural Gas	Appl Specific - Propane	Multi-Fit	Universal					Natural Gas	Propane					
Weil-McLain																	
UO-3	112	EZGas Pro	98954FR9	98954FR9	N/A	N/A	B	10"S	50330	2	7/32 (.219)	#14 (.182)	22NG/30LP	1 slot	blank	3.5	
	140	EZGas Pro	98954FR9	98954FR9	N/A	N/A	B	10"S	50330	2	F (.257)	7/32 (.219)	50%	1 slot	blank	3.5	
UO-4	168	EZGas Pro	98954FR9	98954FR9	N/A	N/A	B	10"S	50330	2	L (.290)	D (.246)	65%	1 slot	blank	3.5	
UO-5	196	EZGas Pro	98954FR10	98954FR10	N/A	N/A	A	10"S	50330	2	P (.323)	I (.272)	40%	2 slot	blank	3.5	
Ultra burners are built with covers and come with 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)																	
For 78 series Weil-McLain boilers use 80 series part numbers above																	
488/ 488R	1010/ 996	601GAS	Chassis: 99520-12/ Tube Kit: 99538KIT			N/A	N/A	32	14" D	99538	4	13/16 (0.813)	5/8 (0.625)	3	--	--	3.5
588	1378	601GAS	Chassis: 99520-12/ Tube Kit: 99538KIT2			N/A	N/A	32	14" D	99538	4	1 1/8 (1.125)	3/4 (.750)	8	--	--	3.5
For 88 series with 601GAS use front plate # 386-300-220 (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
CLB/ CHB-105	91	EZGas Pro	N/A	N/A	9859212SFR1	9859214FRU	9S	12"	Universal	5 1/2	#5 (.205)	#20 (.161)	18%	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)	20%	1 slot	blank	3.5
	119	EZGas Pro	N/A	N/A	9859212SFR1	9859214FRU	9S	12"	Universal	5 1/2	#1 (.228)	#14 (.183)	30%	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
	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
PMP/PLB-112	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
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
	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
	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
	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
	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

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	Air Shutter	Manifold Pressure
			Appl Specific - Natural Gas	Appl Specific - Propane	Multi-Fit	Universal					Natural Gas	Propane				

Williamson-Thermoflo

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