

EZGas Pro

Burner Set-up Tables

The enclosed Set-up Tables were compiled by Carlin's Application Engineering Team for the EZGas Pro Burner. For each appliance listed, the tables contain important set-up information including; the recommended diffuser plate and air band, the drill size for the orifice nipple and insertion depth for setting the adjustable flange.

If the heating appliance you are looking for is not listed, refer to page 7 of the EZGas Pro Instruction Manual for information on configuring the burner for your application.

Note: This data is intended to be a set-up guide only. It is critical that all gas-fired heating equipment be installed using combustion efficiency test equipment and the burners be set to the appliance manufacturers' recommended settings.

The Carlin Technical Support Team is committed to providing the finest customer service in the industry. If you should have any questions regarding this guide or on setting up your EZGas Pro burner, PLEASE contact the Carlin Technical Service Hot Line at 1-800-989-2275.

Gas Burner Setup Tables

Appliance Model	Burner Model	Diffuser/ Head	Air Tube	OEM Air Tube	Insertion Depth	Input MBH	Orifice Size		Air Setting	Air Band	Head Bar	Air Shutter	Manifold Pressure
							Natural Gas	Propane					

Armstrong Furnace

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

Axeman Anderson

WL140	EZGas Pro	B	10"	Universal	2	105	#2 (.221)	#18 (.169)	28%	1 slot	-	blank	3.3NG/3.5LP
						119	C (.242)	#11 (.191)	35%	1 slot	-	blank	3.4NG/3.5LP
						140	F (.257)	#6 (.204)	48%	1 slot	-	blank	3.5
WL182 ¹	EZGas Pro	B	10"	Universal	2	140	F (.257)	#6 (.204)	48%	1 slot	-	blank	3.5
						165	19/64 (.297)	#1 (.228)	69%	1 slot	-	blank	3.5NG/3.4LP
						182	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	EZGas Pro ¹	9S	10"S	99848	1 3/4	80	#15 (.180)	#25 (.149)	20NG/30LP	1 slot	-	blank	3.1NG/3.5LP
B10/4	EZGas Pro ¹	9S	10"	98865	3	112	#1 (.228)	#15 (.180)	40NG/48LP	2 slot	-	blank	3.6NG/3.0LP
B10/5	EZGas Pro	9S	10"	98865	3	140	F (.257)	#5 (.205)	20%	2 slot	-	blank	3.5
B10/6	EZGas Pro	9S	10"	98865	3	175	5/16 (.312)	1/4 (.250)	36NG/41LP	2 slot	-	blank	3.5

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

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

For covered burner OEM air tubes order part number: 50361 for 3 section and 50350 for 4, 5, and 6 section.

SG-3	EZGas Pro	9S	10"S	TBD	3 1/2	120	D (.246)	#8 (.199)	20%	2 slot	-	blank	3.5
SG-4	EZGas Pro	9S	10"S	TBD	3 1/2	162	19/64 (.297)	C (.242)	35%	2 slot	-	blank	3.5
SG-5	EZGas Pro	9S	10"S	TBD	3 1/2	204	3/8 (.375)	19/64 (.297)	60%	2 slot	-	blank	3.5
SG-6	EZGas Pro	A	10"S	TBD	3 1/2	246	25/64 (.391)	O (.316)	65%	2 slot	-	blank	3.5
SG-7	EZGas Pro	A	10"S	TBD	3 1/2	272 ¹	1/2 (.500)	23/64 (.359)	80%	2 slot	-	blank ²	3.5

¹ Carlin recommended firing rate

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

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

Bock Water Heater

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

Buderus

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

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

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

Only use welded flange burners with G115 boilers.

Gas Burner Setup Tables

Appliance Model	Burner Model	Diffuser/ Head	Air Tube	OEM Air Tube	Insertion Depth	Input MBH	Orifice Size		Air Setting	Air Band	Head Bar	Air Shutter	Manifold Pressure
							Natural Gas	Propane					

Buderus cont'd

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

G215 series: Must have gasket under ignitor and grommet in access cover: kit # GSKTKIT1

Columbia Boiler

CBX-120	EZGas Pro	B	10"	99553	1 3/4	120	C (.242)	#9 (.196)	40NG/49LP	1 slot	-	blank	3.5
CBX-140	EZGas Pro	B	10"	99553	1 3/4	140	1/4 (.250)	7/32 (.218)	45NG/60LP	1 slot	-	blank	3.5
CBX-160	EZGas Pro	B	10"	99553	1 3/4	160	L (.290)	15/64 (.234)	85%	1 slot	-	blank	3.5
CBX-120-DV	EZGas Pro	B	12"/10"	50171	1 3/4	120	C (.242)	#9 (.196)	11NG/17LP	Air Boot	-	--	3.5
CBX-140-DV	EZGas Pro	B	12"/10"	50171	1 3/4	140	1/4 (.250)	7/32 (.218)	17NG/25LP	Air Boot	-	--	3.5
CBX-160-DV	EZGas Pro	B	12"/10"	50171	1 3/4	160	L (.290)	15/64 (.234)	32%	Air Boot	-	--	3.5
CSFH-3085	EZGas Pro	9S	10"	Universal	2 1/2	119	15/64 (.234)	3/16 (.187)	30%	1 slot	-	blank	3.5
CSFH 3100	EZGas Pro	9S	10"	Universal	2 1/2	140	17/64 (.265)	7/32 (.219)	45%	1 slot	-	blank	3.5
CSFH4100	EZGas Pro	9S	10"	Universal	2 1/2	140	17/64 (.265)	7/32 (.219)	25%	2 slot	-	blank	3.5
CSFH4125	EZGas Pro	9S	10"	Universal	2 1/2	175	21/64 (.328)	17/64 (.265)	45%	2 slot	-	blank	3.5
CSFH 4145	EZGas Pro	9S	10"	Universal	2 1/2	203	11/32 (.343)	9/32 (.281)	65%	2 slot	-	blank	3.5
CSFH 5160	EZGas Pro	A	10"	Universal	2 1/2	224	21/64 (.328)	9/32 (.281)	60%	2 slot	-	blank	3.5
CSFH 5185 ¹	EZGas Pro	A	10"	Universal	2 1/2	259	V (.377)	21/64 (.328)	75%	2 slot	-	blank ¹	3.5
CSFH 6175	EZGas Pro	A	10"	Universal	2 1/2	245	25/64 (.391)	19/64 (.297)	75%	2 slot	-	blank	3.4NG/3.5LP
CSFH 6210	201GAS	A	10"	Universal	2 1/2	295	25/64 (.391)	21/64 (.328)	40%	2 slot	-	full	3.4NG/3.0LP
¹ Air flow switch cover spacer required - P/N: 50925													
EMG-31-120	EZGas Pro	9S	10"S	50659	1 3/4	120	C (.242)	11/64 (.172)	31%	1 slot	-	blank	3.5
EMG-31-140	EZGas Pro	9S	10"S	50659	1 3/4	140	1/4 (.250)	13/64 (.203)	45%	1 slot	-	blank	3.5
EMG-31-160	EZGas Pro	9S	10"S	50659	1 3/4	160	L (.290)	7/32 (.218)	65NG/78LP	1 slot	-	blank	3.5
EMG-180	EZGas Pro	9S	10"S	50659	1 3/4	180	N (.302)	C (.242)	38NG/45LP	2 slot	-	blank	3.5
EMG-200	EZGas Pro	9S	10"S	50659	1 3/4	200	5/16 (.312)	17/64 (.266)	33NG/50LP	2 slot	-	blank	3.5
EMG-220	EZGas Pro	9S	10"S	50659	1 3/4	220	T (.358)	9/32 (.281)	56NG/70LP	2 slot	-	blank	3.5
CT-6	EZGas Pro	9S	12"	99630	4 3/4	252	3/8 (.375)	19/64 (.297)	80%	2 slot	-	blank	3.5
GL-18	EZGas Pro	A	12"	99630	4 3/4	196	5/16 (.312)	1/4 (.250)	35%	2 slot	-	blank	3.5
VT-3	EZGas Pro	B	12"	99630	4 3/4	150	9/32 (.281)	7/32 (.218)	45%	1 slot	-	blank	3.5

Crown Boiler

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

Dunkirk

3EW.65Z	EZGas Pro	9S	10"	Universal	2 1/4	91	13/64 (.203)	5/32 (.156)	20%	1 slot	-	blank	3.5
3EW.75Z	EZGas Pro	9S	10"	Universal	2 1/4	105	7/32 (.219)	11/64 (.172)	25%	1 slot	-	blank	3.5
3EW1.00Z	EZGas Pro	9S	10"	Universal	2 1/4	140	17/64 (.265)	13/64 (.203)	45%	1 slot	-	blank	3.5
4EW.90Z	EZGas Pro	9S	10"	Universal	2 1/4	126	D (.246)	#12 (.189)	25%	2 slot	-	blank	3.5
4EW1.25Z	EZGas Pro	9S	10"	Universal	2 1/4	175	5/16 (.312)	C (.242)	45%	2 slot	-	blank	3.4NG/3.5LP
4EW1.50Z	EZGas Pro	9S	10"	Universal	2 1/4	210	T (.258)	9/32 (.281)	60%	2 slot	-	blank	3.3NG/3.2LP
5EW1.20T	EZGas Pro	9S	10"	Universal	2 1/4	168	L (.290)	15/64 (.234)	40%	2 slot	-	blank	3.5

Gas Burner Setup Tables

Appliance Model	Burner Model	Diffuser/ Head	Air Tube	OEM Air Tube	Insertion Depth	Input MBH	Orifice Size		Air Setting	Air Band	Head Bar	Air Shutter	Manifold Pressure
							Natural Gas	Propane					

Dynatherm Boiler Manufacturing

FP-18	EZGas Pro	B	10"	99413	3	91	13/64 (.203)	9/64 (.140)	15NG/12LP	1 Slot	-	blank	3.5
						105	#3 (.213)	#21 (.159)	23%	1 Slot	-	blank	3.5
						119	15/64 (.234)	11/64 (.171)	33%	1 Slot	-	blank	3.5
FP-24	EZGas Pro	B	10"	99413	3	119	15/64 (.234)	11/64 (.171)	42%	1 Slot	-	blank	3.5
						140	17/64 (.265)	13/64 (.203)	60%	1 Slot	-	blank	3.5
						175	5/16 (.312)	B (.238)	90%	1 Slot	-	blank	3.5
FP-36	EZGas Pro	B	10"	99413	3	175	5/16 (.312)	B (.238)	50NG/40LP	2 Slot	-	blank	3.5
						189	Q (.332)	F (.257)	60NG/53LP	2 Slot	-	blank	3.5
						210	3/8 (.375)	J (.277)	83NG/67LP	2 Slot	-	blank	3.5
FP-18-DV	EZGas Pro	B	10"	99413	3	91	13/64 (.203)	9/64 (.140)	6%	Air Boot	-	--	3.5
						105	#3 (.213)	#21 (.159)	8%	Air Boot	-	--	3.5
						119	15/64 (.234)	11/64 (.171)	12%	Air Boot	-	--	3.5
FP-24-DV	EZGas Pro	B	10"	99413	3	119	15/64 (.234)	11/64 (.171)	10%	Air Boot	-	--	3.5
						140	17/64 (.265)	13/64 (.203)	18%	Air Boot	-	--	3.5
						175	5/16 (.312)	B (.238)	37NG/28LP	Air Boot	-	--	3.5
FP-36-DV	EZGas Pro	B	10"	99413	3	175	5/16 (.312)	B (.238)	37NG/32LP	Air Boot	-	--	3.5
						189	Q (.332)	F (.257)	43%	Air Boot	-	--	3.5
						210	3/8 (.375)	J (.277)	75NG/85LP	Air Boot	-	--	3.5

EFM Boilers

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

Energy Kinetics

EK-1 Frontier	EZGas Pro	B	7"	50710 ³	2 3/8	80	#8 (.199)	#25 (.149)	¹ 25% ²	1 Slot	-	blank	3.5
						100	#1 (.228)	#16 (.177)	¹ 40% ²	1 Slot	-	blank	3.5
						120	C (.242)	#12 (.189)	¹ 50% ²	1 Slot	-	blank	3.5
						150	J (.277)	7/32 (.219)	¹ 70% ²	1 Slot	-	blank	3.5
EK-2 Frontier	EZGas Pro	A	7"	50795 ³	2 3/8	175	N (.302)	C (.242)	¹ 45% ²	2 Slot	-	blank	3.5
						200	21/64 (.328)	17/64 (.266)	¹ 55% ²	2 Slot	-	blank	3.5
						225	T (.358)	9/32 (.281)	¹ 70% ²	2 Slot	-	blank	3.5
						250	X (.397)	5/16 (.312)	¹ 85% ²	2 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.

Fleetline Products Ltd.

Aqua-Matic Sereis Boiler													
80	EZGas Pro	B	10"	98710	2 7/8	80	#10 (.194)	#24 (.152)	8%	1 Slot	-	blank	3.5
100	EZGas Pro	B	10"	98710	2 7/8	100	15/64 (.234)	#18 (.169)	20%	1 Slot	-	blank	3.0
120	EZGas Pro	B	10"	98710	2 7/8	120	C (.242)	#11 (.191)	30%	1 Slot	-	blank	3.5
150	EZGas Pro	B	10"	98710	2 7/8	150	I (.272)	15/64 (.234)	40%	1 Slot	-	blank	3.5
180	EZGas Pro	B	10"	98710	2 7/8	180	O (.316)	1/4 (.250)	70%	1 Slot	-	blank	3.5
80 ¹	EZGas Pro	B	10"	98710	2 7/8	80	#10 (.194)	#24 (.152)	5%	Air Boot	-	--	3.5
100 ¹	EZGas Pro	B	10"	98710	2 7/8	100	15/64 (.234)	#18 (.169)	10%	Air Boot	-	--	3.0
120 ¹	EZGas Pro	B	10"	98710	2 7/8	120	C (.242)	#11 (.191)	15%	Air Boot	-	--	3.5
150 ²	EZGas Pro	B	10"	98710	2 7/8	150	I (.272)	15/64 (.234)	20%	Air Boot	-	--	3.5
180 ²	EZGas Pro	B	10"	98710	2 7/8	180	O (.316)	1/4 (.250)	35%	Air Boot	-	--	3.5

¹ Direct vent version of boiler using 3" exhaust and 4" intake duct.

² Direct vent version of boiler using 4" exhaust and 4" intake duct.

Gas Burner Setup Tables

Appliance Model	Burner Model	Diffuser/ Head	Air Tube	OEM Air Tube	Insertion Depth	Input MBH	Orifice Size		Air Setting	Air Band	Head Bar	Air Shutter	Manifold Pressure
							Natural Gas	Propane					

FW Webb PurePro

Advantage													
AO-3	EZGas Pro	9S	10"	Universal	2 1/4	91	13/64 (.203)	#21 (.159)	25%	1 slot	-	blank	3.5
						105	#4 (.209)	#17 (.173)	30%	1 slot	-	blank	3.5
						140	1/4 (.250)	13/64 (.203)	55%	1 slot	-	blank	3.5
AO-4	EZGas Pro	9S	10"	Universal	2 1/4	175	19/64 (.297)	1/4 (.250)	45%	2 slot	-	blank	3.5
						210	T (.258)	19/64 (.297)	75%	2 slot	-	blank	3.5
AO-5	EZGas Pro	A	10"	Universal	2 1/4	245	25/64 (.391)	5/16 (.312)	65%	2 slot	-	blank	3.5
						275	15/32 (.469)	21/64 (.328)	85%	2 slot	-	blank	3.5
Trio													
P3	EZGas Pro	9S	12"/ 10"	50363B	1 3/4	85	#12 (.189)	#23 (.154)	10%	1 slot	-	blank	3.5
						105	#1 (.228)	#15 (.180)	20%	1 slot	-	blank	3.5
P4	EZGas Pro	9S	12"/ 10"S	50361B	1 3/4	116	15/64 (.234)	#13 (.185)	18%	2 slot	-	blank	3.5
						140	G (.261)	#6 (.204)	25%	2 slot	-	blank	3.5
P5	EZGas Pro	9S	12"/ 10"S	50361B	1 3/4	145	17/64 (.266)	#4 (.209)	27%	2 slot	-	blank	3.5
						175	5/16 (.312)	C (.242)	40%	2 slot	-	blank	3.5

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

Giant Factories Inc.

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

Hallmark Furnace

HBD-85	EZGas Pro	B	12"	Universal	5 3/4	105	#2 (.221)	#16 (.177)	20%	1 slot	-	blank	3.5
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John Wood Water Heater

JW6F-307-400	EZGas Pro	B	12"	Universal	4 3/4	91	13/64 (.203)	5/32 (.156)	22%	1 slot	-	blank	3.5
	EZGas Pro	B	12"	Universal	4 3/4	105	7/32 (.219)	11/64 (.172)	35%	1 slot	-	blank	3.5
JW6F-507-400	EZGas Pro	B	14"	Universal	5 3/4	105	7/32 (.219)	11/64 (.172)	30%	1 slot	-	blank	3.5
JW317/ 327	EZGas Pro	B	14"	9931601	7	105	7/32 (.219)	11/64 (.172)	22%	1 Slot	-	blank	3.5
JW517/ 527	EZGas Pro	B	14"	9931601	7	119	D (.246)	#7 (.201)	23%	1 Slot	-	blank	3.5
JW717/ 727	EZGas Pro	B	14"	9931601	7	140	17/64 (.266)	#3 (.213)	31%	1 Slot	-	blank	3.5
JWF307	EZGas Pro	B	12"	9966201	4 3/4	91	13/64 (.203)	#19 (.166)	12%	1 Slot	-	blank	3.5
						105	7/32 (.219)	11/64 (.172)	22%	1 Slot	-	blank	3.5
JWF507	EZGas Pro	B	12"	9966301	5 3/4	105	7/32 (.219)	11/64 (.172)	24%	1 Slot	-	blank	3.5
JWF657	EZGas Pro	B	14"	9931701	7 3/4	140	1/4 (.250)	#3 (.213)	25%	1 Slot	-	blank	3.5
						175	P (.323)	G (.261)	80%	1 Slot	-	blank	3.5

Lanair/ Clean Burn

CB1750	EZGas Pro	A	10"	Universal	-	175	5/16 (.312)	1/4 (.250)	35%	2 slot	-	blank	3.5
CB2500	EZGas Pro	A	10"	Universal	-	250	3/8 (.375)	L (.290)	75%	2 slot	-	blank	3.5

Metromatic

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

New Yorker Boiler Co.

FR-98-W	EZGas Pro	9S	10"	Universal	1 1/2	120	C (.221)	#7 (.201)	35%	1 Slot	-	blank	3.5
FR-122-W	EZGas Pro	9S	10"	Universal	1 1/2	150	I (.272)	A (.234)	50%	1 Slot	-	blank	3.5
FR-98-W-DV	EZGas Pro	9S	10"	Universal	1 1/2	120	C (.221)	#7 (.201)	35%	1 Slot	-	blank	3.5
FR-122-W-DV	EZGas Pro	9S	10"	Universal	1 1/2	150	I (.272)	A (.234)	50%	1 Slot	-	blank	3.5
HGS1	EZGas Pro	9S	10"	Universal	1 1/2	110	A (.234)	#13 (.185)	30%	1 Slot	-	blank	3.5NG/3.2LP
						140	F (.257)	A (.234)	45%	1 Slot	-	blank	3.5NG/3.2LP
HGS1-DV	EZGas Pro	9S	10"	Universal	1 1/2	110	A (.234)	#13 (.185)	30%	1 Slot	-	--	3.5NG/3.2LP
						140	F (.257)	A (.234)	45%	1 Slot	-	--	3.5NG/3.2LP

NEED BURNER COVER FOR DIRECT VENT MODELS

Gas Burner Setup Tables

Appliance Model	Burner Model	Diffuser/Head	Air Tube	OEM Air Tube	Insertion Depth	Input MBH	Orifice Size		Air Setting	Air Band	Head Bar	Air Shutter	Manifold Pressure
							Natural Gas	Propane					

New Yorker Boiler Co. cont'd

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

Olsen Furnace

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

Peerless (PB Heat)

EC/ECT-03-075	EZGas Pro	9S	10"	Universal	2 1/2	105	7/32 (.2187)	11/64 (.1718)	30%	1 slot	-	blank	3.5
EC/ECT-03-100	EZGas Pro	9S	10"	Universal	2 1/2	140	1/4 (.250)	13/64 (.2031)	42%	1 slot	-	blank	3.5
EC/ECT-03-120	EZGas Pro	9S	10"	Universal	2 1/2	168/150	17/64 (.2656)	7/32 (.2187)	65%	1 slot	-	blank	3.5
EC/ECT-04-125	EZGas Pro	9S	10"	Universal	2 1/2	175	9/32 (.2812)	15/64 (.234)	40%	2 slot	-	blank	3.5
EC/ECT-04-150	EZGas Pro	9S	10"	Universal	2 1/2	210	21/64 (.3281)	17/64 (.2656)	60%	2 slot	-	blank	3.5
EC/ECT-04-175	EZGas Pro	A	10"	Universal	2 1/2	245	11/32 (.344)	9/32 (.2812)	45%	2 slot	-	blank	3.5
EC/ECT-05-175	EZGas Pro	A	10"	Universal	2 1/2	245	11/32 (.344)	9/32 (.2812)	45%	2 slot	-	blank	3.5
EC/ECT-05-200	EZGas Pro	A	10"	Universal	2 1/2	280/275	7/16 (.4375)	11/32 (.3437)	75%	2 slot	-	blank	3.5
WBV-03	EZGas Pro	9S	10"	Universal	2 1/2	140	F (.257)	#3 (.213)	50%	1 slot	-	blank	3.4
WBV-04	EZGas Pro	9S	10"	Universal	2 1/2	133	F (.257)	13/64 (.203)	32%	2 slot	-	blank	3.2NG/3.4LP
						175	N (.302)	1/4 (.250)	42NG/50LP	2 slot	-	blank	3.6NG/3.2LP
						210	23/64 (.359)	1/4 (.250)	65NG/70LP	2 slot	-	blank	3.7NG/3.5LP

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

Pensotti

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

DK2 burners come with gasket under ignitor and grommet in access cover: kit # GSKTKIT1

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

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

Regal Star (Boyertown Furnace)

RSM-600	EZGas Pro	9S	12"	98896	4	84	#12 (.189)	#23 (.154)	18%	1 slot	-	blank	3.3
						105	#1 (.228)	#15 (.180)	32%	1 slot	-	blank	3.2NG/3.1LP

Slant Fin

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

Appliance Model	Burner Model	Diffuser/ Head	Air Tube	OEM Air Tube	Insertion Depth	Input MBH	Orifice Size		Air Setting	Air Band	Head Bar	Air Shutter	Manifold Pressure
							Natural Gas	Propane					

Slant Fin

TR30	EZGas Pro	9S	12"/ 10"S	50304	2 1/8	154	9/32 (.281)	#1 (.228)	60%	1 slot	-	blank	3.5NG/3.4LP
						175	O (.316)	15/64 (.234)	72%	1 slot	-	blank	3.4NG/3.5LP
TR40	EZGas Pro	A	12"/ 10"S	50304	2 1/8	210	11/32 (.343)	17/64 (.266)	47%	2 slot	-	blank	3.4NG/3.5LP
						224	23/64 (.359)	9/32 (.281)	52%	2 slot	-	blank	3.5
						252	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	EZGas Pro	9S	12"S	50964	4 1/2	91	7/32 (.219)	#23 (.154)	20%	1 slot	-	blank	3.4
						98	#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	EZGas Pro	9S	10"	99553	1 3/4	119	#1 (.228)	#12 (.189)	20%	2 slot	-	blank	3.5
						140	1/4 (.250)	#6 (.204)	30%	2 slot	-	blank	3.5
						160	I (.272)	#1 (.228)	40%	2 slot	-	blank	3.5
XL-40	EZGas Pro	9S	10"	99553	1 3/4	175	M (.295)	D (.246)	45%	2 slot	-	blank	3.5
						189	19/64 (.296)	1/4 (.250)	50%	2 slot	-	blank	3.5
						217	11/32 (.343)	9/32 (.281)	70%	2 slot	-	blank	3.5

Smith Cast-Iron Boilers

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

For Series 8 burners with covers use OEM air tube part number 50295 for 3 and 4 section and part number 50296 for 5 and 6 section.

Solaia Boilers

SL375	EZGas Pro	9S	12"/ 10"	50363B	1 3/4	85	#12 (.189)	#23 (.154)	10%	1 slot	-	blank	3.5
						105	#1 (.228)	#15 (.180)	20%	1 slot	-	blank	3.5
SL4100	EZGas Pro	9S	12"/ 10"S	50361B	1 3/4	116	15/64 (.234)	#13 (.185)	18%	2 slot	-	blank	3.5
						140	G (.261)	#6 (.204)	25%	2 slot	-	blank	3.5
SL5125	EZGas Pro	9S	12"/ 10"S	50361B	1 3/4	145	17/64 (.266)	#4 (.209)	27%	2 slot	-	blank	3.5
						175	5/16 (.312)	C (.242)	40%	2 slot	-	blank	3.5

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

Thermo-Dynamics Boiler Co.

CWL-GS-100	EZGas Pro	9S	10"S	99393	3 1/2	100	#1 (.228)	5/32 (.156)	35%	1 slot	-	blank	3.5
CWL-GS-120	EZGas Pro	9S	10"S	99393	3 1/2	120	C (.242)	11/64 (.172)	43%	1 slot	-	blank	3.5
CWL-GS-140	EZGas Pro	9S	10"S	99393	3 1/2	140	1/4 (.250)	13/64 (.203)	52%	1 slot	-	blank	3.5
CWL-GS-100-DV	EZGas Pro	9S	10"S	99393	3 1/2	100	#1 (.228)	5/32 (.156)	35%	1 slot	-	blank	3.5
CWL-GS-120-DV	EZGas Pro	9S	10"S	99393	3 1/2	120	C (.242)	11/64 (.172)	43%	1 slot	-	blank	3.5
CWL-GS-140-DV	EZGas Pro	9S	10"S	99393	3 1/2	140	1/4 (.250)	13/64 (.203)	52%	1 slot	-	blank	3.5
HT-120-GS	EZGas Pro	9S	10"S	50727	3 3/4	120	C (.242)	11/64 (.172)	30%	1 slot	-	blank	3.5
HT-140-GS	EZGas Pro	9S	10"S	50727	3 3/4	140	1/4 (.250)	13/64 (.203)	42%	1 slot	-	blank	3.5
HT-160-GS	EZGas Pro	9S	10"S	50727	3 3/4	160	L (.290)	7/32 (.218)	57NG/78LP	1 slot	-	blank	3.5
HT-II-165	EZGas Pro	A	10"	Universal	3 3/4	225	11/32 (.344)	9/32 (.281)	50%	2 Slot	-	blank	3.5
HT-II-175	EZGas Pro	A	10"	Universal	3 3/4	250	13/32 (.406)	5/16 (.312)	60%	2 Slot	-	Blank	3.5
HT-II-200	EZGas Pro	A	10"	Universal	3 3/4	275	7/16 (.438)	11/32 (.344)	85%	2 Slot	-	Blank	3.5
TDX-120	EZGas Pro	B	10"	99553	1 3/4	120	C (.242)	#9 (.196)	40NG/49LP	1 slot	-	blank	3.5
TDX-140	EZGas Pro	B	10"	99553	1 3/4	140	1/4 (.250)	7/32 (.218)	45NG/60LP	1 slot	-	blank	3.5
TDX-160	EZGas Pro	B	10"	99553	1 3/4	160	L (.290)	15/64 (.234)	82NG/85LP	1 slot	-	blank	3.5
TDX-120-DV	EZGas Pro	B	12"/ 10"	50171	1 3/4	120	C (.242)	#9 (.196)	40NG/49LP	1 slot	-	blank	3.5
TDX-140-DV	EZGas Pro	B	12"/ 10"	50171	1 3/4	140	1/4 (.250)	7/32 (.218)	45NG/60LP	1 slot	-	blank	3.5
TDX-160-DV	EZGas Pro	B	12"/ 10"	50171	1 3/4	160	L (.290)	15/64 (.234)	82NG/85LP	1 slot	-	blank	3.5

Gas Burner Setup Tables

Appliance Model	Burner Model	Diffuser/ Head	Air Tube	OEM Air Tube	Insertion Depth	Input MBH	Orifice Size		Air Setting	Air Band	Head Bar	Air Shutter	Manifold Pressure
							Natural Gas	Propane					

Thermo Pride

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

¹ Burner will not fit in cabinet with door on.

Triangle Tube Phase III

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

Utica Boilers

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

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

Viessmann

VR1-22	EZGas Pro	C	12-S	TBD	4	91	#1 (.228)	11/64 (.172)	30%	1 slot	-	blank	3.5
VR1-27	EZGas Pro	9 slot	12	TBD	5	105	7/32 (.219)	11/64 (.172)	20%	1 slot	-	blank	3.5
VR1-33	EZGas Pro	9 slot	12	TBD	5	140	17/64 (.265)	#4 (.209)	30%	2 slot	-	blank	3.5
VR1-40	EZGas Pro	9 slot	12	TBD	5	161	19/64 (.297)	15/64 (.234)	35%	2 slot	-	blank	3.5
VR1-50	EZGas Pro	9 slot	12	TBD	5	196	5/16 (.312)	I (.272)	55%	2 slot	-	blank	3.5
VR1-63	EZGas Pro	A-1	12-S	TBD	4	245	3/8 (.375)	19/64 (.297)	60%	2 slot	-	blank	3.5
Direct Vent													
VR1-22-DV	EZGas Pro	C	12-S	TBD	4	91	#1 (.228)	11/64 (.172)	45%	1 slot	-	blank	3.5
VR1-27-DV	EZGas Pro	9 slot	12	TBD	5	105	7/32 (.219)	11/64 (.172)	27%	1 slot	-	blank	3.5
VR1-33-DV	EZGas Pro	9 slot	12	TBD	5	140	17/64 (.265)	#4 (.209)	25%	2 slot	-	blank	3.5

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

Weil-McLain

GO-2	EZGas Pro	B	10"	9895301	3 1/8	98	7/32 (.219)	11/64 (.172)	35NG/25LP	1 Slot	-	blank	3.5
GO-3R	EZGas Pro	B	10"	9895301	3 1/8	112	#1 (.228)	#15 (.180)	30%	1 slot	-	blank	3.5
GO-3	EZGas Pro	B	10"	9895301	3 1/8	133	1/4 (.250)	7/32 (.219)	35NG/40LP	1 Slot	-	blank	3.5
GO-4R	EZGas Pro	9S	10"	9895301	3 1/8	140	1/4 (.250)	#5 (.206)	25%	2 Slot	-	blank	3.5
GO-4	EZGas Pro	9S	10"	9895301	3 1/8	168	9/32 (.281)	#2 (.221)	35%	2 Slot	-	blank	3.5
GO-5R	EZGas Pro	A	10"	9895301	3 1/8	168	L (.290)	15/64 (.234)	35%	2 Slot	-	blank	3.5
GO-5	EZGas Pro	A	10"	9895301	3 1/8	203	5/16 (.312)	I (.272)	35%	2 Slot	-	blank	3.5
GO-6R	EZGas Pro	A	10"	9895301	3 1/8	196	5/16 (.312)	1/4 (.250)	40%	2 Slot	-	blank	3.5
GO-6	EZGas Pro	A	10"	9895301	3 1/8	245	X (.397)	P (.323)	58NG/70LP	2 Slot	-	blank	3.5
UO-3	EZGas Pro	B	10"S	50330	2	112	7/32 (.219)	#14 (.182)	22NG/30LP	1 slot	-	blank	3.5
						140	F (.257)	7/32 (.219)	50%	1 slot	-	blank	3.5
						168	L (.290)	D (.246)	65%	1 slot	-	blank	3.5
UO-5	EZGas Pro	A	10"S	50330	2	196	P (.323)	I (.272)	40%	2 slot	-	blank	3.5

Ultra burners are built with covers

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

Gas Burner Setup Tables

Appliance Model	Burner Model	Diffuser/ Head	Air Tube	OEM Air Tube	Insertion Depth	Input MBH	Orifice Size		Air Setting	Air Band	Head Bar	Air Shutter	Manifold Pressure
							Natural Gas	Propane					

Williamson-Thermoflo

W/HBO-10A	EZGas Pro	B	12"	Universal	5 1/2	105	#2 (.221)	#16 (.177)	15%	1 Slot	-	blank	3.5
						120	C (.242)	#10 (.194)	25%	1 Slot	-	blank	3.5
CLB/ CHB-105	EZGas Pro	9S	12"	Universal	5 1/2	91	#5 (.205)	#20 (.161)	18%	1 slot	-	blank	3.5
						105	7/32 (.219)	#19 (.166)	20%	1 slot	-	blank	3.5
						119	#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	EZGas Pro	9S	10"	Universal	1 3/4	70	11/64 (.172)	#30 (.129)	11%	1 slot	-	blank	3.6
						84	3/16 (.187)	5/32 (.156)	20%	1 slot	-	blank	3.8NG/3.7LP
						98	7/32 (.219)	#20 (.161)	28%	1 slot	-	blank	3.2NG/ 3.6LP
PMP/PLB-112	EZGas Pro	9S	10"	Universal	1 3/4	95	#5 (.206)	#20 (.161)	29%	1 slot	-	blank	3.6
						112	#2 (.221)	#15 (.180)	36%	1 slot	-	blank	3.6
OWB/OWT-3	EZGas Pro	B	10"	9895301	3 1/8	98	7/32 (.219)	11/64 (.172)	35NG/25LP	1 Slot	-	blank	3.5
OWB/OWT-3	EZGas Pro	B	10"	9895301	3 1/8	133	1/4 (.250)	7/32 (.219)	35NG/40LP	1 Slot	-	blank	3.5
OWB/OWT-4	EZGas Pro	9S	10"	9895301	3 1/8	140	1/4 (.250)	#5 (.206)	25%	2 Slot	-	blank	3.5
OWB/OWT-4	EZGas Pro	9S	10"	9895301	3 1/8	168	9/32 (.281)	#2 (.221)	35%	2 Slot	-	blank	3.5
OWB/OWT-5	EZGas Pro	A	10"	9895301	3 1/8	168	L (.290)	15/64 (.234)	35%	2 Slot	-	blank	3.5
OWB/OWT-5	EZGas Pro	A	10"	9895301	3 1/8	203	5/16 (.312)	I (.272)	35%	2 Slot	-	blank	3.5
OWB/OWT-6	EZGas Pro	A	10"	9895301	3 1/8	196	5/16 (.312)	1/4 (.250)	40%	2 Slot	-	blank	3.5
OWB/OWT-6	EZGas Pro	A	10"	9895301	3 1/8	245	X (.397)	P (.323)	58NG/70LP	2 Slot	-	blank	3.5
OSB-3	EZGas Pro	B	10"	9895301	3 1/8	133	1/4 (.250)	7/32 (.219)	35NG/40LP	1 Slot	-	blank	3.5
OSB-4	EZGas Pro	9S	10"	9895301	3 1/8	144	1/4 (.250)	#5 (.206)	25%	2 Slot	-	blank	3.5
OSB-5	EZGas Pro	A	10"	9895301	3 1/8	174	L (.290)	15/64 (.234)	35%	2 Slot	-	blank	3.5
OSB-6	EZGas Pro	A	10"	9895301	3 1/8	210	5/16 (.312)	1/4 (.250)	40%	2 Slot	-	blank	3.5

York Shipley

CT-6	EZGas Pro	9S	12"	99630	4 3/4	252	3/8 (.375)	19/64 (.297)	80%	2 slot	-	blank	3.5
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ENGINEERING INFORMATION

Drill Bit Chart

<i>Fraction or Drill Size</i>	<i>Decimal Equivalent</i>	<i>Fraction or Drill Size</i>	<i>Decimal Equivalent</i>	<i>Fraction or Drill Size</i>	<i>Decimal Equivalent</i>	<i>Fraction or Drill Size</i>	<i>Decimal Equivalent</i>
1/64"	0.0156	30	0.1287	B	0.2380	29/64"	0.4531
1/32"	0.0312	29	0.1360	C	0.2420	15/32"	0.4687
60	0.0400	28	0.1415	D	0.2460	31/64"	0.4843
59	0.0410	9/64"	0.1406	E	0.2500	1/2"	0.5000
58	0.0420	27	0.1440	1/4"	0.2500	33/64"	0.5156
57	0.0430	26	0.1470	F	0.2570	17/32"	0.5312
56	0.0465	25	0.1495	G	0.2610	35/64"	0.5469
3/64"	0.0468	24	0.1520	17/64"	0.2656	9/16"	0.5625
55	0.0520	23	0.1540	H	0.2660	37/64"	0.5781
54	0.0550	5/32"	0.1562	I	0.2720	19/32"	0.5937
53	0.0559	22	0.1570	J	0.2770	39/64"	0.6094
1/16"	0.0625	21	0.1590	K	0.2810	5/8"	0.6250
52	0.0635	20	0.1610	9/32"	0.2812	41/64"	0.6406
51	0.0670	19	0.1660	L	0.2900	21/32"	0.6562
50	0.0700	18	0.1695	M	0.2950	43/64"	0.6719
49	0.0730	11/64"	0.1718	19/64"	0.2968	11/16"	0.6875
48	0.0760	17	0.1730	N	0.3020	45/64"	0.7031
5/64"	0.0781	16	0.1770	5/16"	0.3125	23/32"	0.7187
47	0.0785	15	0.1800	O	0.3160	47/64"	0.7344
46	0.0810	14	0.1820	P	0.3230	3/4"	0.7500
45	0.0820	13	0.1850	21/64"	0.3281	49/64"	0.7656
44	0.0860	3/16"	0.1875	Q	0.3320	25/32"	0.7812
43	0.0890	12	0.1890	R	0.3390	51/64"	0.7969
42	0.0935	11	0.1910	11/32"	0.3437	13/16"	0.8125
3/32"	0.0937	10	0.1935	S	0.3480	53/64"	0.8281
41	0.0960	9	0.1960	T	0.3580	27/32"	0.8437
40	0.0980	8	0.1990	23/64"	0.3593	55/64"	0.8594
39	0.0995	7	0.2010	U	0.3680	7/8"	0.8750
38	0.1015	13/64"	0.2031	3/8"	0.3750	57/64"	0.8594
37	0.1040	6	0.2040	V	0.3770	29/32"	0.9062
36	0.1065	5	0.2055	W	0.3860	59/64"	0.9219
7/64"	0.1093	4	0.2090	25/64"	0.3906	15/16"	0.9375
35	0.1100	3	0.2130	X	0.3970	61/64"	0.9531
34	0.1110	7/32"	0.2187	Y	0.4040	31/32"	0.9687
33	0.1130	2	0.2210	13/32"	0.4062	63/64"	0.9844
32	0.1160	1	0.2280	Z	0.4130	1"	1.0000
31	0.1200	A	0.2340	27/64	0.4218		
1/8"	0.1250	15/64"	0.2343	7/16"	0.4375		

ENGINEERING INFORMATION

EZ-TEMP™ SENSOR RESISTANCE VS TEMPERATURE

(ACCURACY +/- 1°F)

Ohms	°F	Ohms	°F	Ohms	°F	Ohms	°F	Ohms	°F	Ohms	°F
963,730	-67.0	102,900	-5.8	17,254	55.4	4,042	116.6	1,215	177.8	445.2	239.0
895,230	-65.2	97,072	-4.0	16,462	57.2	3,889	118.4	1,177	179.6	433.4	240.8
832,040	-63.4	91,613	-2.2	15,711	59.0	3,742	120.2	1,140	181.4	421.9	242.6
773,710	-61.6	86,494	-0.4	14,998	60.8	3,602	122.0	1,104	183.2	410.8	244.4
719,860	-59.8	81,689	1.4	14,322	62.6	3,468	123.8	1,070	185.0	399.9	246.2
670,090	-58.0	77,183	3.2	13,680	64.4	3,340	125.6	1,037	186.8	389.6	248.0
624,090	-56.2	72,951	5.0	13,071	66.2	3,217	127.4	1,005	188.6	379.4	249.8
581,540	-54.4	68,977	6.8	12,492	68.0	3,099	129.2	973.8	190.4	369.6	251.6
542,170	-52.6	65,242	8.6	11,942	69.8	2,986	131.0	944.1	192.2	360.1	253.4
505,710	-50.8	61,732	10.4	11,419	71.6	2,878	132.8	915.4	194.0	350.9	255.2
471,940	-49.0	58,431	12.2	10,922	73.4	2,774	134.6	887.8	195.8	341.9	257.0
440,630	-47.2	55,326	14.0	10,450	75.2	2,675	136.4	861.1	197.6	333.2	258.8
411,600	-45.4	52,404	15.8	10,000	77.0	2,579	138.2	835.4	199.4	324.8	260.6
384,670	-43.6	49,654	17.6	9,572	78.8	2,488	140.0	810.6	201.2	316.7	262.4
359,670	-41.8	47,064	19.4	9,165	80.6	2,400	141.8	786.6	203.0	308.7	264.2
336,450	-40.0	44,625	21.2	8,777	82.4	2,316	143.6	763.5	204.8	301.0	266.0
314,880	-38.2	42,326	23.0	8,408	84.2	2,235	145.4	741.2	206.6	293.6	267.8
294,820	-36.4	40,158	24.8	8,057	86.0	2,157	147.2	719.6	208.4	286.3	269.6
276,170	-34.6	38,115	26.6	7,722	87.8	2,083	149.0	698.7	210.2	279.3	271.4
258,820	-32.8	36,187	28.4	7,403	89.6	2,011	150.8	678.6	212.0	272.4	273.2
242,660	-31.0	34,368	30.2	7,089	91.4	1,941	152.6	659.1	213.8	265.8	275.0
227,610	-29.2	32,650	32.0	6,808	93.2	1,876	154.4	640.3	215.6	259.4	276.8
213,590	-27.4	31,029	33.8	6,531	95.0	1,813	156.2	622.1	217.4	253.1	278.6
200,520	-25.6	29,498	35.6	6,268	96.8	1,752	158.0	604.6	219.2	247.1	280.4
188,330	-23.8	28,051	37.4	6,016	98.6	1,693	159.8	587.6	221.0	241.1	282.2
176,960	-22.0	26,684	39.2	5,775	100.4	1,636	161.6	571.2	222.8	235.4	284.0
166,340	-20.2	25,391	41.0	5,546	102.2	1,582	163.4	555.3	224.6	229.8	285.8
156,430	-18.4	24,169	42.8	5,326	104.0	1,530	165.2	539.9	226.4	224.4	287.6
147,160	-16.6	23,012	44.6	5,117	105.8	1,479	167.0	525.0	228.2	219.1	289.4
138,500	-14.8	21,917	46.4	4,917	107.6	1,431	168.8	510.6	230.0	214.0	291.2
130,410	-13.0	20,880	48.2	4,726	109.4	1,385	170.6	496.7	231.8	209.0	293.0
122,840	-11.2	19,899	50.0	4,543	111.2	1,340	172.4	483.2	233.6	204.2	294.8
115,750	-9.4	18,970	51.8	4,368	113.0	1,297	174.2	470.2	235.4	199.4	296.6
109,110	-7.6	18,089	53.6	4,201	114.8	1,255	176.0	457.5	237.2	194.9	298.4

ENGINEERING INFORMATION

Conversion Table

<i>Multiply...</i>	<i>By...</i>	<i>To Obtain...</i>
Atmosphere (atm)	14.7	Lb. Per Sq. in. (psi)
Atmosphere (atm)	29.92	Inches Mercury (in. hg.)
Bar	14.5	Lb. Per Sq. in. (psi)
Boiler Horsepower	34.5	Pounds steam/ hr @ 212°F
Boiler Horsepower	33,475	Btu per hour
Cubic feet (cu. ft.)	7.481	Gallons (gal)
Degrees-Centigrade (°C)	(°C x 1.8) + 32	Degrees-Fahrenheit (°F)
Degrees-Fahrenheit (°F)	(°F - 32) x 5÷9	Degrees-Centigrade (°C)
Foot (ft)	0.3048	Meters (m)
Gallon, #2 fuel oil	6.9	Pounds (lb.) approx.
Gallon, water	8.337	Pounds (lb.)
Horsepower	0.3	GPH
Horsepower	42	MBH
Horsepower - US & British	33,000	foot pounds per minute
Horsepower - US & British	42.42	Btu per minute
Inches mercury (in. hg.)	0.0334	Atmospheres (atm)
Inches mercury (in. hg.)	13.6	Inches water (in. w.c.)
Inches mercury (in. hg.)	0.4912	Lb. Per Sq. in. (psi)
Inches water (in. w.c.)	0.0735	Inches mercury (in. hg.)
Inches water (in. w.c.)	0.0361	Lb. Per Sq. in. (psi)
Kilocalorie (kcal)	3.968	Btu
Kilogram per hour (kgh)	0.3125	GPH
Kilowatt (kw)	0.0244	GPH
Kilowatt (kw)	1.341	Horsepower – US & British
Kilowatt hours (kwh)	3,413	Btu
Liter (l)	0.0353	Cubic foot (cu. ft.)
Liter (l)	0.2641	Gallon (gal)
Liter (l)	1.057	Quart - liquid
Meter (m)	3.281	Feet (ft)
Meter (m)	39.37	Inches (in)
Meter (m)	1.094	Yards (yd)
Pound-steam @ 212°F	970.3	Btu (heat of evaporation)
Pound per square inch (psi)	27.7	Inches water (in. w.c.)
Pound per square inch (psi)	2.036	Inches mercury (in. hg.)
Pound per square inch (psi)	0.068	Atmosphere (atm)
Square ft steam	240	Btu
Square ft water	150	Btu
Therm	100,000	Btu
Watt Hour (whr)	3.413	Btu