

EZGas Pro Residential Gas Conversion Burner



Bruce Graham



Carlin EZ Gas Ratings

- Residential Gas Burner
 - Inputs from 50,000 275,000 Btuh (.50-2.0 gph)
 - Accommodates Most Residential Applications
- UL Listed U.S. & Canada Can be retrofitted into any existing oil appliance per UL standards.
- All national and local codes must be followed







Carlin Technology Inc.

Why a Carlin EZ Gas Burner?

- Low Cost
 - Often the homeowner's only economically viable way to convert to gas.
 - Overcomes homeowners resistance when they recently installed oil fired unit.
 - Enables Gas Utilities/Installers to provide more options and close more conversions.
- Easy To Install
 - Shortens installation time, further reducing cost and allowing for more conversions.



Gallon Technology, Inc.

Why the Carlin EZ Gas Burner is the Burner of Choice for Safety

- Mixes Fuel/Air inside combustion chamber unlike older conversion burners
- Pre-Purge-Vents system prior to ignition
- Ignition-Max 6 Seconds- Locks out burner and gas valve if burner doesn't light off
- Air Proving Switch-Shuts down burner / gas valve if flame is lost
- Service Man Reset protection-Latch up with 3 consecutive lockouts in the same call for heat



When to Consider the Carlin EZ Gas Burner?

Newer Oil Appliances in good operating condition

 Rule of thumb - Oil appliances installed in the last 10 or 12 years.





Call Section Technology, Inc.

What appliances Can We Fire?

- Conventional Boilers with and without hot water coils
- Three Pass High Efficiency Boilers
 - Steam Boilers
 - Warm Air Furnaces
 - Direct Fired Water Heaters





Sales Process

- Survey the existing heating system
 - Is the Equipment in Good Shape?
 - Inspect Chimney:
 - Brick in Mortar on outside wall must be lined
 - Terra Cotta Ok, but must be inspected
 - Follow Local Codes.
 - Note the Flue Size for the Draft Regulator and the Venting Situation
 - Note the Existing Brand and Model # of the Appliance
 - Consult Carlin's OEM Guide or Gas Burner
 Selection Guide (at www.CarlinCombustion.com)



Combustion Technology, Inc.

Select the Burner: EZGas Pro Options

Appliance Specific Burners:

- Equipped with welded mounting flange, factory installed air band, diffuser plate and orifice.
- Benefit Faster Installation

Universal Burners

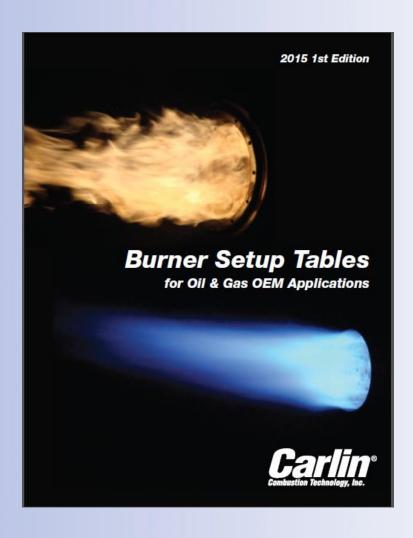
- Equipped with adjustable mounting flange, three diffuser plates, two air bands, and a field-drilled orifice.
- Benefit On the shelf at many wholesalers



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OEM Guide (in Print) or Gas Burner Selection Guide (on Line)







OEM Burner Set Up Tables

Gas Burner Setup Tables

Appliance	Burner	Diffuser/	Air	OEM	Insertion Depth	Input	Orific	e Size	Air	Air	Head	Air	Manifold
Model	Model	Head	Tube	Air Tube		MBH	Natural Gas	Propane	Setting	Band	Bar	Shutter	Pressure
Neil-McL	ain												
GO-2	EZGas Pro	В	10°	9918601	31/8	98	7/32 (.219)	11/64 (.172)	35NG/25LP	1 Slot		blank	3.5
GO-3	EZGas Pro	В	10°	9918601	3 1/8	133	1/4 (.250)	7/32 (.219)	35NG/40LP	1 Slot	•	blank	3.5
G0-4	EZGas Pro	95	10°	50847	31/8	168	9/32 (.281)	#2 (.221)	35%	2 Slot		blank	3.5
G0-5	EZGas Pro	A	10°	9895301	31/8	203	5/16 (.312)	1 (.272)	35%	2 Slot		blank	3.5
GO-6	EZGas Pro	A	10°	9895301	31/8	245	X (.397)	P (.323)	58NG/70LP	2 Slot	-	blank	3.5
G0-7	201GAS	В	10°	99331	31/8	280	Y (.404)	21/64 (.328)	38%	2 Slot	-	none	3.5
GO-8	201GAS	A	10°	98840	31/8	322	27/64 (.422)	11/32 (.344)	18NG/21LP	4 Slot	-	none	3.5
UO-3	EZGas Pro	В	10"5	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
UO-4	EZGas Pro	В	10"5	50330	2	168	L (.290)	D (.246)	65%	1 slot	-	blank	3.5
UO-5	EZGas Pro	A	10"5	50330	2	196	P (.323)	I (.272)	40%	2 slot	-	blank	3.5
ltra burners are	built with co	vers											
fust have gaske	t under ignito	r and grom	met in acc	ess cover: ki	t#GSKTKIT	1							
380	201GAS	A	10°	99318	3	346	15/32 (.469)	3/8 (.375)	45NG/50LP	4 Slot	-	none	3.5
480	301GAS	В	14" B	99311	4	491	1/2 (.500)	3/8 (.375)	45NG/52LP	4 Slot	-	full	3.2NG/ 3.
580	301GAS	В	14" B	99311	4	639	9/16 (.562)	7/16 (.438)	75%	4 Slot		center	3.5
680	301GAS	C	14" C	99310	4	787	5/8 (.625)	1/2 (.500)	52NG/60LP	4 Slot		center	3.5
780	301GAS	0	14" C	99310	4	935	11/16 (.687)	17/32 (.531)	60NG/100LP	4 Slot	-	none	3.5NG/ 3.
780	601GAS	21	14" C	99310	4	935	3/4 (.750)	17/32 (.531)	3		-		3.6NG/3.5
880	601GAS	21	14"C	99310	4	1082	1 (1.00)	19/32 (.594)	3.5		-		3.6NG/3.5
980	601GAS	32	14" D	99538	4	1230	15/16 (.938)		5.5		-		3.5
		31	14" C	99310	4	1230		21/32 (.656)	5.5		-		3.5
1080	601GAS	32	14" D	99538	4	1378	1 1/8 (1.125)	3/4 (.750)	7			-	3.5

Williamson-Thermoflo

Williamso	n-Thern	nofio											
W/HBO-10A	EZGas Pro	В	12"	Universal	51/2	105	#2 (.221)	#16 (.177)	15%	1 Slot	-	blank	3.5
						120	C (.242)	#10 (.194)	25%	1 Slot	-	blank	3.5
CHB-105	EZGas Pro	95	12"	Universal	51/2	91	#5 (.205)	#19 (.166)	18%	1 slot	-	blank	3.5
						105	7/32 (.219)	#17 (.173)	20%	1 slot	-	blank	3.5
						119	A (.234)	#11 (.191)	30%	1 slot	-	blank	3.5
CLB-105	EZGas Pro	95	12"	Universal	51/2	91	#9 (196)	#20 (.161)	15%	1 slot		blank	3.5
						105	7/32 (.219)	#19 (.166)	25%	1 slot	-	blank	3.5
						119	#1 (.228)	#14 (.183)	35%	1 slot	-	blank	3.5
EZGas Pro will no	t fit in cabinet	of the CH	B/CLB furn	ace									
PMP/PLB-098	EZGas Pro	95	10°	Universal	13/4	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	95	10"	Universal	13/4	95	#5 (.206)	#20 (.161)	29%	1 slot	-	blank	3.6
						112	#2 (.221)	#15 (.180)	36%	1 slot	-	blank	3.6

York Shipley

CT-6	EZGas Pro	95	12"	99630	43/4	252	3/8 (.375)	19/64 (.297)	80%	2 slot	-	blank	3.5
CT-10	301GAS	В	14" B	99328	43/4	420	29/64 (.453)	S (.348)	15%	4 Slot		full	3.5
CT-15	301GAS	В	14" B	99328	43/4	630	37/64 (.578)	29/64 (.453)	65%	4 Slot	-	full	3.5
CT-20	301GAS	C	14" C	99327	43/4	840	3/4 (.750)	35/64 (.546)	35NG/50LP	4 Slot		none	3.5
CT-25	601GAS	11	14" C	99327	43/4	1050	1 (1.00)	19/32 (.593)	1.5NG/2LP		-		3.8NG/3.5LP





On Line Burner Selection Guide

Gives Sales and Installation People Important Information Before and During the Installation

Appliance Input Burner Model MBH Model A	Gas Burner Selection Guide														
EC/ECT-03-120 168/150 E26as Pro		er	Diffuser/	Air	OEM	Insertion	Orific	e Size	Air	Air	Head	Air	Manifold		
Peerless (PB Heat) cont' EC/ECT-04-125 175 EZGas Pro EC/ECT-04-125 210 EZGas Pro EC/ECT-04-175 245 EZGas Pro EC/ECT-04-175 245 EZGas Pro EC/ECT-05-175 245 EZGas Pro EC/ECT-05-175 245 EZGas Pro EC/ECT-05-200 280/275 EZGas Pro EC/ECT-05-200 330 201GAS EC/ECT-06-200 420/399 201GAS EC/ECT-06-300 420/399 201GAS EC/ECT-06-300 433 301GAS EC/ECT-06-300 301GAS EC/ECT-07 577 301GAS EC/ECT-07 577 301GAS EC/ECT-07 577 301GAS EC/ECT-08 649 301GAS EC/ECT-08 806 801GAS EC/ECT-08 8	Appl Specific - Natural Gas	Appl Specific - Propane	Multi-Fit	Universal	Head	Tube	Air Tube	Depth	Natural Gas	Propane	Setting	Band	Bar	Shutter	Pressure
Peerless (PB Heat) cont' E(/ECT-04-125) 175 E2Gas Pro E(/ECT-04-125) 210 E2Gas Pro E(/ECT-04-125) 240 E2Gas Pro E(/ECT-04-175) 245 E2Gas Pro E(/ECT-05-200) 280/275 E2Gas Pro E(/ECT-05-200) 300 201GA5 E(/ECT-05-200) 330 201GA5 E(/ECT-06-200) 420/399 201GA5 E(/ECT-06-300) 430/GA5 S(/SCT-06-300) 301GA5 S(/SCT-07-07-722) 301GA5 S(/SCT-08-722) 301GA5 S(/SCT-10-794) 301GA5 S(/SCT-10-794) 301GA5 E(-04-606) 301GA5 LC-07 806 301GA5 LC-08 806 301GA5 LC-08 806 301GA5 LC-07 806 301GA5 LC-08 806 301GA5 LC-07 806 301GA5 LC-07 1273 601GA5 LC-07 1273 601GA5															
EC/ECT-04-125 175 EZGas Pro EC/ECT-04-120 210 EZGas Pro EC/ECT-04-170 245 EZGas Pro EC/ECT-04-173 245 EZGas Pro EC/ECT-05-173 245 EZGas Pro EC/ECT-05-200 280/275 EZGas Pro EC/ECT-05-250 350 EZ01GAS EC/ECT-06-273 383 201GAS EC/ECT-06-273 383 201GAS EC/ECT-06-300 420/399 201GAS EC/ECT-06-300 433 301GAS EC/ECT-070 433 301GAS SC/SCT-06 503 301GAS SC/SCT-07 577 301GAS SC/SCT-08 649 301GAS SC/SCT-08 649 301GAS SC/SCT-09 722 301GAS SC/SCT-09 722 301GAS SC/SCT-09 722 301GAS SC/SCT-09 684 301GAS SC/SCT-09 784 301GAS SC/SCT-09 784 301GAS SC/SCT-09 808 301GAS LC-05 81 301GAS LC-06 1077 601GAS LC-06 1077 601GAS LC-07 1273 601GAS	N/A	N/A	9859210SFR1	9859210FRU	S	10"	Universal	21/2	17/64(.2656)	7/32(.2187)	65%	1 slot	-	blank	3.5
EC/ECT-04-125 175 EZGas Pro EC/ECT-04-120 210 EZGas Pro EC/ECT-04-172 245 EZGas Pro EC/ECT-05-175 245 EZGas Pro EC/ECT-05-175 245 EZGas Pro EC/ECT-05-250 280/275 EZGas Pro EC/ECT-05-250 350 EZ01GAS EC/ECT-06-275 383 201GAS EC/ECT-06-275 383 201GAS EC/ECT-06-300 420/399 201GAS EC/ECT-06-300 433 301GAS SC/SCT-06 500 301GAS SC/SCT-07 577 301GAS SC/SCT-08 649 301GAS SC/SCT-08 649 301GAS SC/SCT-09 722 301GAS SC/SCT-09 722 301GAS SC/SCT-09 794 301GAS SC/SCT-09 658 301GAS SC/SCT-09 800 301GAS LC-03 800 301GAS LC-03 800 301GAS LC-03 800 301GAS LC-03 801 301GAS LC-04 658 301GAS LC-05 881 301GAS LC-06 1077 601GAS LC-06 1077 601GAS LC-06 1077 601GAS LC-07 1273 601GAS			•												
EC/ECT-04-125 175 EZGas Pro EC/ECT-04-120 210 EZGas Pro EC/ECT-04-170 245 EZGas Pro EC/ECT-04-173 245 EZGas Pro EC/ECT-05-173 245 EZGas Pro EC/ECT-05-200 280/275 EZGas Pro EC/ECT-05-250 350 EZ01GAS EC/ECT-06-273 383 201GAS EC/ECT-06-273 383 201GAS EC/ECT-06-300 420/399 201GAS EC/ECT-06-300 433 301GAS EC/ECT-070 433 301GAS SC/SCT-06 503 301GAS SC/SCT-07 577 301GAS SC/SCT-08 649 301GAS SC/SCT-08 649 301GAS SC/SCT-09 722 301GAS SC/SCT-09 722 301GAS SC/SCT-09 722 301GAS SC/SCT-09 684 301GAS SC/SCT-09 784 301GAS SC/SCT-09 784 301GAS SC/SCT-09 808 301GAS LC-05 81 301GAS LC-06 1077 601GAS LC-06 1077 601GAS LC-07 1273 601GAS															
EC/ECT-04-125 175 EZGas Pro EC/ECT-04-120 210 EZGas Pro EC/ECT-04-170 245 EZGas Pro EC/ECT-04-173 245 EZGas Pro EC/ECT-05-173 245 EZGas Pro EC/ECT-05-200 280/275 EZGas Pro EC/ECT-05-250 350 EZ01GAS EC/ECT-06-273 383 201GAS EC/ECT-06-273 383 201GAS EC/ECT-06-300 420/399 201GAS EC/ECT-06-300 433 301GAS EC/ECT-070 433 301GAS SC/SCT-06 503 301GAS SC/SCT-07 577 301GAS SC/SCT-08 649 301GAS SC/SCT-08 649 301GAS SC/SCT-09 722 301GAS SC/SCT-09 722 301GAS SC/SCT-09 722 301GAS SC/SCT-09 684 301GAS SC/SCT-09 784 301GAS SC/SCT-09 784 301GAS SC/SCT-09 808 301GAS LC-05 81 301GAS LC-06 1077 601GAS LC-06 1077 601GAS LC-07 1273 601GAS	nt'd														
EC/ECT-04-150 210 E2/Gas Pro EC/ECT-04-175 245 E2/Gas Pro EC/ECT-05-175 245 E2/Gas Pro EC/ECT-05-175 245 E2/Gas Pro EC/ECT-05-200 280/275 E2/Gas Pro EC/ECT-05-200 300 201/GAS EC/ECT-06-200 480/399 201/GAS EC/ECT-06-300 480/399 201/GAS EC/ECT-06-300 480/399 201/GAS EC/ECT-06-300 480/399 201/GAS EC/ECT-06-300 301/GAS EC/ECT-07-07 300 301/GAS EC/ECT-07-07 300 301/GAS EC/ECT-08 649 301/GAS EC/ECT-08 649 301/GAS EC/ECT-09 722 301/GAS EC/ECT-09 722 301/GAS EC/ECT-09 722 301/GAS EC/ECT-09 808 301/GAS EC-04 606 301/GAS EC-05 808 301/GAS EC-05 808 301/GAS EC-05 808 301/GAS EC-05 808 301/GAS EC-06 1077 601/GAS EC-06 1077 601/GAS EC-07 1273 601/GAS		N/A	9859210SFR1	9859210FRU	S	10"	Universal	21/2	9/32(.2812)	15/64 (.234)	40%	2 slot	-	blank	3.5
EC/ECT-04-173 243 EZGas Pro EC/ECT-05-173 245 EZGas Pro EC/ECT-05-200 280/273 EZGas Pro EC/ECT-05-200 330/273 EZGas Pro EC/ECT-06-200 330/273 EZGas Pro EC/ECT-06-273 383 201GAS EC/ECT-06-300 420/399 201GAS EC/ECT-06-300 433 301GAS EC/ECT-07 577 301GAS SC/ SCT-07 578 301GAS SC/ SCT-08 649 301GAS SC/ SCT-07 579 301GAS SC/ SCT-08 722 301GAS SC/ SCT-08 724 301GAS SC/ SCT-08 508 301GAS SC/ SCT-10 784 301GAS SC/ SCT-10 7		N/A	98592105FR1	9859210FRU	5	10"	Universal	2 1/2	21/64(.3281)	17/64(.2656)	60%	2 slot	-	blank	3.5
EC/ECT-05-175 243 EZGas Pro EC/ECT-05-200 280/275 EZGas Pro EC/ECT-05-250 350 201GAS EC/ECT-05-250 350 201GAS EC/ECT-06-275 383 201GAS EC/ECT-06-200 420/399 201GAS EC/ECT applications based on field testing SC/SCT-06 433 301GAS SC/SCT-07 577 301GAS SC/SCT-07 577 301GAS SC/SCT-08 649 301GAS SC/SCT-08 649 301GAS SC/SCT-09 722 301GAS SC/SCT-09 722 301GAS SC/SCT-09 722 301GAS LC-05 800 301GAS LC-05 801 301GAS LC-06 1077 601GAS LC-06 1077 601GAS LC-06 1077 601GAS LC-07 1273 601GAS	N/A	N/A	9859210AFR1A	9859210FRU	A	10"	Universal	2 1/2	11/32 (.344)	9/32(.2812)	45%	2 slot	-	blank	3.5
EC/ECT-05-200 280/275 E2Gas Pro EC/ECT-05-200 330 201GAS EC/ECT-06-273 385 201GAS EC/ECT-06-273 385 201GAS EC/ECT-06-300 420/399 201GAS EC/ECT-06-300 420/399 201GAS EC/ ECT applications based on field testing SC/ SCT-06 500 301GAS SC/ SCT-06 500 301GAS SC/ SCT-07 577 301GAS SC/ SCT-07 277 301GAS SC/ SCT-08 649 301GAS SC/ SCT-09 722 301GAS SC/ SCT-10 794 301GAS SC/ SCT-10 794 301GAS LC-04 656 301GAS LC-05 806 301GAS LC-05 806 301GAS LC-05 806 301GAS LC-05 81 301GAS LC-05 81 301GAS LC-06 1077 601GAS LC-06 1077 601GAS LC-07 1273 601GAS	N/A	N/A	9859210AFR1A	9859210FRU	A	10"	Universal	2 1/2	11/32 (.344)	9/32(.2812)	45%	2 slot		blank	3.5
EC/ECT-05-250 350 201GAS EC/ECT-06-275 383 201GAS EC/ECT-06-275 383 201GAS EC/ECT-06-300 420/399 201GAS EC/ECT-06-300 420/399 201GAS EC/ECT-06-300 433 301GAS SC/ SCT-07 577 301GAS SC/ SCT-07 577 301GAS SC/ SCT-08 649 301GAS SC/ SCT-09 722 301GAS SC/ SCT-09 722 301GAS SC/ SCT-10 794 301GAS SC/ SCT-10 794 301GAS LC-04 686 301GAS LC-05R 808 301GAS LC-05R 808 301GAS LC-05 881 301GAS LC-05 881 301GAS LC-06 1077 601GAS LC-06 1077 601GAS LC-07 1273 601GAS	N/A	N/A	9859210AFR1A	9859210FRU	Ā	10"	Universal	2 1/2	7/16(.4375)	11/32/.3437	75%	2 slot	-	blank	3.5
EC/ECT-06-275 383 201GAS EC/ECT-06-300 420/399 201GAS EC/ECT applications based on field testing SC/SCT-05 433 301GAS SC/SCT-06 505 301GAS SC/SCT-07 577 301GAS SC/SCT-08 649 301GAS SC/SCT-08 722 301GAS SC/SCT-09 722 301GAS SC/SCT-09 722 301GAS LC-05 868 301GAS LC-05 808 301GAS LC-05 808 301GAS LC-05 808 301GAS LC-05 81 301GAS LC-05 881 301GAS LC-06 1077 601GAS LC-06 1077 601GAS LC-07 1273 601GAS	N/A	N/A	9859310AFRA	N/A	A	10"	Universal	2 1/2	15/32(.4687)	23/64 (.359)	35%	2 slot	-	none	3.5
EC/ECT-06-300 420/399 201GAS EC/ECT applications based on field testing SC/ SCT-05 433 301GAS SC/ SCT-06 500 301GAS SC/ SCT-07 577 301GAS SC/ SCT-07 277 301GAS SC/ SCT-07 722 301GAS SC/ SCT-09 722 301GAS SC/ SCT-10 794 301GAS For SC series use front plate # 90604 (orde LC-04 698 301GAS LC-05 808 301GAS LC-05 808 301GAS LC-05 881 301GAS LC-06 1077 601GAS LC-06 1077 601GAS LC-07 11273 601GAS	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 applications based on field testing SC/ SCT-05 433 3016A5 SC/ SCT-06 500 3016A5 SC/ SCT-07 577 3016A5 SC/ SCT-07 577 3016A5 SC/ SCT-08 649 3016A5 SC/ SCT-09 722 3016A5 SC/ SCT-10 794 3016A5 SC/ SCT-10 794 3016A5 SC/ SCT-10 808 3016A5 SC/ SCT-10 808 3016A5 LC-09R 808 3016A5 LC-09R 808 3016A5 LC-05 881 3016A5 LC-05 881 3016A5 LC-05 881 6016A5 LC-06 1077 6016A5 LC-07 1273 6016A5 LC-07 1273 6016A5	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 SC/ SCT-06 500 301GAS SC/ SCT-06 500 301GAS SC/ SCT-07 577 301GAS SC/ SCT-08 649 301GAS SC/ SCT-09 722 301GAS SC/ SCT-09 722 301GAS SC/ SCT-10 794 301GAS SC/ SCT-10 794 301GAS LC-04 686 301GAS LC-05 808 301GAS LC-05 808 301GAS LC-05 881 301GAS LC-06 1077 601GAS LC-06 1077 601GAS LC-07 1273 601GAS				14/15	-			,-	5,20,5025	1,20,1313					
SC/ SCT-06 503 301GAS SC/ SCT-07 577 301GAS SC/ SCT-08 649 301GAS SC/ SCT-09 722 301GAS SC/ SCT-09 722 301GAS SC/ SCT-10 794 301GAS SC/ SCT-10 794 301GAS LC-05R 808 301GAS LC-05R 808 301GAS LC-05R 808 301GAS LC-05 881 301GAS LC-05 881 501GAS LC-06 1077 601GAS LC-06 1077 601GAS LC-07 1273 601GAS	99582FRS5 (-M)	99582FRS5P (-M)	N/A	N/A	S	14" B	997498	2 1/2	29/64 (.453)	3/8 (.375)	30NG/35LP	4 Slot	-	full	3.5NG/3.6L
SC/ SCT-07 577 301GAS SC/ SCT-08 649 301GAS SC/ SCT-09 722 301GAS SC/ SCT-10 794 301GAS SC/ SCT-10 794 301GAS For SC series use front plate # 96604 (orde LC-04 686 301GAS LC-07 806 301GAS LC-07 806 601GAS LC-05 881 301GAS LC-05 881 501GAS LC-06 1077 601GAS LC-06 1077 601GAS LC-07 1273 601GAS	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/3.4L
SC/ SCT-09 722 301GAS SC/ SCT-10 794 301GAS For SC series use front plate # 90604 [orde LC-04 686 301GAS LC-05R 808 301GAS LC-05R 808 601GAS LC-05 881 301GAS LC-06 1077 601GAS LC-06 1077 601GAS LC-07 1273 601GAS	99582FRS7 (-M)	99582FRS7P (-M)	N/A	N/A	В	14" B	99749	2 1/2	35/64 (.547)	7/16 (.438)	40NG/50LP	4 Slot	-	full	3.3NG/3.5L
SC/ SCT-09 722 301GAS SC/ SCT-10 794 301GAS For SC series use front plate # 90604 [orde LC-04 686 301GAS LC-05R 808 301GAS LC-05 881 301GAS LC-05 881 301GAS LC-06 1077 601GAS LC-06 1077 601GAS LC-07 1273 601GAS	99582FRS8 (-M)	99582FRS8P (-M)	N/A	N/A	В	14" B	99749	2 1/2	19/32 (.594)	29/64 (.453)	60NG/65LP	4 Slot	-	full	3.4NG/3.5L
For SC series use front plate # 90604 (order LC-04 698 3016A5 LC-05R 808 3016A5 808 6016A5 LC-05 881 3016A5 881 6016A5 LC-06 1077 6016A5 LC-07 1273 6016A5 1273	99582FRS9 (-M)	99582FRS9P (-M)	N/A	N/A	С	14" C	99733	2 1/2	19/32 (.594)	15/32 (.469)	40NG/50LP	4 Slot	-	center	3.5
LC-04 686 301GA5 LC-05R 808 301GA5 808 601GA5 LC-05 881 301GA5 881 601GA5 LC-06 1077 601GA5 LC-07 1273 601GA5	99582FRS10 (-M)	99582FRS10P (-M)	N/A	N/A	С	14" C	99733	2 1/2	21/32 (.656)	1/2 (.500)	55NG/65LP	4 Slot	-	center	3.4NG/3.5L
LC-05R 808 301GAS 808 601GAS LC-05 881 301GAS 881 601GAS LC-06 1077 601GAS 1077 LC-07 1273 601GAS	rder from Peerless)														
808 601GA5 LC-05 881 301GA5 881 601GA5 LC-06 1077 601GA5 LC-07 1273 601GA5 1273	99582FR4	99582FR4P	N/A	N/A	В	14" B	99581	21/8	19/32 (.594)	29/64 (.453)	80%	4 slot	-	center	3.5
LC-05 881 301GA5 881 601GA5 LC-06 1077 601GA5 1077 LC-07 1273 601GA5 1273	99582FR5R	99582FR5RP	N/A	N/A	C	14" C	99539	21/8	21/32 (.656)	1/2 (.500)	75%	4 slot	-	center	3.5
881 601GAS LC-06 1077 601GAS 1077 1077 LC-07 1273 601GAS 1273	99583FR5R (-M)	99583FR5RP (-M)	N/A	N/A	11	14" C	99539	21/8	21/32 (.656)	1/2 (.500)	3.5NG/3LP	-	-	_	3.4NG/3.5L
LC-06 1077 601GAS 1077 LC-07 1273 601GAS 1273	99582FR5	99582FR5P	N/A	N/A	С	14" C	99539	21/8	23/32 (.719)	35/64 (.547)	60NG/65LP	4 Slot	-	none	3.6NG/3.2L
1077 LC-07 1273 601GAS 1273	99583FR5 (-M)	99583FR5P (-M)	N/A	N/A	11	14" C	99539	21/8	23/32 (.719)	35/64 (.547)	4.5NG/4.75LP	-	-	-	3.6NG/3.1L
LC-07 1273 601GAS 1273	99583FR6 (-M)		N/A	N/A	22	14° D	99540	21/8	1 1/4		6.5	-	-	-	3.5
1273		99583FR6P (-M)	N/A	N/A	21	14" C	99539	21/8		19/32 (.594)	6.5	-	-	-	3.5
	99583FR7 (-M)		N/A	N/A	32	14" D	99540	21/8	1 1/4		7.25	-	-	-	3
For LC series with 301GAS & 601GAS use for		99583FR7P (-M)	N/A	N/A	31	14" C	99539	21/8		21/32 (6.56)	7.25	-	-	-	3.5
	se front plate #51049 (order	from Peerless)													
WBV-03 140 EZGas Pro	99034FR2	99034FR2	9859210SFR1	9859210FRU	95	10"	Universal	21/2	F (.257)	#3 (.213)	50%	1 slot	-	blank	3.4
WBV-04 133 EZGas Pro	99034FR2	99034FR2	9859210SFR1	9859210FRU	95	10°	Universal	21/2	F (.257)	13/64 (.203)	32%	2 slot	-	blank	3.2NG/3.4L
175 EZGas Pro	99034FR2	99034FR2	9859210SFR1	9859210FRU	95	10°	Universal	21/2	N (.302)	1/4 (.250)	42NG/50LP	2 slot	-	blank	3.6NG/3.2L
210 EZGas Pro	99034FR2	99034FR2	9859210SFR1	9859210FRU	95	10"	Universal	21/2	23/64 (.359)	1/4 (.250)	BUNG//ULF	2 slot	-	blank	3.7NG/3.5L
Must have gasket under ignitor and grome	ommet in access cover: kit #	GSKTKIT1													

Select Draft Regulator and Spill Switch





LOCATION FOR FASTEST RESPONSE –
OPTIONAL LOCATION

MG-1
DRAFT CONTROL

GSK-3
SPILL SWITCH



Installation

Steps:

- Run the Gas Line Prep the Appliance Clean etc...
- Do Any Upgrades T Stats, Controls, etc.
- Install the Burner
- Set-up burner based on Carlin OEM Guide or Input Rate
- Install Draft Regulator and Spill Switch
- Fire Off and Check



Carling Technology, Inc.

Combustion Technology, Inc.

Optional Burner Cover, Order With the Burner or Add on After





Combustion Technology, Inc.

What About Combustion Air? Add a Fresh Air Kit





Combustion Technology, Inc.

Technical Support Hotline

800-989-2275

TECHNICAL SUPPORT HOT LINE

We Are Here
To Help You
... Call Us



Eastern time

PLEASE PROVIDE:

- Burner <u>model</u>
- Appliance model
- Service history
- Orifice information
- Combustion test results
- Gas pressures
- Fuel supply & piping information
- Venting type



The string of th

Sales and Contractor Training

 Sales force training how to size and select appropriate burner for specific applications.

Carlin University certificate classes run 4 to 8 hours.

Carlin conducts over a 100 trainings per year.

 On Location Trainings We Come To You and Customize to fit the Time Frame and Needs

Live Fires, Tools and Manuals



Training Video

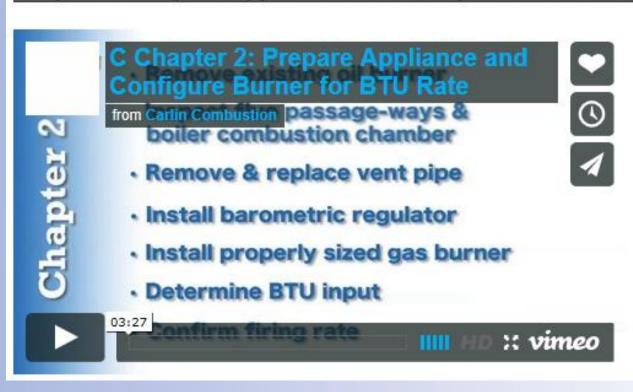
Chapter 1: EZGas Pro Conversion Burner Overview



25 minutes long with 7 chapters

Training Shows a Complete Install

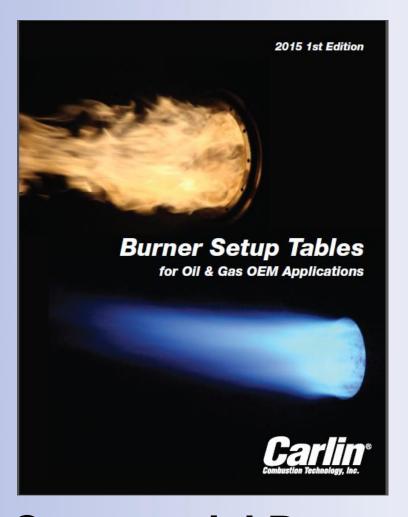
Chapter 2: Prepare Appliance and Configure Burner for BTU Rate







OEM Guide in Print Gas Burner Selection Guide on Line



Commercial Burner Conversions



Carlon Technology, Inc.



What About Commercial?



Up to 400,000 btus



Call Section Technology, Inc.



301 Gas 400-1,100 mbh



Multiple OEM Applications



301s on Steam Boilers in a Large Bakery in Baltimore





Call Section Technology, Inc.



601 Gas 700-1,500 mbh



Churches, Apartments, Schools



TOTION Technology Inc

Garden Technology, Inc.

601s on Heating Boilers For Sunoco Bulk Plant in Philadelphia





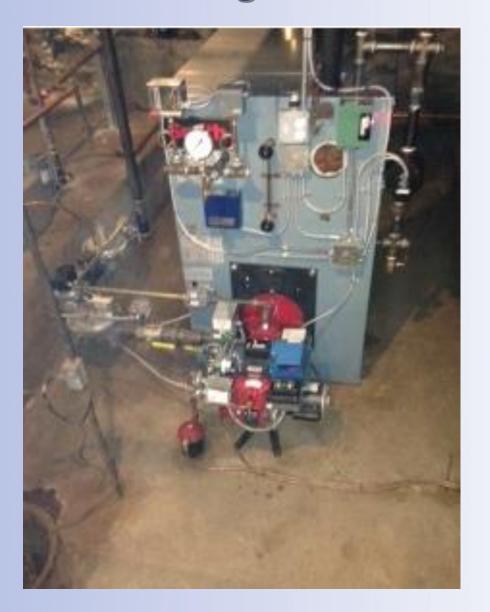
COMPUSTION Technology, Inc.

702 Gas and Gas/Oil

Commercial Burners – Dual Fuel



702 Gas / Oil on a Steam Job in a Church in Washington DC





Combustion Technology, Inc.





Summary

- The lower cost alternative to replacing the heating appliance.
 - Answers the Objection "I just installed that equipment" (even when it is 10 years old)
- Ideal for Commercial Conversions that can be very costly to do a full replacement
- Supported by a Strong Sales and Tech Support Team from Carlin



Sombustion Technology, Inc.

Thank You!! Any Questions?

Bruce Graham

bgraham@carlincombustion.com

Cell: 410-897-2818