

EZ-Gas Burner with 9-slot diffuser

WARNING Installer/servicer — Except where specifically stated otherwise, this Supplement must be used only by a qualified service technician. Follow all guidelines in the Burner Manual and Boiler Manual. Failure to comply with this or other requirements in this manual could result in severe personal injury.

Preliminary Set up tables for:

EZ Gas with 9 slot diffuser

Gas and Oil btu equivalents - **Note 1 important!**

Oil	Gas	Nat gas orifice sizes		Air Band settings		Propane orifice sizes	
		Letter and Number	Fractional	one slot	two slot	Letter and Number	Fractional
.50 gph	70,000	#16 (.177)	11/64" (.172)	10%		#30 (.129)	1/8" (.125)
.65 gph	90,000	#12 (.189)	3/16" (.187)	20%		#22 (.157)	5/32" (.156)
.75 gph	105,000	#4 (.209)	7/32" (.219)	30%		#17 (.173)	11/64" (.172)
.85 gph	120,000	Let C (.242)	15/64" (.234)	35%		#13 (.185)	3/16" (.187)
1.00 gph	140,000	Let E (.250)	1/4" (.250)	42%		#6 (.204)	13/64" (.203)
1.10 gph	150,000	Let F (.257)	17/64" (.266)	65%		#3 (.213)	7/32" (.219)
1.25 gph	175,000	Let L (.290)	9/32" (.281)		40%	Let C (.242)	15/64" (.234)
1.35 gph	189,000	Let N (.302)	19/64" (.297)		48%	Let E (.250)	1/4" (.250)
1.50 gph	210,000	0.328	21/64" (.328)		60%	Let I (.272)	17/64" (.266)
1.65 gph	230,000	0.359	23/64" (.359)		75%	Let L (.290)	9/32" (.281)

Note 1: When selecting a firing rate, consult the appliance data plate. Don't base the gas firing rate on the existing oil nozzle (pump pressures change flow rate).

Note 2: Air band settings and orifices will vary based on heat exchanger design and draft conditions. Chart is based on a neutral overfire pressure.

Note 3: This supplement is meant to be used along with the EZ Gas Instructions and provide helpful information for the 9 slot diffuser and orifice set ups.