

SERVICE ——— UNIT INFORMATION ——— G11E

Line U.S.A.

I - INTRODUCTION

G11E units are built with Duracurve heat exchangers that have the Lennox Duraglass coating. These furnaces are atmospheric type burners that use pilot burners for ignition.

"G11E" units use electronic ignition systems to light the pilot on each operating cycle (intermittent pilot). A protection circuit verifies pilot flame to allow main burner ignition. Main burner and pilot are extinguished during the off cycle. If the pilot gas does not light, the main gas valve will not open.

Only the G11E unit is approved for usage with the optional Vent Damper Assembly. The damper actuator electrically interlocks with the ignition system. The vent damper must be fully open before pilot ignition can occur.

The units are manufactured for natural gas applications, but field propane field changeover kits are available.

Figure 1 shows a cutaway of a G11E-110.

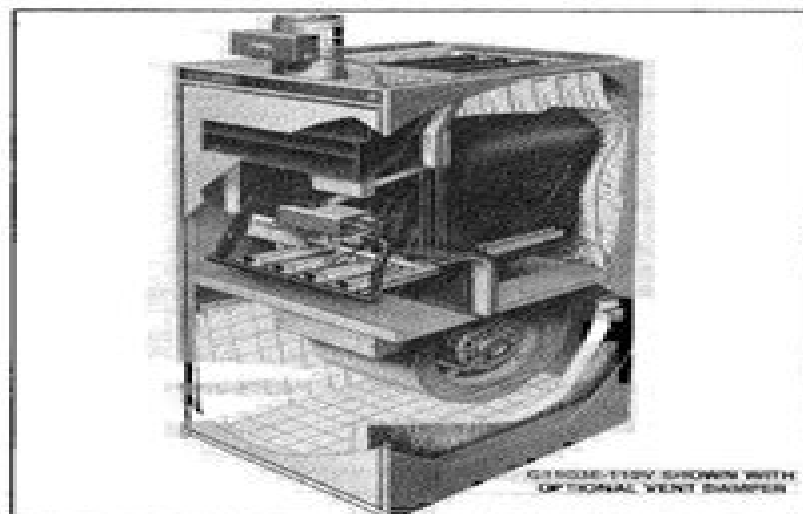


FIGURE 1

Model Number		G11E-200V
Blush input		200,000
Blush bonnet output		165,000
Use for 120 V temperature rise		1880
Vent size (in.)		4 oval
High static certified by A.G.A. (in. w.g.)		50
Gas piping size		1/2
I.P.S. in. I		1/2
No. of burners		5
Blower wheel nominal diam. x width (in.)		12 x 12
Blower motor horsepower		1/3
Net filter area (sq. ft.) & cut size (in.)		16.61 40 x 28 x 1
Tons of cooling that can be added		2.2 2-1/2 or 3
Shipping weight (lbs.)		264
Number of packages in shipment		1
Electrical characteristics		120 volts — 60 hertz — 1 phase
Optional Return Air Cabinet		RA10-16-49
Vent Damper Assembly — Optional		AFD4
Air Shutter Kit (Nat. Gas Only)		LB-32077CC

II - UNIT INFORMATION

A - Specifications

Model Number	G1103E-82V	G1103E-110V	G1103E-137V	G1104E-137V	G1105E-165V
Blush	82,000	110,000	137,000	137,000	165,000
Blush bonnet output	63,000	85,000	106,000	106,000	127,000
Vent size (in.)	4 round	5 oval	6 oval	6 oval	6 oval
High static certified by A.G.A. (in. w.g.)	50	50	50	50	50
Gas piping size	Natural 1/2	1/2	1/2	1/2	3/4
I.P.S. in. I	1/2	1/2	1/2	1/2	3/4
No. of burners	3	4	5	5	6
Blower wheel nominal diam. x width (in.)	10 x 7	10 x 8	10 x 8	12 x 9	12 x 12
Blower motor horsepower	1/3	1/3	1/3	1/2	3/4
Net filter area (sq. ft.) & cut size (in.)	(5.8) 36 x 28 x 1	(6.6) 40 x 28 x 1	(8.9) 52 x 28 x 1	(8.9) 52 x 28 x 1	(9.2) 54 x 28 x 1
Tons of cooling that can be added	2, 2-1/2 or 3	2-1/2 or 3	2-1/2 or 3	3 1/2 or 4	4 or 5
Shipping weight (lbs.)	175	204	256	264	314
Number of packages in shipment	1	1	1	1	1
Electrical characteristics					
120 volt — 60 Hertz — 1 phase (All Units)					
Return Air Cabinet	Model No. RA10-16-49	RA10-16-49	RA10-16-53	RA10-16-53	RA10-16-53
Net Weight (lbs.)	65	65	75	75	75
Vent Damper Assembly — Optional	AFD4	AFD5	AFD6	AFD6	AFD6
Air Shutter Kit (Nat. Gas Only)	LB-32077CA		LB-32077CB		

Lennox Furnace Owners Manual

Ensheng Dong



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web jun 2 2020 the reactant that is consumed first and limits the amount of product that can be obtained is the limiting reactant to identify the limiting reactant calculate the number of moles of each reactant present and compare this ratio to the

mole ratio of the reactants in the balanced chemical equation

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web the reactant which is in a lesser amount than is required by stoichiometry is the limiting reactant in an alternate method of finding the limiting reagent the amount of product formed by each reactant is calculated the limiting reactant is the reactant from which the minimum amount of product is formed also if we calculate the amount of

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