ECOER GAS FURNACE 80% AFUE

Multiple Position Installation

Ecoer 80% AFUE Series Gas Furnace –multi-position installation (up flow/down flow/horizontal), and durable aluminized steel heat exchanger. Features quiet multi-speed blower, natural gas/LP convertible, and R454b leakage sensor compatibility. Heating capacity: 60KBtu/h & 80KBtu/h & 100KBtu/h.

Core advantage:

80% AFUE & Wide Adaptability

- 5-speed mode ECM motor can accurately match different heating needs
- Covers a heating capacity range of 60K/80K/100K Btu/h and supports natural gas and propane (LP) conversion, adapting to different energy needs and space heating scenarios

Reliable Performance & Safety Assurance

- Equipped with a durable aluminized steel tubular heat exchanger
- Adaptable to R454b refrigerant leakage sensors

Flexible Multi-Scenario Installation & Convenient Adaptation

- Supports multi-position installation (up flow, down flow, horizontal), fits industry-standard cabinet sizes for easy replacement, installation and add-on cooling
- Allows flexible left or right connections for gas and electric services, with a removable bottom design to meet side or bottom return air needs

Other features:

- LED error code provides clear fault prompts
- 3/4-inch vent diameter and a 3/4-inch NPT gas connection size, common and easy-to-obtain

Dimensions (in.)

Model			MGV80M060B4A	MGV80M080B4A	MGV80M100C5A
Cabinet Type			B		C
Cabinet Size	Width	Inch	17-1/2		21
Cabinet Size	(HxD)	Inch	33-3/4×28-1/2		

Specification

Product Information	Model			MGV80M060B4A	MGV80M080B4A	MGV80M100C5A
Gas Heating Performance	AFUE		%	80		
	Input		Btu/h	60,000	80,000	100000
	Natural Gas		Btu/h	48000	64000	80000
	LP Gas		Btu/h	48000	64000	80000
	Air Temperature Rise		°F	25-55	30-60	30-60
Electrical Data	Power supply		V-Hz-PH	115-60-1		
	Max Overcurrent Protection		Amps	15	15	20
	Blower motor full load (FLA)		Amps	8	8	14
Gas Heating Performance	Blower	Diameter	Inch	11-3/16	11-3/16	11-3/16
		Height	Inch	9-41/64	9-41/64	11-3/16
	Fan Motor	Type	–	ECM		
		Motor Horsepower	HP	1/2	1/2	1
	Motor Speeds		# speeds	5		
Combustion System Specifications	Max. Inlet Gas Press		in. WC	10.5(Natural Gas)/13(Propane Gas/LP)		
	Min. Inlet Gas Press		in. WC	4.5(Natural Gas)/11(Propane Gas/LP)		
	Gas Connection Size		in. NPT	3/4		
	Igniter Device		–	Hot surface		
	Number of Burners		#	3	3	6
	Flue Vent Diameter		Inch	1-29/64	1-49/64	1-57/64

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