

ECOER GAS FURNACE 96% AFUE

Up flow/horizontal

Ecoer 96% AFUE Series Gas Furnace -paired with tough aluminized steel primary and stainless-steel secondary heat exchangers for long-term use. Its spark-free igniter and two-stage gas valve boost safety, while the quiet multi-speed ECM blower keeps your space comfortable with lower noise.

Core advantage:

High Energy Efficiency & Durability

- 96% AFUE rating for excellent energy savings
- Durable aluminized steel tubular primary heat exchanger and a stainless-steel secondary heat exchanger for long-term reliable operation

Safety & Quiet Operation

- Spark-free hot surface igniter enhances safety during use
- Quiet multi-speed ECM circulator blower motor ensures comfortable heating without excessive noise

Flexible Installation & Strong Compatibility

- Multi-position installation (upflow, horizontal)
- Convertible between natural gas and propane (LP)
- No extra kit needed for R454b systems

Other features:

- Industry-standard cabinet sizes enable easy replacement and add-on cooling, fitting seamlessly into existing HVAC setups
- Built-in control board with self-diagnostics helps quickly identify issues
- Adaptable with an R454b refrigerant leakage sensor

Dimensions (in.)							
Model			MGV96U060B3C	MGV96U080B3C	MGV96U080C4C	MGV96U100C5C	
Cabinet Type			B		C		
Cabinet Size	Width	Inch	17.5		21		
Cabinet Size	(HxD)	Inch	33-3/4 x 28-3/4				
Specification							
Product Information	Model		MGV96U060B3C	MGV96U080B3C	MGV96U080C4C	MGV96U100C5C	
Gas Heating Performance	AFUE		%	96			
	High	High Fire Input	Btu/h	60000	80000	80000	10000
		Natural Gas	Btu/h	57000	76000	76000	95000
		LP Gas	Btu/h	57000	76000	76000	95000
	Low	Low Fire Input	Btu/h	39000	52000	52000	70000
		Natural Gas	Btu/h	37000	49000	49000	67000
		LP Gas	Btu/h	37000	49000	49000	67000
	Air Temperature Rise		°F	30-60	35-65	35-65	35-65
Electrical Data	Power supply		V-Hz-PH	115-60-1			
	Max Overcurrent Protection		Amps	15			20
	Max. Furnace Amps.		Amps	/			
	Blower motor full load (FLA)		Amps	8	8	7.8	11.5
Blower Data	Blower	Diameter	Inch	12-3/8	12-3/8	12-6/8	12-6/8
		blower wheel	Inch	8	8	11-1/4	11-1/4
	Fan Motor	Type	–	ECM			
		Motor Horsepower	HP	3/4	1	1	1
	Motor Speeds		# speeds	5			
Combustion System Specifications	Max. Inlet Gas Press		in. WC	10.5 (Natural Gas) / 13(propene)			
	Min. Inlet Gas Press		in. WC	4.5 (Natural Gas) / 11(propene)			
	Gas Connection Size		in. NPT	1/2			
	Igniter Device		–	Hot surface			
	Number of Burners		#	3	4	4	5
	Flue Vent Diameter		Inch	2“/3”			



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