



MGV96 Series Gas Furnace

96% AFUE

Features:

- ❖ Durable aluminized steel tubular heat exchanger. Stainless-steel secondary heat exchanger.
- ❖ Two-stage gas valve.
- ❖ Hot surface igniter.
- ❖ Quiet multi-speed ECM circulator blower motor.
- ❖ Control board with self-diagnostics and Low-voltage terminal block.
- ❖ Constant air volume control, 0-250pa static pressure automatically adapts to different installation requirements
- ❖ R454b refrigerant leakage sensor adaptable
- ❖ UL60335-2-40 certified.
- ❖ Natural gas and propane (LP) convertible.
- ❖ Designed for multi-position installation: Up flow, horizontal. Industry-standard cabinet sizes for easy replacement, installation and add-on cooling.
- ❖ Convenient left or right connection for gas and electric service.
- ❖ Removable bottom for side or bottom return applications.



Midea-Discover Easy Comfort



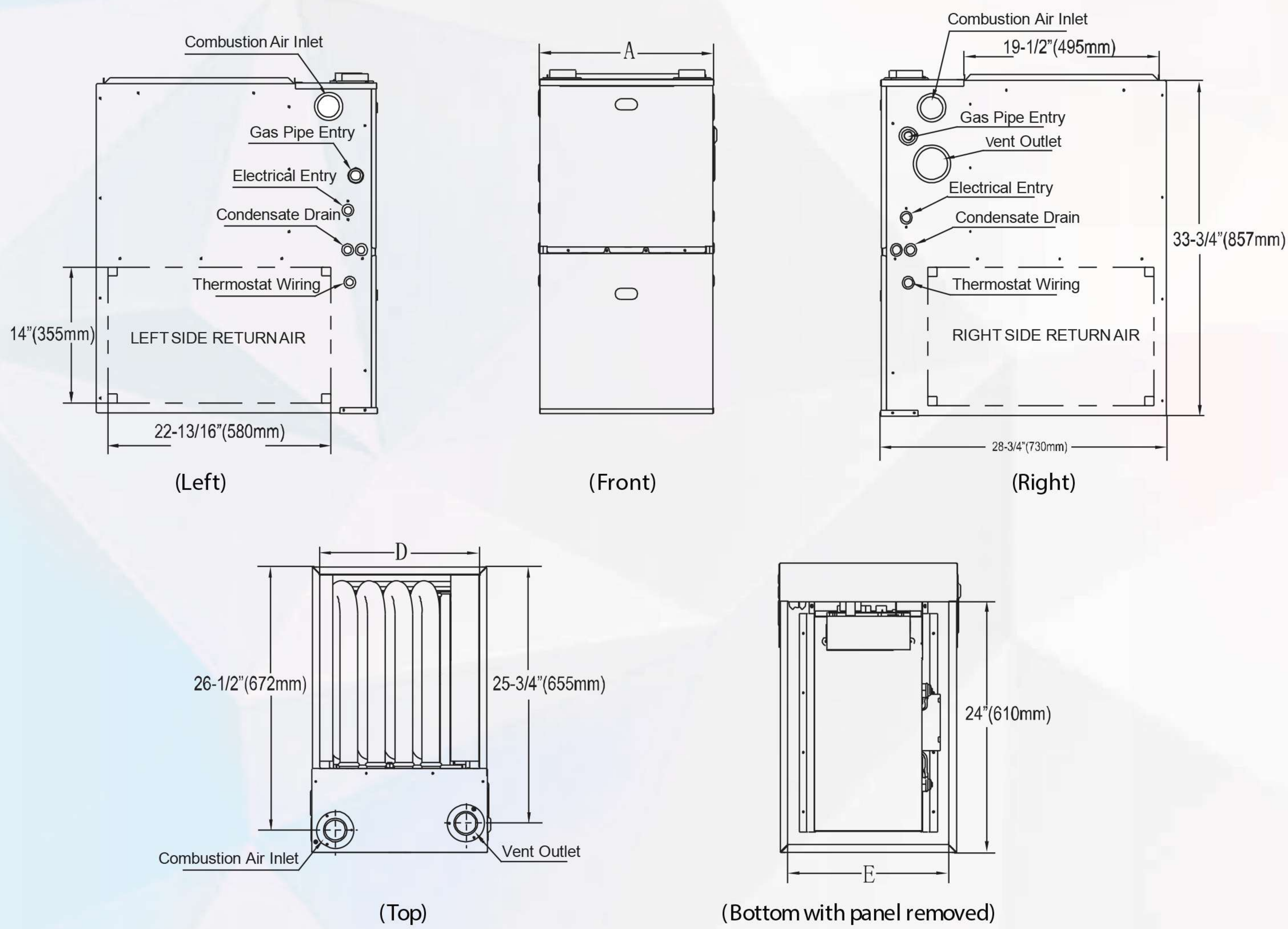
Specifications

Model	MGV96U060B3C	MGV96U080B3C	MGV96U080C4C
FUEL TYPE	Natural/Propane Gas	Natural/Propane Gas	Natural/Propane Gas
GAS HEATING PERFORMANCE			
High Fire Input (BTU/h)	60,000	80,000	80,000
High Fire Output (BTU/h)			
Natural Gas	57,000	76,000	76,000
LP Gas	57,000	76,000	76,000
Low Fire Input (BTU/h)	39,000	52,000	52,000
Low Fire Output (BTU/h)			
Natural Gas	37,000	49,000	49,000
LP Gas	37,000	49,000	49,000
AFUE	96	96	96
Available AC @ 0.5" ESP	1.5/2/2.5/3	2.5/3/3.5/4	2.5/3/3.5/4
Temperature Rise Range (°F)	30-60	35-65	35-65
Static pressure(in.w.c)			
Heating	0.12	0.15	0.15
Cooling	0.5	0.5	0.5
ELECTRICAL DATA			
Voltage/Phase(60Hz)	115	115	115
Min. / Max. Voltage	104/127	104/127	104/127
Min. Circuit Ampacity	8	8	7.8
Max. Overcurrent Protection	15	15	15
FAN MOTOR			
Motor Type	ECM	ECM	ECM
Horsepower	3/4	3/4	3/4
Rated RPM	1050	1050	1050
Full Load Amps (FLA)	8	8	7.8
Capacitor (uF)	/	/	/
CIRCULATOR BLOWER			
Material	Metal	Metal	Metal
Size (D x H) (in.)	12-3/8 x 8	12-3/8 x 8	12-6/8 x 11-1/4
Vent Diameter ¹	2"/3"	2"/3"	2"/3"
No. of Burners	3	4	4
Speed Mode Number	5	5	5

Specifications

Model	MGV96U100C5C	MGV96U100D5C	MGV96U120D5C
FUEL TYPE	Natural/Propane Gas	Natural/Propane Gas	Natural/Propane Gas
GAS HEATING PERFORMANCE			
High Fire Input (BTU/h)	100000	100000	120000
High Fire Output (BTU/h)			
Natural Gas	95000	95000	115000
LP Gas	95000	95000	115000
Low Fire Input (BTU/h)	70000	70000	84000
Low Fire Output (BTU/h)			
Natural Gas	67000	67000	80500
LP Gas	67000	67000	80500
AFUE	96	96	96
Available AC @ 0.5" ESP	3.5/4/4.5/5	3.5/4/4.5/5	3.5/4/4.5/5
Temperature Rise Range (°F)	35-65	35-65	40-70
Static pressure(in.w.c)			
Heating	0.2	0.2	0.2
Cooling	0.5	0.5	0.5
ELECTRICAL DATA			
Voltage/Phase(60Hz)	115	115	115
Min. / Max. Voltage	104/127	104/127	104/127
Min. Circuit Ampacity	11.5	10.5	10.5
Max. Overcurrent Protection	20	20	20
FAN MOTOR			
Motor Type	ECM	ECM	ECM
Horsepower	1	1	1
Rated RPM	1050	1050	1050
Full Load Amps (FLA)	11.5	10.5	10.5
Capacitor (uF)	/	/	/
CIRCULATOR BLOWER			
Material	Metal	Metal	Metal
Size (D x H) (in.)	12-6/8 x 11-1/4	12-6/8 x 11-1/4	12-6/8 x 11-1/4
Vent Diameter ¹	2"/3"	2"/3"	3"
No. of Burners	5	5	6
Speed Mode Number	5	5	5

Dimensions



FURNACE SIZE	A CABINET WIDTH IN.	D SUPPLY AIR WIDTH IN.	E RETURN AIR WIDTH IN.	NET/SHIP WT (lbs)
60B3C	17.5	16	15-57/32	135/147.5
80B3C	17.5	16	15-57/32	141/153
80C4C	21	19.5	19-13/32	152/165
100C5C	21	19.5	19-13/32	162/173
100D5C	24.5	23	22-27/32	170/185
120D5C	24.5	23	22-27/32	176/190

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Note: Product specifications change from time to time as product improvements and developments are released and may vary from those in this document.