

# GMVM971005CN

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Attribute	Value
Brand	Goodman
ProductCategory	Unitary
ProductClassPIM	Gas Furnace
System Family	Unitary Split System
Function Category	Heating Only
Product Type	Equipment
Unit Type	Indoor
Market Type	Residential-Single Family
Product Family	GMVM97
Series Name	GMVM97
Short Description	Goodman 97% AFUE Gas Furnace Variable Speed ECM, Modulating
Model Efficiency	0.97
Family Description	ComfortBridge™-Compatible Modulating Variable-Speed ECM Gas Furnace up to 98% AFUE
Product Benefits	<ol style="list-style-type: none"><li>1. High reliability and quality</li><li>2. Airflow system gently ramps up or down according to heating or cooling demand and provides better comfort</li><li>3. Faster condensate water drainage and no unit water leakage</li><li>4. Auto-configure for each installation</li><li>5. Capable of using non communicating single-stage thermostats</li><li>6. Durable and long igniter life</li><li>7. Self-diagnostic control board with constant memory fault code history output</li><li>8. Provisions for electronic air cleaner and humidifier</li><li>9. Energy efficient and precise comfort</li><li>10. Lower NOx emission</li><li>11. Meets the performance requirements for AHRI certification and complies with ETL North American safety standards.</li><li>12. Tax Credit</li><li>13. Easy Connection for EAC and Humidifier</li></ol>

Attribute	Value
Product Features - (Standard)	<ol style="list-style-type: none"> <li>1. Heavy-duty aluminized-steel tubular heat exchanger</li> <li>2. Efficient and quiet variable-speed Blower</li> <li>3. Stainless-steel sloped secondary heat exchanger</li> <li>4. Self-calibrating modulating gas valve</li> <li>5. Integrated communicating ComfortBridge™ technology</li> <li>6. Commissioning and diagnostics via on board Bluetooth with the CoolCloud™ phone and tablet application</li> <li>7. Silicon Nitride igniter</li> <li>8. Dual 7-segment display</li> <li>9. Color-coded low-voltage terminals</li> <li>10. Modulating gas valve</li> <li>11. All models comply with California 40 ng/J</li> <li>12. AHRI Certified, ETL Listed</li> <li>13. Energy Star</li> <li>14. Furnace control board with self-diagnostics and provisions for electronic air cleaner and 120-volt or 24-volt humidifiers</li> </ol>
Cabinet Features	<ol style="list-style-type: none"> <li>1. Multi-position installation: upflow, horizontal left or right</li> <li>2. Certified for direct vent (2-pipe) or non-direct vent (1 pipe)</li> <li>3. Easy to install top venting with optional side vent</li> <li>4. Convenient left or right connection for gas and electrical service</li> <li>5. Cabinet air leakage (Qleak) less than or equal to 2%</li> <li>6. Fully insulated heat exchanger and blower section</li> <li>7. Bottom or side return air applications</li> <li>8. Heavy-gage steel cabinet with durable finish</li> </ol>
Installation Type	Ducted
Communication Feature	Yes
Communication Feature Type	ComfortBridge Technology compatible
Export Control Classification Number - (ECCN)	EAR99
FER Compliant	Yes
Min Advertised Price	3026 \$
Serialized Flag	Yes
Universal Product Code (UPC)	663051619920
Item Stocking Unit of Measure (UOM)	EA
Pallet Qty	4
Country of Origin	USA
US HTS Code	7322.90.0015
Canadian HTS Code	7322.90.10.21
Long Description	Goodman 97% AFUE Gas Furnace Variable Speed ECM, Modulating, Upflow/Horizontal, 100,000 BTUH/H, Low NOx
ProductDescriptionPIM	97% ecm uf furnace
AFUE	0.97
CoolingCapacityNominal	60000 Btu/H

Attribute	Value
ENERGYSTARCertified	Yes
InstallationConfiguration	Upflow/Horizontal
Producer	Yes
ProductIDBarcode	GMVM971005CN
TemperatureRiseRangeHigh	35-65 °F
TemperatureRiseRangeLow	25-55 °F
CurrentType	AC
MaxOvercurrentProtection	25 A
MinCircuitAmps	14.4 A
PowerFrequency	60 Hz
PowerPhase	1 Ph
PowerVoltage	115 V
BlowerAvailableACTonnageHigh	2 Tonnage
BlowerAvailableACTonnageLow	5 Tonnage
DimensionsBlowerDiameter	11 in
DimensionsBlowerWidth	10 in
DimensionsUnitDepth	29 in
DimensionsUnitHeight	34-1/2 in
DimensionsUnitWidth	21 in
HeatExchangerType	Gas
MotorSpeedType	Variable Speed ECM
NOxBurnerType	Low NOx
NumberOfBurners	5
BlowerMotorHorsePower	1 metric hp
HighFireInputCapacity	100000 Btu
HighFireOutputCapacity	97000
LowFireInputCapacity	50000
LowFireOutputCapacity	48500
GasValveType	Modulating
VentDiameter	2 in;3 in
Proposition 65 Label	Yes
Carton Type	CTN

Attribute	Value
Case Qty	1
Dimensions - (Case Depth)	30.00 in
Dimensions - (Case Height)	38.50 in
Dimensions - (Case Width)	22.00 in
Dimensions - (Distribution Unit Depth)	30 in
Dimensions - (Distribution Unit Height)	38.5 in
Dimensions - (Distribution Unit Width)	22 in
Dimensions - (Pallet Depth)	60.00 in
Dimensions - (Pallet Height)	38.50 in
Dimensions - (Pallet Width)	44.00 in
Dimensions - (Shipping Unit Depth)	30.00 in
Dimensions - (Shipping Unit Height)	38.50 in
Dimensions - (Shipping Unit Width)	22.00 in
Distribution Shipping Volume - (Unit)	25410 in <sup>3</sup>
Shipping Volume - (Unit)	25410.000 in <sup>3</sup>
Truck Factor	0
Volume - (Case)	25410.000 in <sup>3</sup>
Volume - (Distribution Shipping Unit)	25410 in <sup>3</sup>
Weight - (Case)	144.000 lb
Weight - (Distribution Shipping Unit)	144 lb
Weight - (Shipping Unit)	144.000 lb
Registered Parts Warranty - Commercial	HEAT EXCHANGER - 20 YEARS PARTS;ALL PARTS - 5 YEARS PARTS
Registered Parts Warranty - Multi-Family	HEAT EXCHANGER - 20 YEARS PARTS;ALL PARTS - 10 YEARS PARTS
Registered Parts Warranty - Residential	HEAT EXCHANGER - 79 YEARS PARTS HEAT EXCHANGER - 79 YEARS PARTS HEAT EXCHANGER - 79 YEARS PARTS ALL PARTS - 10 YEARS PARTS HEAT EXCHANGER - 20 YEARS PARTS HEAT EXCHANGER - 20 YEARS PARTS ALL PARTS - 10 YEARS PARTS HEAT EXCHANGER - 20 YEARS PARTS ALL PARTS - 10 YEARS PARTS
Registered Unit Replacement Warranty - Residential	HEAT EXCHANGER - 10 YEARS UNIT REPLACEMENT HEAT EXCHANGER - 10 YEARS UNIT REPLACEMENT HEAT EXCHANGER - 10 YEARS UNIT REPLACEMENT

Attribute	Value
Standard Parts Warranty - Commercial	HEAT EXCHANGER - 20 YEARS PARTS;ALL PARTS - 5 YEARS PARTS
Standard Parts Warranty - Multi-Family	ALL PARTS - 5 YEARS PARTS;HEAT EXCHANGER - 20 YEARS PARTS
Standard Parts Warranty - Residential	ALL PARTS - 5 YEARS PARTS;HEAT EXCHANGER - 20 YEARS PARTS
Ecomm Path Display	Equipment/Residential Split System/Gas Furnace
Release Status	Active