

# GMVM970804CN

Generated from workbook row data

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 98% 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	2797 \$
Serialized Flag	Yes
Universal Product Code (UPC)	663051619913
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 98% AFUE Gas Furnace Variable Speed ECM, Modulating, Upflow/Horizontal, 80,000 BTUH/H, Low NOx
ProductDescriptionPIM	97% ecm uf furnace
AFUE	0.98
CoolingCapacityNominal	48000 Btu/H

Attribute	Value
ENERGYSTARCertified	Yes
InstallationConfiguration	Upflow/Horizontal
Producer	Yes
ProductIDBarcode	GMVM970804CN
TemperatureRiseRangeHigh	25-55 °F
TemperatureRiseRangeLow	25-55 °F
CurrentType	AC
MaxOvercurrentProtection	15.0 A
MinCircuitAmps	11.4 A
PowerFrequency	60 Hz
PowerPhase	1 Ph
PowerVoltage	115 V
BlowerAvailableACTonnageHigh	1.5 Tonnage
BlowerAvailableACTonnageLow	4 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	4
BlowerMotorHorsePower	3/4 metric hp
HighFireInputCapacity	80000 Btu
HighFireOutputCapacity	77600
LowFireInputCapacity	40000
LowFireOutputCapacity	38800
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)	140.000 lb
Weight - (Distribution Shipping Unit)	140 lb
Weight - (Shipping Unit)	140.000 lb
Registered Parts Warranty - Commercial	ALL PARTS - 5 YEARS PARTS;HEAT EXCHANGER - 20 YEARS PARTS
Registered Parts Warranty - Multi-Family	ALL PARTS - 10 YEARS PARTS;HEAT EXCHANGER - 20 YEARS PARTS
Registered Parts Warranty - Residential	HEAT EXCHANGER - 79 YEARS PARTS ALL PARTS - 10 YEARS PARTS HEAT EXCHANGER - 79 YEARS PARTS ALL PARTS - 10 YEARS PARTS HEAT EXCHANGER - 20 YEARS PARTS HEAT EXCHANGER - 79 YEARS PARTS ALL PARTS - 10 YEARS PARTS HEAT EXCHANGER - 20 YEARS PARTS HEAT EXCHANGER - 20 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	ALL PARTS - 5 YEARS PARTS;HEAT EXCHANGER - 20 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