

GRVM970804CN

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	GRVM97
Series Name	GRVM97
Short Description	Goodman 97% AFUE Gas Furnace Variable Speed, Modulating
Model Efficiency	0.97
Product Benefits	<ol style="list-style-type: none"> 1. High reliability and quality 2. Airflow system gently ramps up or down according to heating or cooling demand and provides better comfort 3. Faster condensate water drainage and no unit water leakage 4. Auto-configure for each installation 5. Capable of using non communicating single-stage thermostats 6. Durable and long igniter life 7. Self-diagnostic control board with constant memory fault code history output 8. Provisions for electronic air cleaner and humidifier 9. Energy efficient and precise comfort 10. Lower NOx emission 11. Meets the performance requirements for HRI certification and complies with ETL North American safety standards. 12. Tax Credit 13. Easy Connection for EAC and Humidifier
Product Features - (Standard)	<ol style="list-style-type: none"> 1. Heavy-duty luminized-steel tubular heat exchanger 2. Efficient and quiet variable-speed Blower 3. Stainless-steel sloped secondary heat exchanger 4. Self-calibrating modulating gas valve 5. Integrated communicating ComfortBridge™ technology 6. Commissioning and diagnostics via on board Bluetooth with the CoolCloud™ phone and tablet application 7. Silicon Nitride igniter 8. Dual 7-segment display 9. Color-coded low-voltage terminals 10. Modulating gas valve 11. All models comply with California 40 ng/J 12. HRI Certified, ETL Listed 13. Energy Star 14. Furnace control board with self-diagnostics and provisions for electronic air cleaner and 120-volt or 24-volt humidifiers

Attribute	Value
Cabinet Features	<ol style="list-style-type: none"> 1. Multi-position installation: upflow, horizontal left or right 2. Certified for direct vent (2-pipe) or non-direct vent (1 pipe) 3. Easy to install top venting with optional side vent 4. Convenient left or right connection for gas and electrical service 5. Cabinet air leakage (Qleak) less than or equal to 2% 6. Fully insulated heat exchanger and blower section 7. Bottom or side return air applications 8. Heavy-gauge steel cabinet with durable finish
Communication Feature	Yes
Export Control Classification Number - (ECCN)	EAR99
Universal Product Code (UPC)	663051703513
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, Modulating, Upflow/Horizontal, 80,000 BTUH/H, Non-NOx
ProductDescriptionPIM	97% ecm up furnace
AFUE	0.97
CoolingCapacityNominal	48000 Btu/H
ENERGYSTARCertified	Yes
InstallationConfiguration	Upflow/Horizontal
Producer	Yes
ProductIDBarcode	GRVM970804CN
TemperatureRiseRangeHigh	25-55 °F
TemperatureRiseRangeLow	25-55 °F
CurrentType	AC
MaxOvercurrentProtection	15 A
MinCircuitAmps	11.4 A
PowerFrequency	60 Hz
PowerPhase	1 Ph
PowerVoltage	115 V
AirFlowRateHighHeating	1925 ft ³ /min
DimensionsBlowerDiameter	11 in

Attribute	Value
DimensionsBlowerWidth	10 in
DimensionsUnitDepth	28-7/8 in
DimensionsUnitHeight	34-1/2 in
DimensionsUnitWidth	21 in
HeatExchangerType	Gas
MotorSpeedType	Variable Speed
NOxBurnerType	Non-NOx
NumberOfBurners	4
BlowerMotorHorsePower	3/4 metric hp
HighFireInputCapacity	80000 Btu
HighFireOutputCapacity	77600
LowFireInputCapacity	40000
LowFireOutputCapacity	38800
Tonnage	4
GasValveType	Modulating
VentDiameter	2 in;3 in
Proposition 65 Label	Yes
Carton Type	CTN
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 ³

Attribute	Value
Shipping Volume - (Unit)	25410.000 in ³
Truck Factor	0
Volume - (Case)	25410.000 in ³
Volume - (Distribution Shipping Unit)	25410 in ³
Weight - (Case)	137.000 lb
Weight - (Distribution Shipping Unit)	130.09 lb
Weight - (Shipping Unit)	137.000 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	ALL PARTS - 10 YEARS PARTS HEAT EXCHANGER - 79 YEARS PARTS HEAT EXCHANGER - 20 YEARS PARTS ALL PARTS - 10 YEARS PARTS HEAT EXCHANGER - 20 YEARS PARTS HEAT EXCHANGER - 79 YEARS PARTS HEAT EXCHANGER - 20 YEARS PARTS HEAT EXCHANGER - 79 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
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	HEAT EXCHANGER - 20 YEARS PARTS;ALL PARTS - 5 YEARS PARTS
Ecomm Path Display	Equipment/Residential Split System/Gas Furnace
Release Status	Active