

AMVM970803BN

Item Number: AMVM970803BN

Attribute	Value
Brand	Amana
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	AMVM97
Series Name	AMVM97
Short Description	Amana 97% AFUE Gas Furnace Variable Speed, Modulating
Model Efficiency	0.97
Family Description	ComfortBridge™-Compatible Modulating Variable-Speed ECM Gas Furnace up to 98% AFUE
Product Benefits	1. Higher 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 communicating and non communicating two-stage or single-stage thermostats;6. Self-diagnostic control board with constant memory fault code history output;7. Provisions for electronic air cleaner and humidifier;8. Energy efficient and precise comfort;9. Lower NOx emission;10. Tax Credit;11. Easy Connection for EAC and Humidifier
Product Features - (Standard)	1. Heavy-duty stainless-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. Dual 7-segment display;8. Color-coded low-voltage terminals;9. Modulating gas valve;10. All models comply with California 40 ng/J;11. Energy Star;12. Furnace control board with self-diagnostics and provisions for electronic air cleaner and 120-volt or 24-volt humidifiers

Attribute	Value
Cabinet Features	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-gage steel cabinet with durable finish
Installation Type	Ducted
Communication Feature	Yes
Communication Feature Type	ComfortBridge Technology compatible
Export Control Classification Number - (ECCN)	EAR99
FER Compliant	Yes
Serialized Flag	Yes
Universal Product Code (UPC)	663051623750
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	Amana 97% AFUE Gas Furnace Variable Speed, Modulating, Upflow/Horizontal, 80,000 BTUH/H, Non-NOx
ProductDescriptionPIM	97% ecm uf furnace
AFUE	0.97
AHRReferenceNumber	7424283
CoolingCapacityNominal	36000 Btu/H
ENERGYSTARCertified	Yes
InstallationConfiguration	Upflow/Horizontal
Producer	Yes
ProductIDBarcode	AMVM970803BN
TemperatureRiseRangeHigh	30-60 °F
TemperatureRiseRangeLow	20-50 °F
CurrentType	AC

Attribute	Value
MaxOvercurrentProtection	15 A
MinCircuitAmps	8.1 A
PowerFrequency	60 Hz
PowerPhase	1 Ph
PowerVoltage	115 V
AirFlowRateHighHeating	1600 ft ³ /min
AirFlowRateLowHeating	1025 ft ³ /min
ANSI	Yes
BlowerAvailableACTonnageHigh	3 Tonnage
BlowerAvailableACTonnageLow	1.5 Tonnage
BlowerMotorRPM	1250 r/min
DimensionsBlowerDiameter	11 in
DimensionsBlowerWidth	8 in
DimensionsUnitDepth	28.75 in
DimensionsUnitHeight	34-1/2 in
DimensionsUnitWidth	17-1/2 in
ETLListed	Yes
ExternalStaticPressureRated	0.5
FilterQuantity	1
FilterSizeMin	16X25
HeatExchangerType	Gas
MinimumClearancestoCombustibleMaterials	1 ft
MotorSpeedType	Variable Speed
NOxBurnerType	Non-NOx
NumberOfBurners	4
WeightUnit	129 lb
BlowerMotorHorsePower	1/2 metric hp
HighFireInputCapacity	80000 Btu

Attribute	Value
HighFireOutputCapacity	77600
LowFireInputCapacity	40000
LowFireOutputCapacity	38800
Tonnage	3
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)	18.50 in
Dimensions - (Distribution Unit Depth)	30 in
Dimensions - (Distribution Unit Height)	38.5 in
Dimensions - (Distribution Unit Width)	18.5 in
Dimensions - (Pallet Depth)	60.00 in
Dimensions - (Pallet Height)	38.50 in
Dimensions - (Pallet Width)	37.00 in
Dimensions - (Shipping Unit Depth)	30.00 in
Dimensions - (Shipping Unit Height)	38.50 in
Dimensions - (Shipping Unit Width)	18.50 in
Distribution Shipping Volume - (Unit)	21367.5 in ³
Shipping Volume - (Unit)	21367.500 in ³
Truck Factor	0
Volume - (Case)	21367.500 in ³
Volume - (Distribution Shipping Unit)	21367.5 in ³
Weight - (Case)	129.000 lb
Weight - (Distribution Shipping Unit)	129 lb

Attribute	Value
Weight - (Shipping Unit)	129.000 lb
Registered Parts Warranty - Commercial	ALL PARTS - 5 YEARS PARTS;HEAT EXCHANGER - 20 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 - 79 YEARS PARTS;HEAT EXCHANGER - 79 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
Standard Parts Warranty - Commercial	ALL PARTS - 5 YEARS PARTS;HEAT EXCHANGER - 20 YEARS PARTS
Standard Parts Warranty - Multi-Family	HEAT EXCHANGER - 20 YEARS PARTS;ALL PARTS - 5 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