

# ARVM970803BN

Item Number: ARVM970803BN

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	ARVM97
Short Description	Amana 97% AFUE Gas Furnace Variable Speed, Modulating
Model Efficiency	0.97
Product Benefits	<p>1. Higher reliability and quality; 2. Inflow 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</p>
Product Features - (Standard)	<p>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 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</p>
Cabinet Features	<p>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 applications; 8. Heavy-gauge steel cabinet with durable finish</p>
Communication Feature	Yes

Attribute	Value
Export Control Classification Number - (ECCN)	EAR99
Universal Product Code (UPC)	663051702615
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
CoolingCapacityNominal	36000 Btu/H
InstallationConfiguration	Upflow/Horizontal
Producer	Yes
ProductIDBarcode	ARVM970803BN
TemperatureRiseRangeHigh	30-60 °F
TemperatureRiseRangeLow	20-50 °F
CurrentType	AC
MaxOvercurrentProtection	15 A
MinCircuitAmps	8.1 A
PowerFrequency	60 Hz
PowerPhase	1 Ph
PowerVoltage	115 V
AirFlowRateHighHeating	1600 ft³/min
AirFlowRateLowHeating	1025 ft³/min
ANSI	Yes
BlowerMotorRPM	1250 r/min
DimensionsBlowerDiameter	11 in

Attribute	Value
DimensionsBlowerWidth	8 in
DimensionsUnitDepth	28-7/8 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
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

Attribute	Value
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 <sup>3</sup>
Shipping Volume - (Unit)	21367.500 in <sup>3</sup>
Truck Factor	0
Volume - (Case)	21367.500 in <sup>3</sup>
Volume - (Distribution Shipping Unit)	21367.5 in <sup>3</sup>
Weight - (Case)	125.000 lb
Weight - (Distribution Shipping Unit)	125.09 lb
Weight - (Shipping Unit)	125.000 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;HEAT EXCHANGER - 20 YEARS PARTS;HEAT EXCHANGER - 79 YEARS PARTS;ALL PARTS - 10 YEARS PARTS;HEAT EXCHANGER - 20 YEARS PARTS;HEAT EXCHANGER - 79 YEARS PARTS;HEAT EXCHANGER - 20 YEARS PARTS;ALL PARTS - 10 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	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	HEAT EXCHANGER - 20 YEARS PARTS;ALL PARTS - 5 YEARS PARTS

Attribute	Value
Ecomm Path Display	Equipment/Residential Split System/Gas Furnace
Release Status	Active