

# AMVC800803BN

Item Number: AMVC800803BN

| 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                | AMVC80  |
| Series Name                   | AMVC80  |
| Short Description             | Amana 80% AFUE Gas Furnace Variable Speed, Two Stage Convertible  |
| Model Efficiency              | 0.8   |
| Family Description            | ComfortBridge™-Compatible Two-Stage, Variable-Speed ECM Gas Furnace 80% 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. Capable of using non communicating single-stage thermostats;4. Operates on single-stage thermostats   |
| Product Features - (Standard) | 1. Heavy-duty stainless-steel tubular heat exchanger;2. Efficient and quiet variable-speed Blower;3. Integrated communicating ComfortBridge™ technology;4. Commissioning and diagnostics via on board Bluetooth with the CoolCloud™ phone and tablet application;5. Two-Stage gas valve   |
| Cabinet Features              | Fully insulated, heavy-gauge steel cabinet with durable baked-enamel finish;Multi-position installation:<br>AMVC80: upflow, horizontal left or right<br>ACVC80: downflow, horizontal left or right;Removable bottom for side- or bottom-return applications;Convenient left or right connection for gas/electric service;Cabinet air leakage ? 2%;Coil and furnace fit flush for most installations |
| Installation Type             | Ducted  |
| Communication Feature         | Yes   |
| Communication Feature Type    | ComfortBridge Technology compatible   |

| Attribute                                     | Value   |
|---|---|
| Export Control Classification Number - (ECCN) | EAR99   |
| FER Compliant                                 | Yes   |
| Serialized Flag                               | Yes   |
| Universal Product Code (UPC)                  | 663051617599  |
| Item Stocking Unit of Measure (UOM)           | EA  |
| Pallet Qty                                    | 4   |
| Country of Origin                             | USA   |
| US HTS Code                                   | 7322.90.0015  |
| Canadian HTS Code                             | 7322.90.00.21   |
| Long Description                              | Amana 80% AFUE Gas Furnace Variable Speed, Two Stage Convertible, Upflow/Horizontal, 80,000 BTUH/H, Non-NOx |
| ProductDescriptionPIM                         | fer uf furnace  |
| AFUE  | 0.8   |
| AHRIReferenceNumber                           | 204633379   |
| CoolingCapacityNominal                        | 36000 Btu/H   |
| ENERGYSTARCertified                           | No  |
| InstallationConfiguration                     | Upflow/Horizontal   |
| Producer                                      | Yes   |
| ProductIDBarcode                              | AMVC800803BN  |
| TemperatureRiseRangeHigh                      | 30-60 °F  |
| TemperatureRiseRangeLow                       | 35-65 °F  |
| CurrentType                                   | AC  |
| MaxOvercurrentProtection                      | 15 A  |
| MinCircuitAmps                                | 7.75 A  |
| PowerFrequency                                | 60 Hz   |
| PowerPhase                                    | 1 Ph  |
| PowerVoltage                                  | 115 V   |
| AirFlowRateHighHeating                        | 1400 ft <sup>3</sup> /min   |

| Attribute                               | Value                    |
|---|--------------------------|
| AirFlowRateLowHeating                   | 980 ft <sup>3</sup> /min |
| ANSI                                    | Yes                      |
| BlowerAvailableACTonnageHigh            | 3 Tonnage                |
| BlowerAvailableACTonnageLow             | 1.5 Tonnage              |
| BlowerMotorRPM                          | 1200 r/min               |
| DimensionsBlowerDiameter                | 10 in                    |
| DimensionsBlowerWidth                   | 8 in                     |
| DimensionsUnitDepth                     | 28 in                    |
| DimensionsUnitHeight                    | 33.3 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                              | 110 lb                   |
| BlowerMotorHorsePower                   | 1/2 metric hp            |
| HighFireInputCapacity                   | 80000 Btu                |
| HighFireOutputCapacity                  | 64000                    |
| LowFireInputCapacity                    | 56000                    |
| LowFireOutputCapacity                   | 44800                    |
| Tonnage                                 | 3                        |
| GasValveType                            | Two Stage Convertible    |
| VentDiameter                            | 4 in                     |

| <b>Attribute</b>                         | <b>Value</b>   |
|--|--|
| Proposition 65 Label                     | Yes  |
| Carton Type                              | CTN  |
| Case Qty                                 | 1  |
| Dimensions - (Case Depth)                | 30.00 in   |
| Dimensions - (Case Height)               | 35.50 in   |
| Dimensions - (Case Width)                | 18.50 in   |
| Dimensions - (Distribution Unit Depth)   | 30 in  |
| Dimensions - (Distribution Unit Height)  | 35.5 in  |
| Dimensions - (Distribution Unit Width)   | 18.5 in  |
| Dimensions - (Pallet Depth)              | 60.00 in   |
| Dimensions - (Pallet Height)             | 35.50 in   |
| Dimensions - (Pallet Width)              | 37.00 in   |
| Dimensions - (Shipping Unit Depth)       | 30.00 in   |
| Dimensions - (Shipping Unit Height)      | 35.50 in   |
| Dimensions - (Shipping Unit Width)       | 18.50 in   |
| Distribution Shipping Volume - (Unit)    | 19702.5 in <sup>3</sup>                                    |
| Shipping Volume - (Unit)                 | 19702.500 in <sup>3</sup>                                  |
| Truck Factor                             | 0  |
| Volume - (Case)                          | 19702.500 in <sup>3</sup>                                  |
| Volume - (Distribution Shipping Unit)    | 19702.5 in <sup>3</sup>                                    |
| Weight - (Case)                          | 104.250 lb   |
| Weight - (Distribution Shipping Unit)    | 104.25 lb  |
| Weight - (Shipping Unit)                 | 104.250 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 |

| Attribute  | Value  |
|--|--|
| Registered Parts Warranty - Residential            | ALL PARTS - 10 YEARS PARTS;ALL PARTS - 10 YEARS PARTS;HEAT EXCHANGER - 79 YEARS PARTS;HEAT EXCHANGER - 20 YEARS PARTS;ALL PARTS - 10 YEARS PARTS;HEAT EXCHANGER - 79 YEARS PARTS;HEAT EXCHANGER - 20 YEARS PARTS;HEAT EXCHANGER - 20 YEARS PARTS;HEAT EXCHANGER - 79 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   |