

# AMEC800804BN

Item Number: AMEC800804BN

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	AMEC80
Series Name	AMEC80
Short Description	Amana 80% AFUE Gas Furnace Multi Speed ECM, Two Stage Convertible
Model Efficiency	0.8
Family Description	Two-Stage Multi-Speed ECM Gas Furnace up to 80% AFUE
Product Benefits	Higher reliability and quality;Durable and long igniter life;Provisions for electronic air cleaner and humidifier;Quiet and Economical heating;Energy Efficient and quiet circulation;Self-diagnostic control board with constant memory;Operates on two-stage or single-stage thermostats;Easy Connection for EAC and Humidifier
Product Features - (Standard)	"Heavy-duty stainless-steel tubular heat exchanger";"Silicon Nitride igniter";Color-coded low-voltage terminals;Two-Stage gas valve;Multi-speed ECM blower motor with continuous fan speed;Fault code LED Output;Two-stage gas valve;Furnace control board with self-diagnostics and provisions for electronic air cleaner and 120-volt or 24-volt humidifiers
Cabinet Features	<ol style="list-style-type: none"><li>1. Multi-position installation: upflow, horizontal left or right</li><li>2. Convenient left or right connection for gas and electrical service</li><li>3. Cabinet air leakage (Qleak) less than or equal to 2%</li><li>4. Fully insulated heat exchanger and blower section</li><li>5. Bottom or side return air applications</li><li>6. Heavy-gage steel cabinet with durable finish</li></ol>
Installation Type	Ducted
Communication Feature	No
Export Control Classification Number - (ECCN)	EAR99

Attribute	Value
FER Compliant	Yes
Serialized Flag	Yes
Universal Product Code (UPC)	663051612549
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 Multi Speed ECM, Two Stage Convertible, Upflow/Horizontal, 80,000 BTUH/H, Non NOx Rated
ProductDescriptionPIM	fer uf furnace
AFUE	0.8
AHRReferenceNumber	203695215
CoolingCapacityNominal	48000 Btu/H
ENERGYSTARCertified	No
InstallationConfiguration	Upflow/Horizontal
Producer	Yes
ProductIDBarcode	AMEC800804BN
TemperatureRiseRangeHigh	30-60 °F
TemperatureRiseRangeLow	30-60 °F
CurrentType	AC
MaxOvercurrentProtection	15 A
MinCircuitAmps	12.45 A
PowerFrequency	60 Hz
PowerPhase	1 Ph
PowerVoltage	115 V
AirFlowRateHighHeating	1300 ft <sup>3</sup> /min
AirFlowRateLowHeating	920 ft <sup>3</sup> /min
ANSI	Yes

Attribute	Value
BlowerAvailableACTonnageHigh	4 Tonnage
BlowerAvailableACTonnageLow	1.5 Tonnage
BlowerMotorRPM	1200 r/min
DimensionsBlowerDiameter	10 in
DimensionsBlowerWidth	8 in
DimensionsUnitDepth	28 in
DimensionsUnitHeight	33.5 in
DimensionsUnitWidth	17-1/2 in
ETLListed	Yes
ExternalStaticPressureRated	0.5
FilterQuantity	1
FilterSizeMin	16X25
HeatExchangerType	Gas
MinimumClearancestoCombustibleMaterials	1 ft
MotorSpeedType	Multi Speed ECM
NOxBurnerType	Non NOx Rated
NumberOfBurners	4
WeightUnit	121 lb
BlowerMotorHorsePower	3/4 metric hp
HighFireInputCapacity	80000 Btu
HighFireOutputCapacity	64000
LowFireInputCapacity	56000
LowFireOutputCapacity	44800
GasValveType	Two Stage Convertible
VentDiameter	4 in
Proposition 65 Label	Yes
Carton Type	CTN
Case Qty	1

<b>Attribute</b>	<b>Value</b>
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)	109.000 lb
Weight - (Distribution Shipping Unit)	109 lb
Weight - (Shipping Unit)	109.000 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 - 20 YEARS PARTS;HEAT EXCHANGER - 20 YEARS PARTS;HEAT EXCHANGER - 20 YEARS PARTS;ALL PARTS - 10 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

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