

# AMVC801005CN

Item Number: AMVC801005CN

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: AMVC80: upflow, horizontal left or right 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)	663051617643
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, 100,000 BTUH/H, Non-NOx
ProductDescriptionPIM	fer uf furnace
AFUE	0.8
AHRIReferenceNumber	204633385
CoolingCapacityNominal	60000 Btu/H
ENERGYSTARCertified	No
InstallationConfiguration	Upflow/Horizontal
Producer	Yes
ProductIDBarcode	AMVC801005CN
TemperatureRiseRangeHigh	25-55 °F
TemperatureRiseRangeLow	25-55 °F
CurrentType	AC
MaxOvercurrentProtection	15 A
MinCircuitAmps	10.6 A
PowerFrequency	60 Hz
PowerPhase	1 Ph
PowerVoltage	115 V
AirFlowRateHighHeating	1760 ft³/min

Attribute	Value
AirFlowRateLowHeating	1175 ft <sup>3</sup> /min
ANSI	Yes
BlowerAvailableACTonnageHigh	5 Tonnage
BlowerAvailableACTonnageLow	2 Tonnage
BlowerMotorRPM	1200 r/min
DimensionsBlowerDiameter	10 in
DimensionsBlowerWidth	10 in
DimensionsUnitDepth	28 in
DimensionsUnitHeight	33.3 in
DimensionsUnitWidth	21 in
ETLListed	Yes
ExternalStaticPressureRated	0.5
FilterQuantity	1
FilterSizeMin	20X25
HeatExchangerType	Gas
MinimumClearancestoCombustibleMaterials	.5 ft
MotorSpeedType	Variable Speed
NOxBurnerType	Non-NOx
NumberOfBurners	5
WeightUnit	124 lb
BlowerMotorHorsePower	3/4 metric hp
HighFireInputCapacity	100000 Btu
HighFireOutputCapacity	80000
LowFireInputCapacity	70000
LowFireOutputCapacity	56000
Tonnage	5
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)	22.00 in
Dimensions - (Distribution Unit Depth)	30 in
Dimensions - (Distribution Unit Height)	35.5 in
Dimensions - (Distribution Unit Width)	22 in
Dimensions - (Pallet Depth)	60.00 in
Dimensions - (Pallet Height)	35.50 in
Dimensions - (Pallet Width)	44.00 in
Dimensions - (Shipping Unit Depth)	30.00 in
Dimensions - (Shipping Unit Height)	35.50 in
Dimensions - (Shipping Unit Width)	22.00 in
Distribution Shipping Volume - (Unit)	23430 in <sup>3</sup>
Shipping Volume - (Unit)	23430.000 in <sup>3</sup>
Truck Factor	0
Volume - (Case)	23430.000 in <sup>3</sup>
Volume - (Distribution Shipping Unit)	23430 in <sup>3</sup>
Weight - (Case)	89.250 lb
Weight - (Distribution Shipping Unit)	89.25 lb
Weight - (Shipping Unit)	89.250 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

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