

# AR9S961005CN

Item Number: AR9S961005CN

| 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     | AR9S96   |
| Series Name        | AR9S96   |
| Short Description  | Amana 96% AFUE Gas Furnace Multi-Speed, Single Stage   |
| Model Efficiency   | 0.96   |
| Family Description | Single-Stage Multi-Speed ECM Gas Furnace Up to 96% AFUE  |
| Product Benefits   | "1. Higher reliability and quality<br>2. Faster condensate water drainage and no unit water leakage<br>3. Durable and long igniter life<br>4. Self-diagnostic control board with constant memory fault code history output<br>5. Provisions for electronic air cleaner and humidifier<br>6. Energy Efficient and quiet circulation<br>7. Self-diagnostic control board with constant memory<br>8. Meets the performance requirements for AHRI certification and complies with ETL North American safety standards.<br>9. Tax Credit<br>10. Simple installation and setup<br>11. Easy Connection for EAC and Humidifier<br>12. Extra option for Air flow<br>13. High static airflow capability<br>14. Lower NOx emission" |

| Attribute                                     | Value   |
|---|---|
| Product Features - (Standard)                 | <ul style="list-style-type: none"> <li>1. Heavy-duty stainless-steel tubular heat exchanger</li> <li>2. Stainless-steel sloped secondary heat exchanger</li> <li>3. Silicon Nitride igniter</li> <li>4. Dual 7-segment display</li> <li>5. Color-coded low-voltage terminals</li> <li>6. Multi-speed ECM blower motor with continuous fan speed</li> <li>7. Fault code LED Output</li> <li>8. AHRI Certified - ETL Listed</li> <li>9. Energy Star</li> <li>10. Single-Stage gas Valve</li> <li>11. Furnace control board with self-diagnostics and provisions for electronic air cleaner and 120-volt or 24-volt humidifiers</li> <li>12. Low constant fan speed circulates air throughout the home</li> <li>13. High static</li> <li>14. All models comply with California Ultra-Low NOx 14 ng/J"</li> </ul> |
| Cabinet Features                              | <ul style="list-style-type: none"> <li>1. Multi-position installation: upflow, horizontal left or right</li> <li>2. Certified for direct vent (2-pipe) or non-direct vent (1 pipe)</li> <li>3. Easy to install top venting with optional side vent</li> <li>4. Convenient left or right connection for gas and electrical service</li> <li>5. Cabinet air leakage (Qleak) less than or equal to 2%</li> <li>6. Fully insulated heat exchanger and blower section</li> <li>7. Bottom or side return air applications</li> <li>8. Heavy-gage steel cabinet with durable finish"</li> </ul>  |
| Installation Type                             | Ducted  |
| Communication Feature                         | No  |
| Export Control Classification Number - (ECCN) | EAR99   |
| Universal Product Code (UPC)                  | 663051685895  |
| 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 96% AFUE Gas Furnace Multi-Speed, Single Stage, Upflow/Horizontal, 100,000 BTUH/H, Non-NOx  |
| ProductDescriptionPIM                         | fer uf furnace  |
| AFUE  | 0.96  |
| CoolingCapacityNominal                        | 60000 Btu/H   |
| ENERGYSTARCertified                           | Yes   |
| InstallationConfiguration                     | Upflow/Horizontal   |

| Attribute                | Value                     |
|--------------------------|---------------------------|
| Producer                 | Yes                       |
| ProductIDBarcode         | AR9S961005CN              |
| TemperatureRiseRangeHigh | 30-60 °F                  |
| CurrentType              | AC                        |
| MaxOvercurrentProtection | 25 A                      |
| MinCircuitAmps           | 16.4 A                    |
| PowerFrequency           | 60 Hz                     |
| PowerPhase               | 1 Ph                      |
| PowerVoltage             | 115 V                     |
| AirFlowRateHighHeating   | 1929 ft <sup>3</sup> /min |
| ANSI                     | Yes                       |
| DimensionsBlowerDiameter | 11 in                     |
| DimensionsBlowerWidth    | 10 in                     |
| DimensionsUnitDepth      | 28-7/8 in                 |
| DimensionsUnitHeight     | 34-1/2 in                 |
| DimensionsUnitWidth      | 21 in                     |
| HeatExchangerType        | Gas                       |
| MotorSpeedType           | Multi-Speed               |
| NOxBurnerType            | Non-NOx                   |
| WeightUnit               | 140 lb                    |
| BlowerMotorHorsePower    | 1 metric hp               |
| HighFireInputCapacity    | 100000 Btu                |
| HighFireOutputCapacity   | 96100                     |
| Tonnage                  | 5                         |
| GasValveType             | Single Stage              |
| 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)                         | 38.50 in  |
| Dimensions - (Case Width)                          | 22.00 in  |
| Dimensions - (Distribution Unit Depth)             | 30 in   |
| Dimensions - (Distribution Unit Height)            | 38.5 in   |
| Dimensions - (Distribution Unit Width)             | 22 in   |
| Dimensions - (Pallet Depth)                        | 60.00 in  |
| Dimensions - (Pallet Height)                       | 38.50 in  |
| Dimensions - (Pallet Width)                        | 44.00 in  |
| Dimensions - (Shipping Unit Depth)                 | 30.00 in  |
| Dimensions - (Shipping Unit Height)                | 38.50 in  |
| Dimensions - (Shipping Unit Width)                 | 22.00 in  |
| Distribution Shipping Volume - (Unit)              | 25410 in <sup>3</sup>   |
| Shipping Volume - (Unit)                           | 25410.000 in <sup>3</sup>   |
| Truck Factor                                       | 0   |
| Volume - (Case)                                    | 25410.000 in <sup>3</sup>   |
| Volume - (Distribution Shipping Unit)              | 25410 in <sup>3</sup>   |
| Weight - (Case)                                    | 141.000 lb  |
| Weight - (Distribution Shipping Unit)              | 141 lb  |
| Weight - (Shipping Unit)                           | 141.000 lb  |
| Registered Parts Warranty - Commercial             | HEAT EXCHANGER - 20 YEARS PARTS;ALL PARTS - 5 YEARS PARTS   |
| Registered Parts Warranty - Multi-Family           | ALL PARTS - 10 YEARS PARTS;HEAT EXCHANGER - 20 YEARS PARTS  |
| Registered Parts Warranty - Residential            | HEAT EXCHANGER - 20 YEARS PARTS;HEAT EXCHANGER - 79 YEARS PARTS;ALL PARTS - 10 YEARS PARTS;HEAT EXCHANGER - 79 YEARS PARTS;ALL PARTS - 10 YEARS PARTS;HEAT EXCHANGER - 20 YEARS PARTS |
| Registered Unit Replacement Warranty - Residential | 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   |

| Attribute                              | Value   |
|--|---|
| 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  |