

AZV9SA4810

Item Number: AZV9SA4810

| Attribute | Value |
|-------------------------------|--|
| Brand | Amana |
| ProductCategory | Unitary |
| ProductClassPIM | Split Heat Pump |
| System Family | Unitary Split System |
| Function Category | Heat Pump |
| Product Type | Equipment |
| Unit Type | Outdoor |
| Market Type | Residential-Single Family |
| Product Family | AZV9S |
| Series Name | AZV9S |
| Short Description | Amana Split Heat Pump 19.2 SEER2, Inverter |
| Model Efficiency | 19.2 SEER2 |
| Family Description | High-Efficiency, Communicating, Ultimate Variable-Speed Inverter Drive Side Discharge Heat Pump Up to 19.2 SEER2 & 10 HSPF2 |
| Product Benefits | Meets the 2023 M1 Test Standards |
| Product Features - (Standard) | Variable-speed swing compressors;Strong heating capacity (Met the requirements of the U.S. Department of Energy (DOE) Residential Cold Climate Heat Pump Challenge);Suitable for high-ambient regions;Quiet digitally commutated fan motor • High-density compressor sound blanket;Compatible with Amana Smart Thermostat and other Amana communicating equipment;Compatible with AHRI 1380 Demand Response functionality Proprietary control algorithmic logic;In communicating mode, only two low-voltage wires to outdoor unit required;Diagnostic indicator lights, seven-segment LED display, and fault code storage;Proprietary Inside intelligence for diagnostics;Quiet-mode - provides enhanced acoustical comfort, up to 3 different sound levels (as low as 47dBA);Field-selectable boost mode increases compressor speed during unusually high loads;Field-installed bi-flow filter drier;Coil and ambient temperature sensors;Suction pressure transducer;Sweat connection service valves with easy access to gauge ports;3-Stage Heater Kit Available as a Field Installed Option Built-in drain pan heater;AHRI Certified;ETL Listed;Hot gas base pan eliminates extra drain pan heater down to 5°F |

| Attribute | Value |
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| Cabinet Features | Heavy-gauge galvanized steel cabinet with grille style sound control side design; Custom Ivory white powder-paint finish; High corrosion (ZAM®), unpainted steel bottom frame and legs; 500-hour salt-spray tested; Wire fan discharge grille; Top and side maintenance access; When properly anchored, meets the 2023 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.) |
| Installation Type | Ducted |
| Communication Feature | Yes |
| Communication Feature Type | Amana Brand smart thermostat |
| DOE Regional Compliance | All |
| Export Control Classification Number - (ECCN) | EAR99 |
| Product Notes | R32 Outdoor |
| Item Stocking Unit of Measure (UOM) | EA |
| Pallet Qty | 3 |
| US HTS Code | 8415.90.8070 |
| Long Description | Amana AZV9S Split Heat Pump 19.2 SEER2, Inverter, 4 Ton, Amana Brand smart thermostat |
| ProductDescriptionPIM | 19.2 SEER2 HP R32, 4 Ton |
| COP47HSVTC | 3.6 |
| EER2HSVTC | 11.7 |
| ENERGYSTARCertified | Yes |
| HeatingCapacityNominal | 48000 Btu/H |
| HSPF2HSVTC | 9 |
| InstallationConfiguration | Side Discharge |
| Producer | No |
| ProductIDBarcode | AZV9SA4810 |
| CoolingOperationRangeStdMax | 115 °F |
| CoolingOperationRangeStdMin | 0 °F |
| HeatingOperationRangeStdMax | 70 °F |
| HeatingOperationRangeStdMin | -20 °F |
| RatedCoolingConditionAmbientDB | 95 °F |

| Attribute | Value |
|--------------------------------|-------------|
| RatedCoolingConditionAmbientWB | 75 °F |
| RatedHeatingConditionAmbientDB | 47 °F |
| RatedHeatingConditionAmbientWB | 43 °F |
| Fan/CompressorDriveInput | 24.5 A |
| MaxOvercurrentProtection | 40 A |
| PowerFrequency | 60 Hz |
| PowerPhase | 1 Ph |
| PowerVoltage | 208/230 V |
| CompressorStages | Inverter |
| CompressorType | Inverter |
| DimensionsUnitDepth | 12.625 in |
| DimensionsUnitHeight | 56.3125 in |
| DimensionsUnitWidth | 37 in |
| MotorSpeedType | Multi-Speed |
| SoundPressureHighCooling | 77 dBA |
| WeightUnit | 236 lb |
| CoolingCapacityRated | 46000 Btu/H |
| HeatingCapacityRated | 48000 Btu/H |
| Tonnage | 4 |
| FactoryStdRefrigerantCharge | 162 oz |
| PipeSizeGas | 7/8 in |
| PipeSizeLiquid | 3/8 in |
| RefrigerantType | R-32 |
| Proposition 65 Label | Yes |
| Carton Type | CTN |
| Case Qty | 1 |
| Dimensions - (Case Depth) | 38.50 in |
| Dimensions - (Case Height) | 61.50 in |

| Attribute | Value |
|-------------------------------------|--|
| Dimensions - (Case Width) | 16.50 in |
| Dimensions - (Pallet Depth) | 48.00 in |
| Dimensions - (Pallet Height) | 66.50 in |
| Dimensions - (Pallet Width) | 40.00 in |
| Dimensions - (Shipping Unit Depth) | 38.50 in |
| Dimensions - (Shipping Unit Height) | 61.50 in |
| Dimensions - (Shipping Unit Width) | 16.50 in |
| Shipping Volume - (Unit) | 39067.875 in ³ |
| Truck Factor | 0 |
| Volume - (Case) | 39067.875 in ³ |
| Weight - (Case) | 271.000 lb |
| Weight - (Shipping Unit) | 271.000 lb |
| Ecomm Path Display | Equipment/Residential Split System/Split Heat Pump |
| Release Status | Active |