

ASZS60421E

Item Number: ASZS60421E

| 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 | ASZS6 |
| Series Name | ASZS6 |
| Short Description | Amana Split Heat Pump 16.2 SEER2, Inverter |
| Model Efficiency | 16.2 SEER2 |
| Family Description | Amana S - Series High-Efficiency, Communicating, Variable-Speed, Inverter Driven Side Discharge Split System Heat Pump, Up to 17.5 SEER2 & 8.6 HSPF2 |
| Product Benefits | Meets the 2023 M1 Test Standards |
| Product Features - (Standard) | Includes Enhanced Capacity models, featuring increased performance and efficiency.;Variable-speed swing compressors;Quiet digitally commutated fan motor;High-density compressor sound blanket;Compatible with Amana Smart Thermostat and other Amana communicating equipment;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;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;Quiet-mode - provides enhanced acoustical comfort, up to 3 different sound levels (as low as 45dBA);Sweat connection service valves with easy access to gauge ports;AHRI Certified;ETL Listed |

| Attribute | Value |
|---|--|
| Cabinet Features | Heavy-gauge galvanized steel cabinet with grille-style sound control side design;Custom Ivory white powder-paint finish;High corrosion-resistant (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 2020 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 |
| Universal Product Code (UPC) | 663051687196 |
| Item Stocking Unit of Measure (UOM) | EA |
| Pallet Qty | 4 |
| Country of Origin | USA |
| US HTS Code | 8415.90.8070 |
| Canadian HTS Code | 8415.90.90.00 |
| Long Description | Amana ASZS6 Split Heat Pump 16.2 SEER2, Inverter, 3.5 Ton, Amana Brand smart thermostat |
| ProductDescriptionPIM | Amana S-Series, Side Discharge Inverter ODU HP, 16.2 SEER2, 3.5 ton |
| COP47HSVTC | 3.3 |
| EER2HSVTC | 10 |
| ENERGYSTARCertified | Yes |
| HeatingCapacityNominal | 42000 Btu/H |
| HSPF2HSVTC | 8.6 |
| SEER2HSVTC | 17 |
| InstallationConfiguration | Side Discharge |
| Producer | Yes |
| ProductIDBarcode | ASZS60421E |
| CoolingOperationRangeStdMax | 115 °F |
| CoolingOperationRangeStdMin | 0 °F |

| Attribute | Value |
|--------------------------------|--------------|
| HeatingOperationRangeStdMax | 70 °F |
| HeatingOperationRangeStdMin | -10 °F |
| RatedCoolingConditionAmbientDB | 95 °F |
| RatedCoolingConditionAmbientWB | 75 °F |
| RatedHeatingConditionAmbientDB | 47 °F |
| RatedHeatingConditionAmbientWB | 43 °F |
| CurrentType | AC |
| MaxOvercurrentProtection | 40 A |
| MinCircuitAmps | 36.2 A |
| PowerFrequency | 60 Hz |
| PowerPhase | 1 Ph |
| PowerVoltage | 208/230 V |
| RatedLoadAmps | 26.9 A |
| CompressorStages | Inverter |
| CompressorType | Inverter |
| DimensionsUnitDepth | 12.625 in |
| DimensionsUnitHeight | 39 in |
| DimensionsUnitWidth | 37 in |
| ExpansionDevice | EEV |
| MotorSpeedType | Multi-Speed |
| SoundPressureHighCooling | 74 dBA |
| WeightUnit | 179 lb |
| CoolingCapacityRated | 40000 Btu/H |
| HeatingCapacityRated | 40000 Btu/H |
| Tonnage | 3.5 |
| FactoryStdRefrigerantCharge | 127 oz |
| MaxPipeLengthTotal | 100 ft |
| MaxPipeLengthVertical | 90 ft |

| Attribute | Value |
|---|---------------------------|
| PipeSizeLiquid | 3/8 in |
| RefrigerantPreChargedLineLength | 15 ft |
| RefrigerantType | R-410A |
| ValveSizeSuctionOD | 7/8 in |
| Proposition 65 Label | Yes |
| Carton Type | CTN |
| Case Qty | 1 |
| Dimensions - (Case Depth) | 16.50 in |
| Dimensions - (Case Height) | 44.00 in |
| Dimensions - (Case Width) | 40.00 in |
| Dimensions - (Distribution Unit Depth) | 16.5 in |
| Dimensions - (Distribution Unit Height) | 44 in |
| Dimensions - (Distribution Unit Width) | 40 in |
| Dimensions - (Pallet Depth) | 66.00 in |
| Dimensions - (Pallet Height) | 49.00 in |
| Dimensions - (Pallet Width) | 40.00 in |
| Dimensions - (Shipping Unit Depth) | 16.50 in |
| Dimensions - (Shipping Unit Height) | 44.00 in |
| Dimensions - (Shipping Unit Width) | 40.00 in |
| Distribution Shipping Volume - (Unit) | 29040 in ³ |
| Shipping Volume - (Unit) | 29040.000 in ³ |
| Truck Factor | 0 |
| Volume - (Case) | 29040.000 in ³ |
| Volume - (Distribution Shipping Unit) | 29040 in ³ |
| Weight - (Case) | 190.090 lb |
| Weight - (Distribution Shipping Unit) | 190.09 lb |
| Weight - (Shipping Unit) | 190.090 lb |
| Registered Parts Warranty - Commercial | ALL PARTS - 5 YEARS PARTS |

| Attribute | Value |
|--|---|
| Registered Parts Warranty - Multi-Family | ALL PARTS - 10 YEARS PARTS |
| Registered Parts Warranty - Residential | ALL PARTS - 10 YEARS PARTS;COMPRESSORS - 10 YEARS PARTS;ALL PARTS - 10 YEARS PARTS;COMPRESSORS - 10 YEARS PARTS;COMPRESSORS - LIFETIME PARTS;ALL PARTS - 10 YEARS PARTS |
| Registered Unit Replacement Warranty - Residential | COMPRESSORS - 10 YEARS UNIT REPLACEMENT;COMPRESSORS - LIFETIME UNIT REPLACEMENT;COMPRESSORS - 10 YEARS UNIT REPLACEMENT |
| Standard Parts Warranty - Commercial | ALL PARTS - 5 YEARS PARTS |
| Standard Parts Warranty - Multi-Family | ALL PARTS - 5 YEARS PARTS |
| Standard Parts Warranty - Residential | ALL PARTS - 5 YEARS PARTS |
| Ecomm Path Display | Equipment/Residential Split System/Split Heat Pump |
| Release Status | Active |