

ALZS4BA1810

Item Number: ALZS4BA1810

| 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 | ALZS4B |
| Series Name | ALZS4B |
| Short Description | Amana Split Heat Pump 14.3 SEER2, Single Stage |
| Model Efficiency | 14.3 SEER2 |
| Family Description | Energy-Efficient Standard Family R-32 Split System Heat Pump, up to 15.2 SEER2 and 7.8 HSPF2, 1-1/2 to 5Tons |
| Product Benefits | Meets the 2023 M1 Test Standards |
| Product Features - (Standard) | High-Efficiency Copeland Scroll Compressor;SmartShift technology to ensure quiet reliable defrost;Factory-installed bi-flow liquid line filter drier;Factory-installed suction-line accumulator;Factory-installed compressor crankcase heater;Factory-installed high-capacity muffler;Enhanced aluminum fin coil with 5mm diameter copper tubes in 1.5 -to 3.5 ton;Enhanced aluminum fin coil with 7mm diameter copper tubes in 4.0 -to 5.0 ton;High and low-pressure switches;Fully charged for 15' of tubing length;Service valves with sweat connections and easy-to-access gauge ports;Fully enclosed contactor with lug connection;Single-speed PSC condenser fan motor;High density foam compressor sound blanket on 1.5-2.0T, Advanced Copeland CoreSense Technology;Capacitor with extended life;AHRI Certified; ETL Listed |
| Cabinet Features | Removable grille style top design compliant with UL 60335-2-40;Steel louver coil guard with rust-resistant screws;Heavy-gauge galvanized-steel cabinet;Baked on powder-paint finish with 500-hour salt-spray approval;Single-panel access to controls with space provided for field-installed accessories;Steel louver coil guard with rust-resistant screws;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 |

| Attribute | Value |
|---|---|
| Communication Feature | No |
| Communication Feature Type | Non-Communicating |
| DOE Regional Compliance | All |
| Export Control Classification Number - (ECCN) | EAR99 |
| ISO Certified | Yes |
| Universal Product Code (UPC) | 663051689800 |
| Item Stocking Unit of Measure (UOM) | EA |
| Pallet Qty | 2 |
| Country of Origin | USA |
| US HTS Code | 8415.90.8070 |
| Canadian HTS Code | 8415.90.90.00 |
| Long Description | Amana ALZS4B Split Heat Pump 14.3 SEER2, Single Stage, 1.5 Ton, Non-Communicating |
| ProductDescriptionPIM | 14.3 SEER2 HP R32, 1.5 Ton |
| EER2HSVTC | 12.5 |
| ENERGYSTARCertified | No |
| HeatingCapacityNominal | 18000 Btu/H |
| HSPF2HSVTC | 7.8 |
| HSPFDucted | 15.2 |
| SEER2HSVTC | 15.2 |
| InstallationConfiguration | Top Discharge |
| Producer | Yes |
| ProductIDBarcode | ALZS4BA1810 |
| CoolingOperationRangeStdMax | 125 °F |
| CoolingOperationRangeStdMin | 55 °F |
| HeatingOperationRangeStdMax | 70 °F |
| HeatingOperationRangeStdMin | -20 °F |
| RatedCoolingConditionAmbientDB | 95 °F |

| Attribute | Value |
|---------------------------------|--------------|
| RatedCoolingConditionAmbientWB | 75 °F |
| RatedHeatingConditionAmbientDB | 47 °F |
| RatedHeatingConditionAmbientWB | 43 °F |
| MaxOvercurrentProtection | 15 A |
| MinCircuitAmps | 11.4 A |
| PowerFrequency | 60 Hz |
| PowerPhase | 1 Ph |
| PowerVoltage | 208/230 V |
| RatedLoadAmps | 8.3 A |
| CompressorStages | Single Stage |
| CompressorType | Scroll |
| DimensionsUnitDepth | 29 in |
| DimensionsUnitHeight | 32.5 in |
| DimensionsUnitWidth | 29 in |
| MotorSpeedType | Single Speed |
| SoundPressureHighCooling | 68 dBA |
| WeightUnit | 160 lb |
| CoolingCapacityRated | 18000 Btu/H |
| HeatingCapacityRated | 17400 Btu/H |
| Tonnage | 1.5 |
| AdditionalRefrigerantCharge | 0.55 lb |
| FactoryStdRefrigerantCharge | 71 oz |
| MaxPipeLengthTotal | 200 ft |
| MaxPipeLengthVertical | 79 ft |
| PipeSizeGas | 3/4 in |
| PipeSizeLiquid | 3/8 in |
| RefrigerantPreChargedLineLength | 15 ft |
| RefrigerantType | R-32 |

| Attribute | Value |
|--|----------------------------|
| ValveSizeLiquidOD | 3/8 in |
| ValveSizeSuctionOD | 3/4 in |
| Proposition 65 Label | Yes |
| Carton Type | CTN |
| Case Qty | 1 |
| Dimensions - (Case Depth) | 30.50 in |
| Dimensions - (Case Height) | 34.50 in |
| Dimensions - (Case Width) | 30.00 in |
| Dimensions - (Distribution Unit Depth) | 30.5 in |
| Dimensions - (Distribution Unit Height) | 34.5 in |
| Dimensions - (Distribution Unit Width) | 30 in |
| Dimensions - (Pallet Depth) | 30.50 in |
| Dimensions - (Pallet Height) | 34.50 in |
| Dimensions - (Pallet Width) | 60.00 in |
| Dimensions - (Shipping Unit Depth) | 30.50 in |
| Dimensions - (Shipping Unit Height) | 34.50 in |
| Dimensions - (Shipping Unit Width) | 30.00 in |
| Distribution Shipping Volume - (Unit) | 31567.5 in ³ |
| Shipping Volume - (Unit) | 31567.500 in ³ |
| Truck Factor | 0 |
| Volume - (Case) | 31567.500 in ³ |
| Volume - (Distribution Shipping Unit) | 31567.5 in ³ |
| Weight - (Case) | 184.000 lb |
| Weight - (Distribution Shipping Unit) | 184 lb |
| Weight - (Shipping Unit) | 184.000 lb |
| Registered Parts Warranty - Commercial | ALL PARTS - 5 YEARS PARTS |
| Registered Parts Warranty - Multi-Family | ALL PARTS - 10 YEARS PARTS |

| Attribute | Value |
|---|--|
| Registered Parts Warranty - Residential | ALL PARTS - 10 YEARS PARTS |
| 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 |