

# ALZS4BA4810

Item Number: ALZS4BA4810

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)	663051689855
Item Stocking Unit of Measure (UOM)	EA
Pallet Qty	1
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, 4 Ton, Non-Communicating
ProductDescriptionPIM	14.3 SEER2 HP R32, 4 Ton
EER2HSVTC	12.5
ENERGYSTARCertified	No
HeatingCapacityNominal	48000 Btu/H
HSPF2HSVTC	7.8
HSPFDucted	15.2
SEER2HSVTC	15.2
InstallationConfiguration	Top Discharge
Producer	Yes
ProductIDBarcode	ALZS4BA4810
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	40 A
MinCircuitAmps	25.5 A
PowerFrequency	60 Hz
PowerPhase	1 Ph
PowerVoltage	208/230 V
RatedLoadAmps	19.4 A
CompressorStages	Single Stage
CompressorType	Scroll
DimensionsUnitDepth	35.5 in
DimensionsUnitHeight	36.5 in
DimensionsUnitWidth	35-1/2 in
MotorSpeedType	Single Speed
SoundPressureHighCooling	73 dBA
WeightUnit	269 lb
CoolingCapacityRated	45500 Btu/H
HeatingCapacityRated	46000 Btu/H
Tonnage	4
AdditionalRefrigerantCharge	0.64 lb
FactoryStdRefrigerantCharge	174 oz
MaxPipeLengthTotal	200 ft
MaxPipeLengthVertical	79 ft
PipeSizeGas	1-1/8 in
PipeSizeLiquid	3/8 in
RefrigerantPreChargedLineLength	15 ft
RefrigerantType	R-32

<b>Attribute</b>	<b>Value</b>
ValveSizeLiquidOD	3/8 in
ValveSizeSuctionOD	7/8 in
Proposition 65 Label	Yes
Carton Type	CTN
Case Qty	1
Dimensions - (Case Depth)	37.00 in
Dimensions - (Case Height)	38.50 in
Dimensions - (Case Width)	37.00 in
Dimensions - (Distribution Unit Depth)	37 in
Dimensions - (Distribution Unit Height)	38.5 in
Dimensions - (Distribution Unit Width)	37 in
Dimensions - (Pallet Depth)	37.00 in
Dimensions - (Pallet Height)	38.50 in
Dimensions - (Pallet Width)	37.00 in
Dimensions - (Shipping Unit Depth)	37.00 in
Dimensions - (Shipping Unit Height)	38.50 in
Dimensions - (Shipping Unit Width)	37.00 in
Distribution Shipping Volume - (Unit)	52706.5 in <sup>3</sup>
Shipping Volume - (Unit)	52706.500 in <sup>3</sup>
Truck Factor	0
Volume - (Case)	52706.500 in <sup>3</sup>
Volume - (Distribution Shipping Unit)	52706.5 in <sup>3</sup>
Weight - (Case)	298.000 lb
Weight - (Distribution Shipping Unit)	298 lb
Weight - (Shipping Unit)	298.000 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