

ALZS4NA1810

Item Number: ALZS4NA1810

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	ALZS4N
Series Name	ALZS4N
Short Description	Amana Split Heat Pump 14.3 SEER2, Single Stage
Model Efficiency	14.3 SEER2
Family Description	Energy-Efficient Introductory Family R-32 Split System Heat Pump, up to 15.2 SEER2 and 7.8 HSPF2, 1-1/2 to 5 Tons
Product Benefits	Meets the 2023 M1 Test Standards
Product Features - (Standard)	Energy-Efficiency Compressor;SmartShift technology to ensure quiet reliable defrost;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;Factory-installed bi-flow liquid line filter drier;Factory-installed suction-line accumulator;Factory-installed compressor crankcase heater;Factory-installed high-capacity muffler;High and low-pressure switches;Fully enclosed contactor with lug connection;Single-speed PSC condenser fan motor;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;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
Communication Feature	No
Communication Feature Type	Non-Communicating

Attribute	Value
DOE Regional Compliance	All
Export Control Classification Number - (ECCN)	EAR99
ISO Certified	Yes
Universal Product Code (UPC)	663051689879
Item Stocking Unit of Measure (UOM)	EA
Pallet Qty	2
Long Description	Amana ALZS4N 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	7.5
HSPFDucted	7.5
SEER2HSVTC	15.2
InstallationConfiguration	Top Discharge
Producer	No
ProductIDBarcode	ALZS4NA1810
CoolingOperationRangeStdMax	125 °F
CoolingOperationRangeStdMin	55 °F
HeatingOperationRangeStdMax	70 °F
HeatingOperationRangeStdMin	-20 °F
RatedCoolingConditionAmbientDB	95 °F
RatedCoolingConditionAmbientWB	75 °F
RatedHeatingConditionAmbientDB	47 °F
RatedHeatingConditionAmbientWB	43 °F
MaxOvercurrentProtection	15 A
MinCircuitAmps	11.2 A

Attribute	Value
PowerFrequency	60 Hz
PowerPhase	1 Ph
PowerVoltage	208/230 V
RatedLoadAmps	8.2 A
CompressorStages	Single Stage
CompressorType	Rotary
DimensionsUnitDepth	29 in
DimensionsUnitHeight	32.5 in
DimensionsUnitWidth	29 in
MotorSpeedType	Single Speed
SoundPressureHighCooling	74 dBA
WeightUnit	160 lb
CoolingCapacityRated	18600 Btu/H
HeatingCapacityRated	18000 Btu/H
Tonnage	1.5
AdditionalRefrigerantCharge	0.55 lb
FactoryStdRefrigerantCharge	70 oz
MaxPipeLengthTotal	200 ft
MaxPipeLengthVertical	79 ft
PipeSizeGas	3/4 in
PipeSizeLiquid	3/8 in
RefrigerantPreChargedLineLength	15 ft
RefrigerantType	R-32
ValveSizeLiquidOD	3/8 in
ValveSizeSuctionOD	3/4 in
Proposition 65 Label	Yes
Carton Type	CTN
Case Qty	1

Attribute	Value
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)	168.000 lb
Weight - (Distribution Shipping Unit)	168 lb
Weight - (Shipping Unit)	168.000 lb
Registered Parts Warranty - Commercial	ALL PARTS - 5 YEARS PARTS
Registered Parts Warranty - Multi-Family	ALL PARTS - 10 YEARS PARTS
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

Attribute	Value
Ecomm Path Display	Equipment/Residential Split System/Split Heat Pump
Release Status	Active