

AZV7SA4210

Item Number: AZV7SA4210

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	AZV7SA
Series Name	AZV7S
Short Description	Amana Split Heat Pump 17.5 SEER2, Inverter
Model Efficiency	17.5 SEER2
Family Description	High-Efficiency, Communication, Split System Heat Pump Up to 17.5 SEER2 & 8.6 HSPF2
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	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	No
Communication Feature Type	Amana Brand smart thermostat

Attribute	Value
DOE Regional Compliance	All
Export Control Classification Number - (ECCN)	EAR99
ISO Certified	Yes
Product Notes	R32 Outdoor
Universal Product Code (UPC)	663051745162
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 AZV7S Split Heat Pump 17.5 SEER2, Inverter, 3.5 Ton, Amana Brand smart thermostat
ProductDescriptionPIM	17.5 SEER2 HP R32, 3.5 Ton
COP47HSVTC	3.3
EER2HSVTC	10
ENERGYSTARCertified	Yes
HeatingCapacityNominal	42000 Btu/H
HSPF2HSVTC	8.8
SEER2HSVTC	17.5
InstallationConfiguration	Side Discharge
Producer	Yes
ProductIDBarcode	AZV7SA4210
CoolingOperationRangeStdMax	115 °F
CoolingOperationRangeStdMin	0 °F
HeatingOperationRangeStdMax	70 °F
HeatingOperationRangeStdMin	-10 °F
RatedCoolingConditionAmbientDB	95 °F
RatedCoolingConditionAmbientWB	75 °F

Attribute	Value
RatedHeatingConditionAmbientDB	47 °F
RatedHeatingConditionAmbientWB	43 °F
MaxOvercurrentProtection	40 A
MinCircuitAmps	37.5 A
PowerFrequency	60 Hz
PowerPhase	1 Ph
PowerVoltage	208/230 V
RatedLoadAmps	30 A
CompressorStages	Inverter
CompressorType	Inverter
DimensionsUnitDepth	12.625 in
DimensionsUnitHeight	39 in
DimensionsUnitWidth	37 in
MotorSpeedType	Multi-Speed
SoundPressureHighCooling	71 dBA
WeightUnit	179 lb
CoolingCapacityRated	41000 Btu/H
HeatingCapacityRated	41000 Btu/H
Tonnage	3.5
FactoryStdRefrigerantCharge	118 oz
MaxPipeLengthTotal	100 ft
MaxPipeLengthVertical	90 ft
PipeSizeGas	3/4 in
PipeSizeLiquid	3/8 in
RefrigerantPreChargedLineLength	15 ft
RefrigerantType	R-32
ValveSizeSuctionOD	7/8 in
Proposition 65 Label	Yes

Attribute	Value
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)	194.090 lb
Weight - (Distribution Shipping Unit)	194.09 lb
Weight - (Shipping Unit)	194.090 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;COMPRESSORS - 10 YEARS PARTS;ALL PARTS - 10 YEARS PARTS;COMPRESSORS - 10 YEARS PARTS
Registered Unit Replacement Warranty - Residential	COMPRESSORS - 10 YEARS UNIT REPLACEMENT;COMPRESSORS - 10 YEARS UNIT REPLACEMENT

Attribute	Value
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