

# ASZH404810

Item Number: ASZH404810

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	ASZH4
Series Name	ASZH4
Short Description	Amana Split Heat Pump 14.3 SEER2, Single Stage
Model Efficiency	14.3 SEER2
Family Description	Energy-Efficient, Enhanced Split System Heat Pump, 14.3 SEER2 and 7.5 HSPF2, 1-1/2-5 Tons
Product Benefits	Meets the 2023 M1 Test Standards
Product Features - (Standard)	Energy-efficient scroll compressors;Expanded CoreSense™ diagnostics ; Enhanced aluminum fin coil with 5mm diameter copper tubes in 1.5- to 3.5-ton;SmartShift® technology to ensure quiet reliable defrost ; Single-speed PSC condenser fan motors;High- and low-pressure switches;High density compressor sound blanket ;Factory-installed compressor crankcase heater ;Factory-installed high-capacity muffler ; Factory-installed suction line accumulator ;Factory-installed bi-flow filter drier
Cabinet Features	Removable grill-style top design compliant with UL 60335-2-40;Increased airflow and enhanced air movement via new, optimized venturi rings;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 ;Single-panel access to controls with space provided for field-installed accessories;When properly anchored, it meets the 2020 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)
Installation Type	Ducted
Communication Feature	No

Attribute	Value
DOE Regional Compliance	All
Export Control Classification Number - (ECCN)	EAR99
Universal Product Code (UPC)	663051672338
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 ASZH4 Split Heat Pump 14.3 SEER2, Single Stage, 4 Ton,
ProductDescriptionPIM	4.0 Ton, Heat Pump, Single Stage, 14.3 SEER2
COP47HSVTC	3.7
EER2HSVTC	12
ENERGYSTARCertified	No
HeatingCapacityNominal	48000 Btu/H
HSPF2HSVTC	7.5
SEER2HSVTC	14.5
InstallationConfiguration	Top Discharge
Producer	Yes
ProductIDBarcode	ASZH404810
CoolingOperationRangeStdMax	125 °F
CoolingOperationRangeStdMin	55 °F
HeatingOperationRangeStdMax	70 °F
HeatingOperationRangeStdMin	-20 °F
RatedCoolingConditionAmbientDB	95 °F
RatedCoolingConditionAmbientWB	75 °F
RatedHeatingConditionAmbientDB	47 °F
RatedHeatingConditionAmbientWB	43 °F
CompressorLRA	110 A

Attribute	Value
CompressorRLA	19.9 A
MaxOvercurrentProtection	45.0 A
MaxVoltage	253 V
MinVoltage	197 V
PowerFrequency	60 Hz
PowerPhase	1 Ph
PowerVoltage	208/230 V
RatedLoadAmps	19.9 A
CompressorStages	Single Stage
CompressorType	Scroll
DimensionsUnitDepth	35.5 in
DimensionsUnitHeight	36.4395 in
DimensionsUnitWidth	35-1/2 in
MotorSpeedType	Single Speed
SoundPressureHighCooling	74 dBA
WeightUnit	272 lb
CoolingCapacityRated	45500 Btu/H
HeatingCapacityRated	46000 Btu/H
Tonnage	4
AdditionalRefrigerantCharge	0.6 lb
FactoryStdRefrigerantCharge	222 oz
MaxPipeLengthTotal	200 ft
MaxPipeLengthVertical	80 ft
PipeSizeLiquid	3/8 in
RefrigerantPreChargedLineLength	15 ft
RefrigerantType	R-410A
ValveSizeSuctionOD	7/8 in
Proposition 65 Label	Yes

<b>Attribute</b>	<b>Value</b>
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)	302.000 lb
Weight - (Distribution Shipping Unit)	302 lb
Weight - (Shipping Unit)	302.000 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

Attribute	Value
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	Obsolete