ALZT7CA4810

Item Number: ALZT7CA4810

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	ALZT7C
Series Name	ALZT7C
Short Description	Amana Split Heat Pump 17.2 SEER2, Two Stage
Model Efficiency	17.2 SEER2
Family Description	High-Effciency, Communication, Split System Heat Pump Up to 17.2 SEER2 & 8.2 HSPF2
Product Benefits	Meets the 2023 M1 Test Standards
Product Features - (Standard)	Two-Stage Copeland® UltraTech scroll compressor;High-density foam compressor sound blanket;Integrated communicating ComfortBridge™ technology;Commissioning and diagnostics via indoor board Bluetooth with the CoolCloud™ phone and tablet application;ComfortAlert™ built in diagnostics;Copper tube/enhanced aluminum fin coil- 5mm on 2.0-3.0T;Copper tube/enhanced aluminum fin coil - 7mm on 4.0-5.0T;Efficient, two-speed ECM condenser fan motor;Simple low-voltage wiring to outdoor unit in communicating mode;Diagnostic indicator lights and storage of six fault codes;Color-coded terminal strip for non-communicating set-up;High- and low-pressure switches;Time-delay technology with short-cycle protection 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;Factory-installed coil and ambient temperature sensors;AHRI Certified;ETL Listed
Cabinet Features	Grille-style sound control top design;Custom Nickel Gray powder-paint finish;500-hour salt-spray tested;Wire fan discharge grille;Steel louver coil guard;Single panel access to controls with space provided for field-installed accessories;Sweat connection service valves with easy access to gauge ports;When properly anchored, meets the 2023 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)

Attribute	Value
Installation Type	Ducted
Communication Feature	Yes
Communication Feature Type	Amana Brand smart thermostat
DOE Regional Compliance	All
Export Control Classification Number - (ECCN)	EAR99
ISO Certified	Yes
Product Notes	R32 Outdoor
Universal Product Code (UPC)	663051747715
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 ALZT7C Split Heat Pump 17.2 SEER2, Two Stage, 4 Ton, Amana Brand smart thermostat
ProductDescriptionPIM	17.2 SEER2 HP R32, 4 ton
EER2HSVTC	12.5
ENERGYSTARCertified	Yes
HeatingCapacityNominal	48000 Btu/H
HSPF2HSVTC	8.2
HSPFDucted	8.2
SEER2HSVTC	17.2
InstallationConfiguration	Top Discharge
Producer	Yes
ProductIDBarCode	ALZT7CA4810
CoolingOperationRangeStdMax	125 °F
CoolingOperationRangeStdMin	55 °F
HeatingOperationRangeStdMax	70 °F

Attribute	Value
HeatingOperationRangeStdMin	-20 °F
RatedCoolingConditionAmbientDB	95 °F
RatedCoolingConditionAmbientWB	75 °F
RatedHeatingConditionAmbientDB	47 °F
RatedHeatingConditionAmbientWB	43 °F
MaxOvercurrentProtection	50 A
MinCircuitAmps	31.6 A
PowerFrequency	60 Hz
PowerPhase	1 Ph
PowerVoltage	208/230 V
RatedLoadAmps	23.3 A
CompressorStages	Two Stage
CompressorType	Scroll
DimensionsUnitDepth	41.625 in
DimensionsUnitHeight	35.5 in
DimensionsUnitWidth	35-1/2 in
EnergySource	Electric
MotorSpeedType	Multi-Speed
SoundPressureHighCooling	75 dBA
WeightUnit	308 lb
CoolingCapacityRated	47000 Btu/H
HeatingCapacityRated	48500 Btu/H
Tonnage	4
AdditionalRefrigerantCharge	0.64 lb
FactoryStdRefrigerantCharge	229 oz
MaxPipeLengthTotal	150 ft
MaxPipeLengthVertical	80 ft
PipeSizeGas	1-1/8 in

Attribute	Value
PipeSizeLiquid	3/8 in
RefrigerantPreChargedLineLength	15 ft
RefrigerantType	R-32
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)	44.00 in
Dimensions - (Case Width)	37.00 in
Dimensions - (Distribution Unit Depth)	37 in
Dimensions - (Distribution Unit Height)	44 in
Dimensions - (Distribution Unit Width)	37 in
Dimensions - (Pallet Depth)	37.00 in
Dimensions - (Pallet Height)	44.00 in
Dimensions - (Pallet Width)	37.00 in
Dimensions - (Shipping Unit Depth)	37.00 in
Dimensions - (Shipping Unit Height)	44.00 in
Dimensions - (Shipping Unit Width)	37.00 in
Distribution Shipping Volume - (Unit)	60236 in^3
Shipping Volume - (Unit)	60236.000 in^3
Truck Factor	0
Volume - (Case)	60236.000 in^3
Volume - (Distribution Shipping Unit)	60236 in^3
Weight - (Case)	325.000 lb
Weight - (Distribution Shipping Unit)	318.09 lb
Weight - (Shipping Unit)	325.000 lb

Attribute	Value
Registered Parts Warranty - Commercial	ALL PARTS - 5 YEARS PARTS
Registered Parts Warranty - Multi-Family	ALL PARTS - 10 YEARS PARTS
Registered Parts Warranty - Residential	COMPRESSORS - 10 YEARS PARTS;ALL PARTS - 10 YEARS PARTS;COMPRESSORS - 10 YEARS PARTS;ALL PARTS - 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;COMPRESSORS - 10 YEARS UNIT REPLACEMENT
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