

AMST42CU1300

Item Number: AMST42CU1300

Attribute	Value
Brand	Corporate
ProductCategory	Unitary
ProductClassPIM	Air Handler
System Family	Unitary Split System
Function Category	Air Handler
Product Type	Equipment
Unit Type	Indoor
Market Type	Residential-Single Family
Product Family	AMST_32
Series Name	AMST
Short Description	AMST Air Handler, Multi-Speed Motor, Ton
Family Description	Multi-Position, Multi-Speed, ECM-Based Air Handler with Internal TXV 1½ to 5 Tons
Product Benefits	All-Aluminum tube/aluminum fin coil;Direct-drive, resilient-mount, 9-speed ECM motor;Available without heat or with sequence-controlled and rust-resistant nickel chromium heating elements of 5, 6, 8 or 10 kW;High-efficiency evaporator coil;Quiet operation;Primary/secondary drain connection in a high-temperature plastic drain pan;Suitable for free-return installation (non-ducted return air);Galvanized-steel construction;Factory-installed pull-type disconnect;Easy service access;AHRI Certified; ETL Listed
Product Features - (Standard)	Internal factory-installed thermal expansion valves for cooling and heat pump applications;Direct drive, 9-speed ECM blower motor;Factory installed 7mm AlumaFin7™ Evaporator Coil on 1½ to 3½ Ton models and 3/8 in. Evaporator Coil on 4 to 5 Ton models;All-aluminum evaporator coil with high-performance coated fin stock;Coil mounting track for quick repositioning;Optimized for use with R-32 refrigerant with factory installed leak detection sensor for A2L mitigation.;Cabinet air leakage less than 2.0% at 1.0 inch H2O when tested in accordance with ASHRAE standard 193;Cabinet air leakage less than 1.4% at 0.5 inch H2O when tested in accordance with ASHRAE standard 193;3 kW – 25 kW electric heater kits;AHRI certified;ETL listed
Cabinet Features	Rigid SmartFrame cabinet;Horizontal or vertical configuration capabilities;21" depth for easier attic access;DecaBDE-free thermoplastic drain pan with secondary drain connections;Screw-less sides and back helps to reduce condensation when installed in humid locations;Foil-faced insulation covers the internal casing to reduce cabinet condensation;Galvanized, leather grain-embossed finish;Glue-less cabinet insulation retention;Tool-less filter access

Attribute	Value
Installation Type	Ducted Multi-position
Communication Feature	No
Export Control Classification Number - (ECCN)	EAR99
Universal Product Code (UPC)	663051689190
Item Stocking Unit of Measure (UOM)	EA
Pallet Qty	4
Country of Origin	USA
US HTS Code	8415.90.8085
Canadian HTS Code	8415.90.90.00
Long Description	AMST Ducted Multi-position Air Handler, Multi-Speed Motor, 3.5 Ton, 21-1/8 in Cabinet with TXV Expansion,
ProductDescriptionPIM	Multi-Position, Multi-Speed, ECB-Based Air Handler with Internal TXV R-32
CoolingCapacityNominal	42000 Btu/H
Producer	Yes
ProductIDBarcode	AMST42CU1300
IndoorFLA	5.7 A
MaxOvercurrentProtection	15 A
MaxVoltage	253 V
MinCircuitAmps	5.9 A
MinVoltage	197 V
PowerFrequency	60 Hz
PowerPhase	1 Ph
PowerVoltage	208/240 V
DimensionsBlowerDiameter	10 in
DimensionsBlowerWidth	8 in
DimensionsUnitDepth	21 in
DimensionsUnitHeight	53-7/16 in
DimensionsUnitWidth	21-1/8 in

Attribute	Value
EvapMotorRPM	1345 r/min
ExpansionDevice	TXV
MotorSpeedType	Multi-Speed
NumberOfSpeeds	9
WeightUnit	153 lb
BlowerMotorHorsePower	3/4 metric hp
TonnageRange	3.5
FactoryStdRefrigerantCharge	0.5 oz
PipeSizeGas	3/4 in
PipeSizeLiquid	3/8 in
RefrigerantType	R-32
Proposition 65 Label	Yes
Carton Type	CTN
Case Qty	1
Dimensions - (Case Depth)	23.00 in
Dimensions - (Case Height)	57.50 in
Dimensions - (Case Width)	22.00 in
Dimensions - (Distribution Unit Depth)	23 in
Dimensions - (Distribution Unit Height)	57.5 in
Dimensions - (Distribution Unit Width)	22 in
Dimensions - (Pallet Depth)	46.00 in
Dimensions - (Pallet Height)	57.50 in
Dimensions - (Pallet Width)	44.00 in
Dimensions - (Shipping Unit Depth)	23.00 in
Dimensions - (Shipping Unit Height)	57.50 in
Dimensions - (Shipping Unit Width)	22.00 in
Distribution Shipping Volume - (Unit)	29095 in ³
Shipping Volume - (Unit)	29095.000 in ³

Attribute	Value
Truck Factor	0
Volume - (Case)	29095.000 in ³
Volume - (Distribution Shipping Unit)	29095 in ³
Weight - (Case)	140.000 lb
Weight - (Distribution Shipping Unit)	140 lb
Weight - (Shipping Unit)	140.000 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
Ecomm Path Display	Equipment/Residential Split System/Air Handler
Release Status	Active