

# AMST42CU1300

Generated from workbook row data

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	<p>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</p>
Product Features - (Standard)	<p>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</p>

Attribute	Value
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
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

Attribute	Value
DimensionsUnitHeight	53-7/16 in
DimensionsUnitWidth	21-1/8 in
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 <sup>3</sup>
Shipping Volume - (Unit)	29095.000 in <sup>3</sup>
Truck Factor	0
Volume - (Case)	29095.000 in <sup>3</sup>

Attribute	Value
Volume - (Distribution Shipping Unit)	29095 in <sup>3</sup>
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