

# ACST24LU1305

Item Number: ACST24LU1305

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	ACST
Series Name	ACST
Short Description	ACST Air Handler, Multi Speed ECM Motor, 2 Ton
Family Description	Ceiling mount Air HAndler
Product Benefits	1. Factory installed TXV for heat pump and cooling-only applications;2. All-Aluminum tube/aluminum fin coil;3. Direct-drive, resilient-mount, multi-speed motor;3. Sequence-controlled and rust-resistant nickel chromium heating elements of 5, 6, 8 and 10 kW;4. High-efficiency evaporator coil;5. Quiet operation;6. AHRI Certified;7. Suitable for both front and bottom return;8. Factory installed casing;9. UL 2-40 certified;10. ETL Listed;11. Suitable for free-return installation (non-ducted return air);12. Galvanized-steel construction;13. Factory-installed pull-type disconnect;14. Easy service access
Product Features - (Standard)	1. Factory installed TXV for heat pump and cooling-only applications;2. All-Aluminum tube/aluminum fin coil;3. Direct-drive, resilient-mount, multi-speed motor;3. Sequence-controlled and rust-resistant nickel chromium heating elements of 5, 6, 8 and 10 kW;4. High-efficiency evaporator coil;5. Quiet operation;6. AHRI Certified;7. Suitable for both front and bottom return;8. Factory installed casing;9. UL 2-40 certified;10. ETL Listed;11. Suitable for free-return installation (non-ducted return air);12. Galvanized-steel construction;13. Factory-installed pull-type disconnect;14. Easy service access;15. Optimized for use with R-32 refrigerant with factory installed leak detection sensor for A2L mitigation.
Cabinet Features	1. Primary/secondary drain connection in a high-temperature plastic drain pan;2. Suitable for free-return installation (non-ducted return air);3. Galvanized-steel construction;4. Factory-installed pull-type disconnect;5. Easy service access;6. Suitable for both front and bottom return;7. Factory installed casing
Installation Type	Ducted Ceiling Mounted

Attribute	Value
Communication Feature	No
Communication Feature Type	Non-Communicating
Export Control Classification Number - (ECCN)	EAR99
Universal Product Code (UPC)	663051719491
Item Stocking Unit of Measure (UOM)	EA
Pallet Qty	8
Country of Origin	USA
US HTS Code	8415.90.8020
Canadian HTS Code	8415.90.90.00
Long Description	ACST Ducted Ceiling Mounted Air Handler, Multi Speed ECM Motor, 2 Ton, 54-1/5 in Cabinet with TXV Expansion, Non-Communicating
ProductDescriptionPIM	Air Handler
CoolingCapacityNominal	24000 Btu/H
Producer	Yes
ProductIDBarcode	ACST24LU1305
IndoorFLA	0.08333333333333333
MaxOvercurrentProtection	30/30 A
MaxVoltage	253 V
MinCircuitAmps	25.1/28.5 A
MinVoltage	197 V
PowerFrequency	60 Hz
PowerPhase	1 Ph
PowerVoltage	208/230 V
DimensionsBlowerDiameter	6.7 in
DimensionsBlowerWidth	8.06 in
DimensionsUnitDepth	22.2 in
DimensionsUnitHeight	11 in
DimensionsUnitWidth	54-1/5 in

<b>Attribute</b>	<b>Value</b>
EvapCoilFaceArea	2.34
EvapMotorRPM	1550 r/min
ExpansionDevice	TXV
MotorSpeedType	Multi Speed ECM
NumberOfSpeeds	5
WeightUnit	97 lb
BlowerMotorHorsePower	1/4 metric hp
Tonnage	2
TonnageRange	2
FactoryStdRefrigerantCharge	0 oz
PipeSizeGas	3/4 in
PipeSizeLiquid	3/8 in
Proposition 65 Label	Yes
Carton Type	CTN
Case Qty	1
Dimensions - (Case Depth)	51.50 in
Dimensions - (Case Height)	10.00 in
Dimensions - (Case Width)	23.00 in
Dimensions - (Distribution Unit Depth)	51.5 in
Dimensions - (Distribution Unit Height)	10 in
Dimensions - (Distribution Unit Width)	23 in
Dimensions - (Pallet Depth)	52.00 in
Dimensions - (Pallet Height)	45.00 in
Dimensions - (Pallet Width)	46.00 in
Dimensions - (Shipping Unit Depth)	51.50 in
Dimensions - (Shipping Unit Height)	10.00 in
Dimensions - (Shipping Unit Width)	23.00 in
Distribution Shipping Volume - (Unit)	11845 in <sup>3</sup>

Attribute	Value
Shipping Volume - (Unit)	11845.000 in <sup>3</sup>
Truck Factor	0
Volume - (Case)	11845.000 in <sup>3</sup>
Volume - (Distribution Shipping Unit)	11845 in <sup>3</sup>
Weight - (Case)	85.090 lb
Weight - (Distribution Shipping Unit)	85.09 lb
Weight - (Shipping Unit)	85.090 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
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