

# ACST24LU1305

Attribute	Value
<b>Brand</b>	Corporate
<b>ProductCategory</b>	Unitary
<b>ProductClassPIM</b>	Air Handler
<b>System Family</b>	Unitary Split System
<b>Function Category</b>	Air Handler
<b>Product Type</b>	Equipment
<b>Unit Type</b>	Indoor
<b>Market Type</b>	Residential-Single Family
<b>Product Family</b>	ACST
<b>Series Name</b>	ACST
<b>Short Description</b>	ACST Air Handler, Multi Speed ECM Motor, 2 Ton
<b>Family Description</b>	Ceiling mount Air HANdler
<b>Product Benefits</b>	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
<b>Product Features - (Standard)</b>	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.
<b>Cabinet Features</b>	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
<b>Installation Type</b>	Ducted Ceiling Mounted
<b>Communication Feature</b>	No
<b>Communication Feature Type</b>	Non-Communicating

Attribute	Value
<b>Export Control Classification Number - (ECCN)</b>	EAR99
<b>Universal Product Code (UPC)</b>	663051719491
<b>Item Stocking Unit of Measure (UOM)</b>	EA
<b>Pallet Qty</b>	8
<b>Country of Origin</b>	USA
<b>US HTS Code</b>	8415.90.8020
<b>Canadian HTS Code</b>	8415.90.90.00
<b>Long Description</b>	ACST Ducted Ceiling Mounted Air Handler, Multi Speed ECM Motor, 2 Ton, 54-1/5 in Cabinet with TXV Expansion, Non-Communicating
<b>ProductDescriptionPIM</b>	Air Handler
<b>CoolingCapacityNominal</b>	24000 Btu/H
<b>Producer</b>	Yes
<b>ProductIDBarcode</b>	ACST24LU1305
<b>IndoorFLA</b>	0.0833333333333333
<b>MaxOvercurrentProtection</b>	30/30 A
<b>MaxVoltage</b>	253 V
<b>MinCircuitAmps</b>	25.1/28.5 A
<b>MinVoltage</b>	197 V
<b>PowerFrequency</b>	60 Hz
<b>PowerPhase</b>	1 Ph
<b>PowerVoltage</b>	208/230 V
<b>DimensionsBlowerDiameter</b>	6.7 in
<b>DimensionsBlowerWidth</b>	8.06 in
<b>DimensionsUnitDepth</b>	22.2 in
<b>DimensionsUnitHeight</b>	11 in
<b>DimensionsUnitWidth</b>	54-1/5 in
<b>EvapCoilFaceArea</b>	2.34
<b>EvapMotorRPM</b>	1550 r/min

Attribute	Value
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

Attribute	Value
<b>Distribution Shipping Volume - (Unit)</b>	11845 in <sup>3</sup>
<b>Shipping Volume - (Unit)</b>	11845.000 in <sup>3</sup>
<b>Truck Factor</b>	0
<b>Volume - (Case)</b>	11845.000 in <sup>3</sup>
<b>Volume - (Distribution Shipping Unit)</b>	11845 in <sup>3</sup>
<b>Weight - (Case)</b>	85.090 lb
<b>Weight - (Distribution Shipping Unit)</b>	85.09 lb
<b>Weight - (Shipping Unit)</b>	85.090 lb
<b>Registered Parts Warranty - Commercial</b>	ALL PARTS - 5 YEARS PARTS
<b>Registered Parts Warranty - Multi-Family</b>	ALL PARTS - 10 YEARS PARTS
<b>Registered Parts Warranty - Residential</b>	ALL PARTS - 10 YEARS PARTS
<b>Standard Parts Warranty - Commercial</b>	ALL PARTS - 5 YEARS PARTS
<b>Standard Parts Warranty - Multi-Family</b>	ALL PARTS - 5 YEARS PARTS
<b>Standard Parts Warranty - Residential</b>	ALL PARTS - 5 YEARS PARTS
<b>Ecomm Path Display</b>	Equipment/Residential Split System/Air Handler
<b>Release Status</b>	Active