

AMVT36CP1300

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	AMVT_32
Series Name	R-32 AMVT
Short Description	R-32 AMVT Air Handler, Variable Speed Motor, Ton
Product Benefits	<ol style="list-style-type: none"> 1. Internal factory-installed thermal expansion valves for cooling and heat pump applications 2. Variable-speed ECM blower motor 3. Integrated communicating ComfortBridge™ Technology 4. Commissioning and diagnostics via on board Bluetooth with the CoolCloud phone and tablet application 5. Auto configuration of the airflow and tonnage in communicating mode 6. Provides constant CFM over a wide range of static pressure conditions independent of duct system 7. CFM indicator 8. Fault recall of six most recent faults 9. Provides adjustable low CFM for efficient fan-only operation 10. Improved humidity and comfort control 11. Built-in compatibility with multi-stage heat pump and cooling applications 12. All-aluminum evaporator coil 13. AHRI certified ETL listed 14. Rigid SmartFrame™ cabinet 15. Horizontal or vertical configuration capabilities 16. DecaBDE-free thermoplastic drain pan with secondary drain connections 17. Foil-faced insulation covers the internal casing to reduce cabinet condensation 18. Field Installed 3 kW – 25 kW electric heater kits available

Attribute	Value
Product Features - (Standard)	<ol style="list-style-type: none"> 1. Internal factory-installed thermal expansion valves for cooling and heat pump applications 2. Variable-speed ECM blower motor 3. Integrated communicating ComfortBridge Technology 4. Commissioning and diagnostics via on board Bluetooth with the CoolCloud phone and tablet application. 5. Auto configuration of the airflow and tonnage in communicating mode 6. Provides constant CFM over a wide range of static pressure conditions independent of duct system 7. CFM indicator 8. Fault recall of six most recent faults 9. Provides adjustable low CFM for efficient fan-only operation 10. Improved humidity and comfort control 11. Built-in compatibility with multi-stage heat pump and cooling applications 12. Optimized for R-32 refrigerant with factory installed leak detection sensor for A2L mitigation.
Cabinet Features	<ol style="list-style-type: none"> 1. Rigid SmartFrame™ cabinet 2. Cabinet air leakage less than 2.0% at 1.0 inch H₂O when tested in accordance with ASHRAE standard 193 3. Cabinet air leakage less than 1.4% at 0.5 inch H₂O when tested in accordance with ASHRAE standard 193 4. Horizontal or vertical configuration capabilities 5. 21" depth for easier attic access 6. DecaBDE-free thermoplastic drain pan with secondary drain connections 7. Screw-less sides and back helps to reduce condensation when installed in humid locations 8. Foil-faced insulation covers the internal casing to reduce cabinet condensation 9. Galvanized, leather grain-embossed finish 10 .Glue-less cabinet insulation retention
Installation Type	Ducted Multi-position
Communication Feature	No
Communication Feature Type	ComfortBridge Technology compatible
Export Control Classification Number - (ECCN)	EAR99
Universal Product Code (UPC)	663051736399
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	R-32 AMVT Ducted Multi-position Air Handler, Variable Speed Motor, 3 Ton, 21-1/8 in Cabinet with TXV Expansion, ComfortBridge Technology compatible
ProductDescriptionPIM	air handler
CoolingCapacityNominal	36000 Btu/H
Producer	Yes

Attribute	Value
ProductIDBarcode	AMVT36CP1300
IndoorFLA	5.2 A
MaxOvercurrentProtection	50/60 A
MaxVoltage	253 V
MinCircuitAmps	6.5/6.5 A
MinVoltage	197 V
PowerFrequency	60 Hz
PowerPhase	1 Ph
PowerVoltage	208/240 V
DimensionsBlowerDiameter	10 in
DimensionsBlowerWidth	8 in
DimensionsUnitDepth	21 in
DimensionsUnitHeight	49 in
DimensionsUnitWidth	21-1/8 in
ExpansionDevice	TXV
MotorSpeedType	Variable Speed
WeightUnit	158 lb
BlowerMotorHorsePower	3/4 metric hp
TonnageRange	3
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)	24.50 in
Dimensions - (Case Height)	53.00 in
Dimensions - (Case Width)	22.50 in
Dimensions - (Distribution Unit Depth)	23 in
Dimensions - (Distribution Unit Height)	53 in
Dimensions - (Distribution Unit Width)	22 in

Attribute	Value
Dimensions - (Pallet Depth)	49.00 in
Dimensions - (Pallet Height)	53.00 in
Dimensions - (Pallet Width)	45.00 in
Dimensions - (Shipping Unit Depth)	24.50 in
Dimensions - (Shipping Unit Height)	53.00 in
Dimensions - (Shipping Unit Width)	22.50 in
Distribution Shipping Volume - (Unit)	26818 in ³
Shipping Volume - (Unit)	29216.250 in ³
Truck Factor	0
Volume - (Case)	29216.250 in ³
Volume - (Distribution Shipping Unit)	26818 in ³
Weight - (Case)	135.000 lb
Weight - (Distribution Shipping Unit)	135 lb
Weight - (Shipping Unit)	135.000 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