

# AMVT30BP1300

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>	AMVT_32
<b>Series Name</b>	R-32 AMVT
<b>Short Description</b>	R-32 AMVT Air Handler, Variable Speed Motor, Ton
<b>Product Benefits</b>	<p>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</p>
<b>Product Features - (Standard)</b>	<p>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.</p>

Attribute	Value
<b>Cabinet Features</b>	1. Rigid SmartFrame™ cabinet;2. Cabinet air leakage less than 2.0% at 1.0 inch H <sub>2</sub> O when tested in accordance with ASHRAE standard 193;3. Cabinet air leakage less than 1.4% at 0.5 inch H <sub>2</sub> O 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
<b>Installation Type</b>	Ducted Multi-position
<b>Communication Feature</b>	No
<b>Communication Feature Type</b>	ComfortBridge Technology compatible
<b>Export Control Classification Number - (ECCN)</b>	EAR99
<b>Universal Product Code (UPC)</b>	663051736375
<b>Item Stocking Unit of Measure (UOM)</b>	EA
<b>Pallet Qty</b>	4
<b>Country of Origin</b>	USA
<b>US HTS Code</b>	8415.90.8085
<b>Canadian HTS Code</b>	8415.90.90.00
<b>Long Description</b>	R-32 AMVT Ducted Multi-position Air Handler, Variable Speed Motor, 2.5 Ton, 17-9/16 in Cabinet with TXV Expansion, ComfortBridge Technology compatible
<b>ProductDescriptionPIM</b>	air handler
<b>CoolingCapacityNominal</b>	30000 Btu/H
<b>Producer</b>	Yes
<b>ProductIDBarcode</b>	AMVT30BP1300
<b>IndoorFLA</b>	3.9 A
<b>MaxOvercurrentProtection</b>	50/60 A
<b>MaxVoltage</b>	253 V
<b>MinCircuitAmps</b>	4.9/4.9 A
<b>MinVoltage</b>	197 V
<b>PowerFrequency</b>	60 Hz
<b>PowerPhase</b>	1 Ph

Attribute	Value
PowerVoltage	208/240 V
DimensionsBlowerDiameter	10 in
DimensionsBlowerWidth	6 in
DimensionsUnitDepth	21 in
DimensionsUnitHeight	53-7/16 in
DimensionsUnitWidth	17-9/16 in
ExpansionDevice	TXV
MotorSpeedType	Variable Speed
WeightUnit	134 lb
BlowerMotorHorsePower	0.5 metric hp
TonnageRange	2.5
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)	24.50 in
Dimensions - (Case Height)	57.50 in
Dimensions - (Case Width)	18.50 in
Dimensions - (Distribution Unit Depth)	24.5 in
Dimensions - (Distribution Unit Height)	57.5 in
Dimensions - (Distribution Unit Width)	18.5 in
Dimensions - (Pallet Depth)	49.00 in
Dimensions - (Pallet Height)	57.50 in
Dimensions - (Pallet Width)	37.00 in

Attribute	Value
<b>Dimensions - (Shipping Unit Depth)</b>	24.50 in
<b>Dimensions - (Shipping Unit Height)</b>	57.50 in
<b>Dimensions - (Shipping Unit Width)</b>	18.50 in
<b>Distribution Shipping Volume - (Unit)</b>	26061.875 in <sup>3</sup>
<b>Shipping Volume - (Unit)</b>	26061.875 in <sup>3</sup>
<b>Truck Factor</b>	0
<b>Volume - (Case)</b>	26061.875 in <sup>3</sup>
<b>Volume - (Distribution Shipping Unit)</b>	26061.875 in <sup>3</sup>
<b>Weight - (Case)</b>	127.000 lb
<b>Weight - (Distribution Shipping Unit)</b>	127 lb
<b>Weight - (Shipping Unit)</b>	127.000 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