

# AHVE42CP0300

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	AHVE115V_32
Series Name	115V AHVE
Short Description	115V AHVE Air Handler, Variable Speed Motor, Ton
Product Features - (Standard)	<p>Electronic Expansion Valve (EEV) for cooling and heat pump applications            7 mm evaporator coil tube size            Variable-speed ECM blower motor            Compatible with Daikin One+ smart thermostat and other Daikin communicating equipment            Provides constant CFM over a wide range of static pressure conditions independent of duct system            CFM indicator            Thermostat provides adjustable low CFM for efficient fan-only operation            All-aluminum evaporator coil            Fault recall of six most recent faults            Improved humidity and comfort control            AHRI certified            ETL listed            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            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</p>

Attribute	Value
Cabinet Features	<ul style="list-style-type: none"> <li>• Cabinet air leakage less than 2.0% at 1.0 inch H<sub>2</sub>O when tested in accordance with ASHRAE standard 193</li> <li>• Cabinet air leakage less than 1.4% at 0.5 inch H<sub>2</sub>O when tested in accordance with ASHRAE standard 193</li> <li>• Horizontal or vertical configuration capabilities</li> <li>• 21" depth for easier attic access</li> <li>• DecaBDE-free thermoplastic drain pan with secondary drain connections</li> <li>• Screw-less sides and back helps to reduce condensation when installed in humid locations</li> <li>• Foil-faced insulation covers the internal casing to reduce cabinet condensation</li> <li>• Galvanized, leather grain-embossed finish</li> <li>• Glue-less cabinet insulation retention</li> <li>• Tool-less filter access</li> </ul>
Installation Type	Ducted Multi-position
Communication Feature	Yes
Communication Feature Type	ComfortNet Compatible
Export Control Classification Number - (ECCN)	EAR99
Universal Product Code (UPC)	663051735255
Item Stocking Unit of Measure (UOM)	EA
Pallet Qty	4
Country of Origin	USA
Long Description	115V AHVE Ducted Multi-position Air Handler, Variable Speed Motor, 3.5 Ton, 22.5 in Cabinet with EEV Expansion, ComfortNet Compatible
ProductDescriptionPIM	Air Handler, Inverter, 3.5 Ton_R32
CoolingCapacityNominal	42000 Btu/H
Producer	No
ProductIDBarcode	AHVE42CP0300
IndoorFLA	5.2 A
MaxOvercurrentProtection	15/15 A
MaxVoltage	126 V
MinCircuitAmps	6.5/6.5 A
MinVoltage	103 V
PowerFrequency	60 Hz
PowerPhase	1 Ph
PowerVoltage	115 V
DimensionsBlowerDiameter	10.625 in

Attribute	Value
DimensionsBlowerWidth	10.625 in
DimensionsUnitDepth	21 in
DimensionsUnitHeight	53 in
DimensionsUnitWidth	22.5 in
EvapMotorRPM	1250 r/min
ExpansionDevice	EEV
IndoorOrificeSize	0.172 in
MotorSpeedType	Variable Speed
NumberOfSpeeds	Variable
WeightUnit	140 lb
BlowerMotorHorsePower	3/4 metric hp
TonnageRange	3.5
CondensateDrainOutlet	3/4 in
FactoryStdRefrigerantCharge	0 oz
PipeSizeGas	7/8 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)	22.50 in
Dimensions - (Distribution Unit Depth)	24.5 in
Dimensions - (Distribution Unit Height)	57.5 in
Dimensions - (Distribution Unit Width)	22.5 in
Dimensions - (Pallet Depth)	49.00 in
Dimensions - (Pallet Height)	57.50 in
Dimensions - (Pallet Width)	45.00 in
Dimensions - (Shipping Unit Depth)	24.50 in
Dimensions - (Shipping Unit Height)	57.50 in
Dimensions - (Shipping Unit Width)	22.50 in

<b>Attribute</b>	<b>Value</b>
Distribution Shipping Volume - (Unit)	31696.875 in <sup>3</sup>
Shipping Volume - (Unit)	31696.875 in <sup>3</sup>
Truck Factor	0
Volume - (Case)	31696.875 in <sup>3</sup>
Volume - (Distribution Shipping Unit)	31696.875 in <sup>3</sup>
Weight - (Case)	142.000 lb
Weight - (Distribution Shipping Unit)	142 lb
Weight - (Shipping Unit)	142.000 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