

# AHVE42CP1300

Item Number: AHVE42CP1300

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	AHVE230V_32
Series Name	Inverter compatible Air Handler
Short Description	Inverter compatible Air Handler 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;AHRl certified;ETL listed;Cabinet air leakage less than 2.0% at 1.0 inch H<sub>2</sub>O when tested in accordance with ASHRAE standard 193;Cabinet air leakage less than 1.4% at 0.5 inch H<sub>2</sub>O when tested in accordance with ASHRAE standard 193;3 kW – 25 kW electric heater kits;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>
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>• 3 kW – 25 kW electric heater kits;</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>

Attribute	Value
Installation Type	Ducted Multi-position
Communication Feature	Yes
Communication Feature Type	ComfortNet Compatible
Export Control Classification Number - (ECCN)	EAR99
Universal Product Code (UPC)	663051735194
Item Stocking Unit of Measure (UOM)	EA
Pallet Qty	4
Country of Origin	USA
US HTS Code	8415.90.8070
Canadian HTS Code	8415.90.90.00
Long Description	Inverter compatible Air Handler Ducted Multi-position Air Handler, Variable Speed Motor, 3.5 Ton, 21 in Cabinet with EEV Expansion, ComfortNet Compatible
ProductDescriptionPIM	Air Handler, Inverter, 3.5 Ton_R32
CoolingCapacityNominal	42000 Btu/H
Producer	Yes
ProductIDBarcode	AHVE42CP1300
IndoorFLA	5.2 A
MaxOvercurrentProtection	15/15 A
MaxVoltage	253 V
MinCircuitAmps	6.5/6.5 A
MinVoltage	197 V
PowerFrequency	60 Hz
PowerPhase	1 Ph
PowerVoltage	208/230 V
DimensionsBlowerDiameter	10.625 in
DimensionsBlowerWidth	10.625 in
DimensionsUnitDepth	21 in
DimensionsUnitHeight	53.4375 in

Attribute	Value
DimensionsUnitWidth	21 in
DimensionsWheelDiameter	10.625 in
DimensionsWheelWidth	10.625 in
EvapCoilFaceArea	5.37
EvapMotorRPM	1250 r/min
ExpansionDevice	EEV
MotorSpeedType	Variable Speed
NumberOfSpeeds	Variable
WeightUnit	140 lb
BlowerMotorHorsePower	3/4 metric hp
TonnageRange	3.5
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

<b>Attribute</b>	<b>Value</b>
Dimensions - (Shipping Unit Height)	57.50 in
Dimensions - (Shipping Unit Width)	22.50 in
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)	146.09 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