

# AVPEC25B14

Item Number: AVPEC25B14

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	AVPEC
Series Name	AVPEC
Short Description	Corporate AVPEC Air Handler, Variable Speed ECM
Family Description	Multi-Position, Variable-Speed ECM-Based Air Handler with Internal EEV, ComfortBridge™ and Inverter Compatible 2 to 5 Tons
Product Benefits	<p>1. Electronic Expansion Valve (EEV) for cooling and heat pump applications.;2. Variable-speed ECM blower motor;3. Suitable for operation with inverter-driven products;4. ComfortNet Communicating System compatible;5. Provides constant CFM over a wide range of static pressure conditions independent of duct system;6. CFM indicator;7. Provides adjustable low CFM for efficient fan-only operation;8. Improved humidity and comfort control;9. All-aluminum evaporator coil;10. Fault recall of six most recent faults;11. AHRI certified; ETL listed;12. Rigid SmartFrame™ cabinet;13. Horizontal or vertical configuration capabilities;14. DecaBDE-free thermoplastic drain pan with secondary drain connections;15. Foil-faced insulation covers the internal casing to reduce cabinet condensation;16. Field Installed 3 kW – 10 kW electric heater kits available</p>
Product Features - (Standard)	<p>1. Electronic Expansion Valve (EEV) for cooling and heat pump applications.;2. Variable-speed ECM blower motor;3. Suitable for operation with inverter-driven products;4. ComfortNet Communicating System compatible;5. Provides constant CFM over a wide range of static pressure conditions independent of duct system;6. CFM indicator;7. Provides adjustable low CFM for efficient fan-only operation;8. All-aluminum evaporator coil;9. Fault recall of six most recent faults;10. Improved humidity and comfort control ;11. 3 kW – 10 kW electric heater kits</p>

Attribute	Value
Cabinet Features	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
Installation Type	Ducted Multi-position
Communication Feature	Yes
Communication Feature Type	ComfortBridge Technology compatible
Export Control Classification Number - (ECCN)	EAR99
Min Advertised Price	1978 \$
Serialized Flag	Yes
Universal Product Code (UPC)	663051614963
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	AVPEC Ducted Multi-position Air Handler, Variable Speed ECM Motor, 25 Ton, 17-1/2 in Cabinet with EEV Expansion, ComfortBridge Technology compatible
ProductDescriptionPIM	air handler, eev
CoolingCapacityNominal	24000 Btu/H
Producer	Yes
ProductIDBarcode	AVPEC25B14
CurrentType	AC
ElectricHeatRange	3 kW;5 kW;6 kW;8 kW;10 kW
IndoorFLA	3.9 A
MaxOvercurrentProtection	15 A
MaxVoltage	253 V

Attribute	Value
MinCircuitAmps	4.9/4.9 A
MinVoltage	197 V
PowerFrequency	60 Hz
PowerPhase	1 Ph
PowerVoltage	208/230 V
BlowerMotorRPM	1250 r/min
CabinetFinish	Galvanized, leather grain-embossed finish, Painted
CasedvsUncased	Cased
DimensionsBlowerDiameter	10-5/8 in
DimensionsBlowerWidth	3/4 in
DimensionsUnitDepth	21 in
DimensionsUnitHeight	53-1/2 in
DimensionsUnitWidth	17-1/2 in
EnergySource	Electric
ETLListed	Yes
ExpansionDevice	EEV
IndoorOrificeSize	0.157+/- .0005 in
MotorSpeedType	Variable Speed ECM
WeightUnit	128 lb
BlowerMotorHorsePower	1/2 metric hp
Tonnage	2
TonnageRange	2;5
CondensateDrainOutlet	3/4 in
PipeSizeGas	3/4 in
PipeSizeLiquid	3/8 in
RefrigerantType	R-410A
Proposition 65 Label	Yes
Carton Type	CTN

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

Attribute	Value
Standard Parts Warranty - Residential	ALL PARTS - 5 YEARS PARTS
Ecomm Path Display	Equipment/Residential Split System/Air Handler
Release Status	Active