

AVPEC59D14

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	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	<ol style="list-style-type: none"> 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 <ol style="list-style-type: none"> 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 5 kW – 20 kW electric heater kits available
Product Features - (Standard)	<ol style="list-style-type: none"> 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. 5 kW – 20 kW electric heater kits

Attribute	Value
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	Yes
Communication Feature Type	ComfortBridge Technology compatible
Export Control Classification Number - (ECCN)	EAR99
Min Advertised Price	2329 \$
Serialized Flag	Yes
Universal Product Code (UPC)	663051614970
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, 2<multisep/>5 Ton, 24-1/2 in Cabinet with EEV Expansion, ComfortBridge Technology compatible
ProductDescriptionPIM	air handler, eev
CoolingCapacityNominal	48000 Btu/H
Producer	Yes
ProductIDBarcode	AVPEC59D14
CurrentType	AC
ElectricHeatRange	5 kW 6 kW 8 kW 10 kW 15 kW 20 kW 25 kW
IndoorFLA	6.9 A

Attribute	Value
MaxOvercurrentProtection	15 A
MaxVoltage	253 V
MinCircuitAmps	8.6/8.6 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	11-5/8 in
DimensionsBlowerWidth	3/4 in
DimensionsUnitDepth	21 in
DimensionsUnitHeight	53-1/2 in
DimensionsUnitWidth	24-1/2 in
EnergySource	Electric
ETLListed	Yes
ExpansionDevice	EEV
IndoorOrificeSize	0.172+/-0.0005 in
MotorSpeedType	Variable Speed ECM
WeightUnit	160 lb
BlowerMotorHorsePower	1 metric hp
Tonnage	5
TonnageRange	2;5
CondensateDrainOutlet	3/4 in
PipeSizeGas	7/8 in
PipeSizeLiquid	3/8 in
RefrigerantType	R-410A
Proposition 65 Label	Yes
Carton Type	CTN
Case Qty	1
Dimensions - (Case Depth)	24.50 in

Attribute	Value
Dimensions - (Case Height)	57.50 in
Dimensions - (Case Width)	26.00 in
Dimensions - (Distribution Unit Depth)	24.5 in
Dimensions - (Distribution Unit Height)	57.5 in
Dimensions - (Distribution Unit Width)	26 in
Dimensions - (Pallet Depth)	49.00 in
Dimensions - (Pallet Height)	57.50 in
Dimensions - (Pallet Width)	52.00 in
Dimensions - (Shipping Unit Depth)	24.50 in
Dimensions - (Shipping Unit Height)	57.50 in
Dimensions - (Shipping Unit Width)	26.00 in
Distribution Shipping Volume - (Unit)	36627.5 in ³
Shipping Volume - (Unit)	36627.500 in ³
Truck Factor	0
Volume - (Case)	36627.500 in ³
Volume - (Distribution Shipping Unit)	36627.5 in ³
Weight - (Case)	165.000 lb
Weight - (Distribution Shipping Unit)	165 lb
Weight - (Shipping Unit)	165.000 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