

# AVPEC59D14

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>	AVPEC
<b>Series Name</b>	AVPEC
<b>Short Description</b>	Corporate AVPEC Air Handler, Variable Speed ECM
<b>Family Description</b>	Multi-Position, Variable-Speed ECM-Based Air Handler with Internal EEV, ComfortBridge™ and Inverter Compatible 2 to 5 Tons
<b>Product Benefits</b>	<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 5 kW – 20 kW electric heater kits available</p>
<b>Product Features - (Standard)</b>	<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. 5 kW – 20 kW electric heater kits</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>	Yes
<b>Communication Feature Type</b>	ComfortBridge Technology compatible
<b>Export Control Classification Number - (ECCN)</b>	EAR99
<b>Min Advertised Price</b>	2329 \$
<b>Serialized Flag</b>	Yes
<b>Universal Product Code (UPC)</b>	663051614970
<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>	8415.90.8070
<b>Canadian HTS Code</b>	8415.90.90.00
<b>Long Description</b>	AVPEC Ducted Multi-position Air Handler, Variable Speed ECM Motor, 25 Ton, 24-1/2 in Cabinet with EEV Expansion, ComfortBridge Technology compatible
<b>ProductDescriptionPIM</b>	air handler, eev
<b>CoolingCapacityNominal</b>	48000 Btu/H
<b>Producer</b>	Yes
<b>ProductIDBarcode</b>	AVPEC59D14
<b>CurrentType</b>	AC
<b>ElectricHeatRange</b>	5 kW;6 kW;8 kW;10 kW;15 kW;20 kW;25 kW
<b>IndoorFLA</b>	6.9 A
<b>MaxOvercurrentProtection</b>	15 A
<b>MaxVoltage</b>	253 V

Attribute	Value
<b>MinCircuitAmps</b>	8.6/8.6 A
<b>MinVoltage</b>	197 V
<b>PowerFrequency</b>	60 Hz
<b>PowerPhase</b>	1 Ph
<b>PowerVoltage</b>	208/230 V
<b>BlowerMotorRPM</b>	1250 r/min
<b>CabinetFinish</b>	Galvanized, leather grain-embossed finish, Painted
<b>CasedvsUncased</b>	Cased
<b>DimensionsBlowerDiameter</b>	11-5/8 in
<b>DimensionsBlowerWidth</b>	3/4 in
<b>DimensionsUnitDepth</b>	21 in
<b>DimensionsUnitHeight</b>	53-1/2 in
<b>DimensionsUnitWidth</b>	24-1/2 in
<b>EnergySource</b>	Electric
<b>ETLListed</b>	Yes
<b>ExpansionDevice</b>	EEV
<b>IndoorOrificeSize</b>	0.172+/-0.0005 in
<b>MotorSpeedType</b>	Variable Speed ECM
<b>WeightUnit</b>	160 lb
<b>BlowerMotorHorsePower</b>	1 metric hp
<b>Tonnage</b>	5
<b>TonnageRange</b>	2;5
<b>CondensateDrainOutlet</b>	3/4 in
<b>PipeSizeGas</b>	7/8 in
<b>PipeSizeLiquid</b>	3/8 in
<b>RefrigerantType</b>	R-410A
<b>Proposition 65 Label</b>	Yes
<b>Carton Type</b>	CTN

Attribute	Value
Case Qty	1
Dimensions - (Case Depth)	24.50 in
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 <sup>3</sup>
Shipping Volume - (Unit)	36627.500 in <sup>3</sup>
Truck Factor	0
Volume - (Case)	36627.500 in <sup>3</sup>
Volume - (Distribution Shipping Unit)	36627.5 in <sup>3</sup>
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

Attribute	Value
<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