

# AVPTC59C14

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>	AVPTC
<b>Series Name</b>	AVPTC
<b>Short Description</b>	AVPTC Air Handler, Variable Speed
<b>Family Description</b>	Multi-Position, Variable-Speed, ECM-Based Air Handler with Internal TXV ComfortBridge™ Compatible 1½ to 5 Tons
<b>Product Benefits</b>	<p>1. Internal factory-installed thermal expansion valves for cooling and heat pump applications;2. Variable-speed ECM blower motor;3. Integrated communicating ComfortBridge™ Technology;4. Commissioning and diagnostics via on board Bluetooth with the CoolCloud phone and tablet application;5. Auto configuration of the airflow and tonnage in communicating mode;6. Provides constant CFM over a wide range of static pressure conditions independent of duct system;7. CFM indicator;8. Fault recall of six most recent faults;9. Provides adjustable low CFM for efficient fan-only operation;10. Improved humidity and comfort control;11. Built-in compatibility with multi-stage heat pump and cooling applications;12. All-aluminum evaporator coil;13. AHRI certified; ETL listed;14. Rigid SmartFrame™ cabinet;15. Horizontal or vertical configuration capabilities;16. DecaBDE-free thermoplastic drain pan with secondary drain connections;17. Foil-faced insulation covers the internal casing to reduce cabinet condensation;18. Field Installed 5 kW – 20 kW electric heater kits available</p>
<b>Product Features - (Standard)</b>	<p>1. Internal factory-installed thermal expansion valves for cooling and heat pump applications;2. Variable-speed ECM blower motor;3. Integrated communicating ComfortBridge Technology;4. Commissioning and diagnostics via on board Bluetooth with the CoolCloud phone and tablet application. ;5. Auto configuration of the airflow and tonnage in communicating mode;6. Provides constant CFM over a wide range of static pressure conditions independent of duct system;7. CFM indicator;8. Fault recall of six most recent faults;9. Provides adjustable low CFM for efficient fan-only operation;10. Improved humidity and comfort control;11. Built-in compatibility with multi-stage heat pump and cooling applications</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>	1730 \$
<b>Serialized Flag</b>	Yes
<b>Universal Product Code (UPC)</b>	663051609556
<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>	AVPTC Ducted Multi-position Air Handler, Variable Speed Motor, 4.05.0 Ton, 21 in Cabinet with TXV Expansion, ComfortBridge Technology compatible
<b>ProductDescriptionPIM</b>	air handler
<b>CoolingCapacityNominal</b>	48000 Btu/H
<b>Producer</b>	Yes
<b>ProductIDBarcode</b>	AVPTC59C14
<b>CurrentType</b>	AC
<b>IndoorFLA</b>	6.9 A
<b>MaxOvercurrentProtection</b>	15 A
<b>MaxVoltage</b>	253 V
<b>MinCircuitAmps</b>	8.6/8.6 A

Attribute	Value
MinVoltage	197 V
PowerFrequency	60 Hz
PowerPhase	1 Ph
PowerVoltage	208/240 V
BlowerMotorRPM	1250 r/min
DimensionsBlowerDiameter	10-5/8 in
DimensionsBlowerWidth	8 in
DimensionsUnitDepth	21 in
DimensionsUnitHeight	53-1/2 in
DimensionsUnitWidth	21 in
EnergySource	Electric
ExpansionDevice	TXV
MotorSpeedType	Variable Speed
WeightUnit	144 lb
BlowerMotorHorsePower	1 metric hp
TonnageRange	4.0;5.0
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
Dimensions - (Case Height)	57.50 in
Dimensions - (Case Width)	22.50 in
Dimensions - (Distribution Unit Depth)	24.5 in

Attribute	Value
<b>Dimensions - (Distribution Unit Height)</b>	57.5 in
<b>Dimensions - (Distribution Unit Width)</b>	22.5 in
<b>Dimensions - (Pallet Depth)</b>	49.00 in
<b>Dimensions - (Pallet Height)</b>	57.50 in
<b>Dimensions - (Pallet Width)</b>	45.00 in
<b>Dimensions - (Shipping Unit Depth)</b>	24.50 in
<b>Dimensions - (Shipping Unit Height)</b>	57.50 in
<b>Dimensions - (Shipping Unit Width)</b>	22.50 in
<b>Distribution Shipping Volume - (Unit)</b>	31696.875 in <sup>3</sup>
<b>Shipping Volume - (Unit)</b>	31696.875 in <sup>3</sup>
<b>Truck Factor</b>	0
<b>Volume - (Case)</b>	31696.875 in <sup>3</sup>
<b>Volume - (Distribution Shipping Unit)</b>	31696.875 in <sup>3</sup>
<b>Weight - (Case)</b>	143.000 lb
<b>Weight - (Distribution Shipping Unit)</b>	143 lb
<b>Weight - (Shipping Unit)</b>	143.000 lb
<b>Registered Parts Warranty - Commercial</b>	ALL PARTS - 5 YEARS PARTS
<b>Registered Parts Warranty - Multi-Family</b>	ALL PARTS - 10 YEARS PARTS
<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

Attribute	Value
Ecomm Path Display	Equipment/Residential Split System/Air Handler
Release Status	Active