

AVPTC59C14

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	AVPTC
Series Name	AVPTC
Short Description	AVPTC Air Handler, Variable Speed
Family Description	Multi-Position, Variable-Speed, ECM-Based Air Handler with Internal TXV ComfortBridge™ Compatible 1½ to 5 Tons
Product Benefits	<ol style="list-style-type: none"> 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

Attribute	Value
Product Features - (Standard)	<ol style="list-style-type: none"> 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
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	1730 \$
Serialized Flag	Yes
Universal Product Code (UPC)	663051609556
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	AVPTC Ducted Multi-position Air Handler, Variable Speed Motor, 4.0<multisep/>5.0 Ton, 21 in Cabinet with TXV Expansion, ComfortBridge Technology compatible
ProductDescriptionPIM	air handler
CoolingCapacityNominal	48000 Btu/H
Producer	Yes

Attribute	Value
ProductIDBarcode	AVPTC59C14
CurrentType	AC
IndoorFLA	6.9 A
MaxOvercurrentProtection	15 A
MaxVoltage	253 V
MinCircuitAmps	8.6/8.6 A
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

Attribute	Value
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
Dimensions - (Shipping Unit Height)	57.50 in
Dimensions - (Shipping Unit Width)	22.50 in
Distribution Shipping Volume - (Unit)	31696.875 in ³
Shipping Volume - (Unit)	31696.875 in ³
Truck Factor	0
Volume - (Case)	31696.875 in ³
Volume - (Distribution Shipping Unit)	31696.875 in ³
Weight - (Case)	143.000 lb
Weight - (Distribution Shipping Unit)	143 lb
Weight - (Shipping Unit)	143.000 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