



INFINITY™ SERIES



FE4
FE5



Infinity™ Series Fan Coil with Puron® Refrigerant

- Factory installed Puron® refrigerant TXV
- Constant CFM airflow independent of static pressure
- 15 to 20 degree significantly warmer supply air temperatures than conventional heat pump systems when installed with the Carrier Infinity™ Control
- Enhanced diagnostics and plug-n-play installation
- Consumer friendly user interface
- Unique cabinets meet 2% air leakage
- Connections for electronic air cleaners and humidifiers
- High-efficiency, variable speed blower motor (ECM)
- Field-installed heater packages available
- Multi-poise fan coil design for installation flexibility (FE4)
- Ultra low power consumption during fan only operation

Comfort™ SERIES



FC4
FX4



Comfort™ Series Fan Coil with Puron® Refrigerant and R-22

- Factory installed Puron® refrigerant TXV (FX4)
- R-22 factory installed TXV (FC4)
- Factory supplied washable filter
- Field-installed heater packages available
- Factory installed heater packages available
- Factory installed Time-Delay Relay
- Pre-painted, 20-gage galvanized sheet metal cabinet
- Unique cabinets meet 2% air leakage
- Multi-poise fan coil design for installation flexibility

Performance™ SERIES



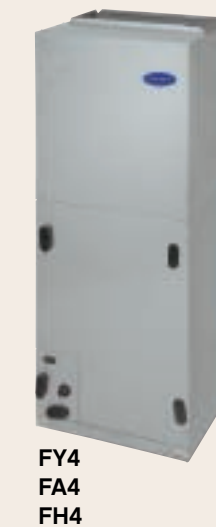
FV4
FK4



Performance™ Series Fan Coil with Puron® Refrigerant and R-22

- Factory installed Puron® refrigerant TXV (FV4)
- Factory installed R-22 TXV (FK4)
- 15 to 20 degree significantly warmer supply air temperature when installed with the Carrier Thermidistat™ Control
- Unique cabinets meet 2% air leakage
- High-efficiency, variable speed blower motor (ECM)
- Field-installed heater packages available
- Multi-poise fan coil design for installation flexibility

BASE MODELS



FY4
FA4
FH4



FF1

Base Series Fan Coil with Puron® Refrigerant and R-22

- Factory installed Puron® refrigerant TXV (FY4, FFIENP)
- R-22 factory installed TXV (FA4, FFIENE)
- Factory installed Time-Delay Relay (FY4, FA4, FH4)
- Pre-painted, 20-gage galvanized sheet metal cabinet
- Unique cabinets meet 2% air leakage
- Factory supplied washable filter (FH4)
- Factory supplied power plug
- Field-installed heater packages available
- Factory installed heater packages available
- Multi-poise fan coil design for installation flexibility (FY4, FA4, FH4)
- Factory installed disconnects available (FA4)

2006 Carrier Fan Coil Models		Infinity™ Series Variable Speed FE4A / FE5A	Performance™ Series Variable Speed FV4B	Performance™ Series Variable Speed FK4D	Comfort™ Series Deluxe Fixed Speed FX4C	Comfort™ Series Fixed Speed FC4D	Base Standard Fixed Speed FY4A	Base Standard Fixed Speed FA4C	Base Electric Furnace FH4C	Base Apartment FF1ENP	Base Apartment FF1ENE
Refrigerant	Puron® refrigerant compatible	•	•		•		•		N/A	•	
	Puron® refrigerant TXV's factory installed	•	•		•		•		N/A	•	
	R-22 Compatible			•		•		•	N/A		•
Design	R-22 TXV's factory installed			•		•		•	N/A		•
	Nominal Cooling Capacity (BTU/h)	18,24,30,36,42,48,60	18,24,30,36,42,48,60	18,24,30,36,42,48,60	18,24,30,36,42,48,60	18,24,30,36,42,48,60	18,24,30,36,42,48,60	18,24,30,36,42,48,60	N/A	18,24,30,36	18,24,30,36
	Pre-painted, 20-gauge galvanized sheet metal cabinet	•	•	•	•	•	•	•	•	•	•
	Multi-poise fan coil design for installation flexibility	•	•	•	•	•	•	•	•	•	•
	Modular units available	•(003-006)	•(003-006)	•(003-006)	•(36,42,48,60)	•(36,42,48,60)	•(60)	•(60)	•(60)		
	Field-installed heater packages available	•	•	•	•	•	•	•	•	•	•
	Factory installed heater packages available	•	•	•	•	•	•	•	•	•	•
	Factory supplied washable filter	•	•	•	•	•	•	•	•	•	•
	Factory supplied power plug	•	•	•	•	•	•	•	•	•	•
	Factory installed disconnects available	•	•	•	•	•	•	•	•	•	•
	TDR (Time-Delay Relay) factory installed	•	•	•	•	•	•	•	•	•	•
	40-va transformer	•	•	•	•	•	•	•	•	•	•
	Replaceable 5-amp auto-type fuse protects control board	•	•	•	•	•	•	•	•	•	•
	High-efficiency, variable speed blower motor (ECM)	•	•	•	•	•	•	•	•	•	•
	High-efficiency, fixed speed blower motor	•	•	•	•	•	•	•	•	•	•
Standard efficiency, fixed speed blower motor	•	•	•	•	•	•	•	•	•	•	
Smart Diagnostics - self-configuring, easy troubleshooting	•	•	•	•	•	•	•	•	•	•	
Connections for electronic air cleaners and humidifiers	•	•	•	•	•	•	•	•	•	•	
Cabinet fully insulated w/ high density 1-in. thick (R4.2) insulation	•	•	•	•	•	•	•	•	•	•	
Unique cabinets meets 2% air leakage	•	•	•	•	•	•	•	•	•	•	
Condensate pan constructed of engineered polymer and brass drain connections	•	•	•	•	•	•	•	•	N/A	•	
Multiple electric entry for application flexibility (high and low voltage)	•	•	•	•	•	•	•	•	•	•	
Performance	15 to 20 degree significantly warmer supply air temperatures than conventional heat pump systems when installed with the Carrier Infinity™ Control	•									
	15 to 20 degree significantly warmer supply air temperatures when installed with the Carrier Thermostat™ Control		•	•							
	Enhanced IdealHumidity™ control	•									
	IdealHumidity™ control when installed w/ Carrier Thermostat™		•	•							
	Constant CFM Airflow independent of static pressure	•	•	•							
	Easy Select Board allows simple configuration to maximize comfort, efficiency, and safe airflow selection	•	•	•							
	Ultra low power consumption during fan only operation	•	•	•							
HUD acceptable for manufactured housing	•	•	•								

Fan Coil Nomenclature

Product	Type	Position	Series	Electrical	Cabinet / Insulation	Nominal Capacity (Btu)	Heating Size (kw)	Variations
1	2	3	4	5	6	7, 8, 9	10, 11, 12	13 14 15 16
F	E	4	A	N	F	002	000	A A A A
<p>F = Fan Coil</p> <p>4 = Multipoise 1 = Upflow</p> <p>E = Infinity, Variable speed, Puron refrigerant V = Performance, Variable speed, Puron refrigerant K = Performance, Variable speed, R-22 X = Comfort, Puron refrigerant C = Comfort, R-22 Y = Base, Puron refrigerant A = Base, R-22 F = Through-the-wall H = Electric Furnace</p> <p>000 - no heat 005 - 5 kw 075 - 7.5 kw 008 - 8 kw 010 - 10 kw 011 - 11 kw 015 - 15 kw</p> <p>018 = 18,000 024 = 24,000 030 = 30,000 036 = 36,000 042 = 42,000 048 = 48,000 060 = 60,000 001 = 18,000-36,000 002 = 18,000-36,000 003 = 24,000-42,000 004 = 24,000-42,000 005 = 30,000-48,000 006 = 36,000-60,000</p> <p>B = Modular w/ 1-in. super thick insulation C = Factory installed disconnects F = Single piece cabinet with 1-in. super thick insulation X = CE Mark P = Puron refrigerant E = R-22</p> <p>N = 208/230v-1ph-60hz S = 230v-1ph-50hz</p>								



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