

FG5

Sentry Series Fan Coil – Variable Speed Constant Airflow Motor – Puron Advance™ Refrigerant Sizes 24 – 60



STANDARD FEATURES

- Variable Speed Constant Airflow ECM Motor - all sizes
- Integrated motor controls, 90-sec TDR function available on the easy select board for selection in the field to fit comfort needs
- The FG5 achieves an operational advantage when the variable speed ECM (Electronically Commutated Motor) is combined with an R-454B condensing unit
- Large, grooved tube, louvered fin coils
- Efficient, quiet, time-tested blower housings and diffusers
- Sturdy, drainable condensate pans
- Cabinet construction features innovations designed to prevent cabinet sweating
- Tested for condensate disposal in much tougher conditions than Air Conditioning and Refrigeration Institute requirements
- Super-thick R-4.2 insulation with vapor barrier
- Pre-painted galvanized steel cabinet (taupe metallic)
- Cabinet air leakage of less than 2% at 1 in.W.C. and cabinet air leakage less than 1.4% at 0.5 in. W.C. when tested in accordance with ASHRAE 193 standard.
- Installation-flexible, multipoise units
- Horizontal hanging provisions on cabinet
- No tools required to access filter door
- Newly improved filter rack area filter door insulation added for improved air seal
- 5 - through 30-kW accessory heaters - field installed
- Easy plug-in provisions for heater installation
- Entry options for high and low voltage wiring hook-up
- Leak-preventing sweat connections
- Thermostatic expansion valve (TXV), on all sizes, with mechanical fitting connections
- Puron Advance™, chlorine-free, non-ozone depleting refrigerant
- Refrigerant leak detection dissipation system for added safety

Puron
ADVANCE™



ISO 9001
Quality



Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program For verification of certification for individual products, go to www.ahridirectory.org.



LIMITED WARRANTY*

- 10 year parts to original purchaser upon timely registration, otherwise 5 years

* For residential applications. See warranty for full details.

This document does not contain technical data controlled by the EAR or ITAR.

SAP ORDERING NO.	NOMINAL COOLING CAPACITY (BTUH)	DIMENSIONS (IN.)			APPROX SHIP. WT (LB)	EXPANSION DEVICE	PRICE
		HEIGHT	WIDTH	DEPTH			
FG5ANXB24L	24,000	42-11/16	17-5/8	22-1/16	126	TXV	
FG5ANXC36L	36,000	53-7/16	21-1/8		148		
FG5ANXC48L	48,000				164		
FG5ANBD60L	60,000	59-3/16	24-11/16		190		

6th digit: X = Singular cabinet, TXV metering device; B = Modular (2 pc) cabinet, TXV metering device; 10th Digit: L - All aluminum coil

ACCESSORIES

DESCRIPTION	SAP ORDERING NO.*	USED ON	PRICE
Disconnect Kit	KFADK0301DSC	All single phase 3–10 kW	
Downflow Base Kit	KFACB0201CFB	24	
	KFACB0301CFB	36, 48	
	KFACB0401CFB	60	
Downflow Conversion Kit†	KFADC0201SLP	Slope Coil units - 36	
	KFADC0401ACL	A-Coil Units - 24, 48, 60	
Downflow/Horizontal Conversion Gasket Kit	KFAHD0101SLP	All	
Horizontal Water Management Kit (25 Pack)‡	KFAHC0125AAA	A-Coil Units - 24, 48, 60	
Single Point Wiring Kit	KFASP0101SPK	15–20 kW fused heaters only	
(Fan Coil Filter Media)	FNCCABCC0017 (MERV 8-FILXXFNC0017) (MERV 11-FILXXFNC0117) (MERV 13-FILXXFNC0317)	24	
	FNCCABCC0021 (MERV 8-FILXXFNC0021) (MERV 11-FILXXFNC0121) (MERV 13-FILXXFNC0321)	36, 48	
	FNCCABCC0024 (MERV 8-FILXXFNC0024) (MERV 11-FILXXFNC0124) (MERV 13-FILXXFNC0324)	60	
PVC Condensate Trap Kit (50 pack)	KFAET0150ETK	All	
Accessory Quick Connect Kit	KFAPS0110KIT	All	
Infinity Series Air Purifier (Purifier Replacement Cartridge)	DGAPAXX1620 (PGAPXCAR1620-A02)	24	
	DGAPAXX2020 (PGAPXCAR2020-A02)	36, 48	
	DGAPAXX2420 (PGAPXCAR2420-A02)	60	
Door Gasket Kit	344994-751**	All	

* Factory authorized and listed, field installed.

† KFAHD0101SLP must also be purchased for downflow applications

‡ KFAHD0101SLP must also be purchased for downflow or horizontal applications.

** This kit is for replacement of factory installed gaskets if they are damaged or removed from the fan coil.

**ACCESSORY ELECTRIC HEATERS
(WITH RELAYS FOR ADDED COMFORT AND PERFORMANCE)**

HEATER PART NO.	kW @ 240V	VAC/ PH	STAGES (kW OPERATING)	INTERNAL CIRCUIT PROTECTION	FAN COIL SIZE USED WITH	HEATING CAP.* @ 230V	INTELLIGENT HEAT CAPABLE (kW)**	PRICE
KFFE0501N05	5	230/1	5	None	All	15,700	—	
KFFE0801N08	8	230/1	8	None	All	25,100	—	
KFFE0901N10	10	230/1	10	None	All	31,400	—	
KFFE3001F15	15	230/1	5, 15	Fuse‡	All	47,100	5, 10, 15	
KFFE3201F20	20	230/1	5, 20	Fuse‡	All	62,800	5, 10, 15, 20	
KFFE2901N09	9	230/1	3, 9	None	All	28,200	3, 6, 9	
KFFE1601315	15	230/1	5, 15	None	All	47,100	—	
KFFE3601318	18	230/1	6, 12, 18	None	All	56,500	—	
KFFE3701F24	24	230/1	8, 16, 24	Fuse†	48, 60	78,300	8, 16, 24	
KFFE3801F30	30	230/1	10, 20, 30	Fuse†	48, 60	94,100	10, 20, 30	
KFFE2401C05	5	230/1	5	Circuit Breaker	All	15,700	—	
KFFE2501C08	8	230/1	8	Circuit Breaker	All	25,100	—	
KFFE2601C10	10	230/1	10	Circuit Breaker	All	31,400	—	
KFFE3101C15	15	230/1	5, 15	Circuit Breaker	All	47,100	10, 20, 30	
KFFE3301C20	20	230/1	5, 20	Circuit Breaker	All	62,800	5, 10, 15, 20	

* Field convertible to 3 phase

† These heaters are field convertible to 1 phase, single or multiple supply circuit.

‡ Single circuit application of F15 and F20 heaters requires Single-point wiring kit accessory.

** Heaters designed with kW operating values are intelligent heat capable when used with compatible thermostat.

NOTE: for 240 volts, multiply 230V heater amps by 1.04

This document does not contain technical data controlled by the EAR or ITAR.