

Single Piece Air Handlers

Performance Plus™ Series



F*RP, FP—Heat Pump and AC Models
F*RC, FC—AC Only Models
F*FV—ECM Models

Quiet operation and flexibility are key benefits of our Air Handlers.

Both quiet and efficient, our single piece air handlers offer flexibility for installation in any upflow or horizontal applications. These versatile models will provide heating and cooling operation when matched with split-system cooling or heat pump outdoor units. The air handlers are designed and rated to match all outdoor unit efficiency levels: 10, 12 and 14 SEER.

Setting The Performance Standard™

LUXAIRE®

HEATING ■ AIR CONDITIONING

■ Compact Design

The compact, sturdy cabinets are protected with a durable, attractive prepainted steel finish to prevent rust and corrosion. The air handlers are wrapped in reinforced fiberglass insulation to reduce sound levels and prevent cabinet sweating in high humidity areas. With units configured for upflow and horizontal applications, these units are an ideal fit in tight spaces such as attics, crawl spaces and closets.

■ Easy Installation

These fan coil units are designed to provide the lowest total installation cost. Accessible color-coded control wiring, top- and side-power wiring knockouts, easy-to-install drain connections and electric heaters all combine to minimize the installed cost on every job. The control board is equipped with low voltage terminal strips for easy installation, and also has plug-in receptacles for the auxiliary heaters and line voltage connections.

■ Wide Variety of Airflow Options

Blowers are sized to circulate air quietly and efficiently. The direct-drive, 3-speed motors provide a selection of air volume to match any application, from 600 to 2,000 CFM. High, Medium or Low motor speeds may be selected via an easy-to-use, quick-connect terminal at the motor. Slide-out blower/motor assemblies provide easy servicing.

■ Variable Speed Blower Capabilities

Utilizing Electronically Commutated Motor (ECM) technology, our 5 ton ECM model uses about 50% less electrical energy than conventional multi-speed blower motors. This technology enhances the SEER efficiency ratings of our air conditioning and heat pump systems by up to 1.5 points.

Additional benefits include:

- **Quiet Operation.** Blower motor quietly “ramps up” to full speed and “ramps down” to eliminate harsh starts and stops.
- **Installation Ease.** The technician simply selects the CFM desired, and the ECM motor compensates for variation in the duct work static pressure to provide consistent airflow for efficiency and comfort.
- **Greater Comfort.** ECM operation provides additional comfort because it allows multiple airflow settings for heating, cooling and fan modes.

■ High Tech Coils

Using the latest in heat transfer technology, the rifled tube coils are mechanically bonded to lanced aluminum fins to produce excellent heat transfer capability, high performance ratings and long-lasting quality.

■ Supplemental Electric Heating Options

Up to 25 kW of heat are available for field installations. All heaters include sequencers and temperature dual limit switches for safe, efficient operation. Circuit breakers are available with all models and required on 15 kW heaters and above. Heaters are available for single or three-phase operation.

■ Factory Warrantied!

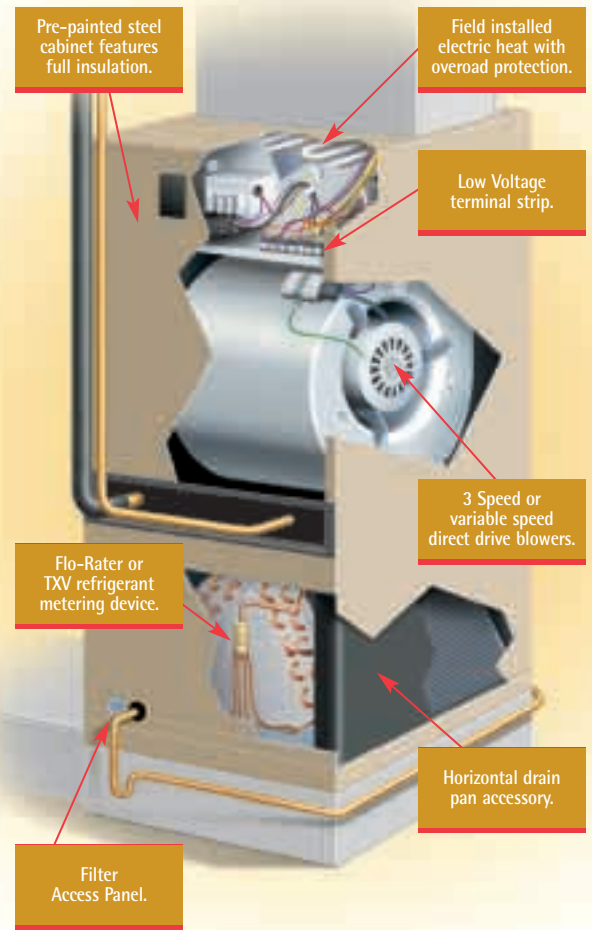
When we build air handlers this good, we stand behind them. All models are backed by a five year warranty on all parts or single-phase electric heating elements, and a one year warranty on three-phase heating elements.

Performance Promise™

Ask your dealer about our Performance Promise™ Extended Protection Plan. You can have complete peace of mind—with total parts-and-labor coverage on your system for up to 10 years.

Complete Buyer Protection

Ask your dealer about Easy Financing from Luxaire. Applying takes just minutes, and, upon approval, you'll enjoy low monthly payments, special financing offers and no annual fee. You can use Luxaire's revolving credit to purchase new Luxaire equipment, accessories and service. Keep your family in comfort year 'round...apply and buy with your new Luxaire credit card today!



SINGLE PIECE AIR HANDLERS • AIR CONDITIONING APPLICATIONS

Model Number	Nominal Capacity (Tons)	Nominal CFM	Application	Metering Device	Electrical Heat Available kW	Dimensions (Inches)			Plenum Size (Inches)		Filter Size (Inches)	Approximate Operating Weight (Lbs.)
						Height	Width	Depth	Width	Depth		
F*RC024N06 F*FC024N06	2.0	800	AC Only	Orifice	5, 7.5, 10	40-3/4	18	22	10-3/8	16-1/2	16x20	95
F*RC030N06 F*FC030N06	2.5	1000	AC Only	Orifice	5, 7.5, 10, 15	40-3/4	18	22	10-3/8	16-1/2	16x20	95
F*RC036N06 F*FC036N06	3.0	1200	AC Only	Orifice	5, 7.5, 10, 15	40-3/4	18	22	10-3/8	16-1/2	16x20	105

SINGLE PIECE AIR HANDLERS • HEAT PUMP & AIR CONDITIONING APPLICATIONS

¹ F*RP018N06 F*FP018N06	1.5	600	AC & HP	Orifice	2.5, 5, 7.5	40-3/4	18	22	10-3/8	16-1/2	16x20	87
¹ F*RP024N06 F*FP024N06	2.0	800	AC & HP	Orifice	5, 7.5, 10	40-3/4	18	22	10-3/8	16-1/2	16x20	93
¹ F*RP030N06 F*FP030N06	2.5	1000	AC & HP	Orifice	5, 7.5, 10, 15	40-3/4	21-1/2	22	10-3/8	16-1/2	16x20	100
¹ F*RP036N06 F*FP036N06	3.0	1200	AC & HP	Orifice	5, 7.5, 10, 15	40-3/4	21-1/2	22	10-3/8	20	20x20	109
F*RP040H06	3.5	1400	AC & HP	Orifice	5, 7.5, 10, 15	40-3/4	21-1/2	22	10-3/8	20	16x20	115
¹ F*RP042N06 F*FP042N06	3.5	1400	AC & HP	Orifice	5, 7.5, 10, 15	40-3/4	21-1/2	22	10-3/8	20	20x20	115
F*RP045H06	4.0	1600	AC & HP	Orifice	5, 7.5, 10, 15, 25	40-3/4	24	22	10-3/8	22-1/2	22x20	144
F*FP048H06	4.0	1600	AC & HP	Orifice	5, 7.5, 10, 15, 25	50-3/4	24	22	10-3/8	22-1/2	22x20	142
F*FP060H06	5.0	2000	AC & HP	Orifice	5, 7.5, 10, 15, 25	50-3/4	24	22	10-3/8	22-1/2	22x20	149

VARIABLE SPEED AIR HANDLERS • HEAT PUMP & AIR CONDITIONING APPLICATIONS

F*FV060H06	5.0	2000	AC & HP	Orifice/TXV	5, 7.5, 10, 15, 25	50-3/4	24	22	10-3/8	22-1/2	22x20	160
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*Generational Indicator.

1. Models available with factory-installed horizontal drain pans.

Setting The Performance Standard.



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