



# Product Guide

## F Series...

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*Premier Low Profile Air Handlers*



# F Series

## The Premier Upgrade for Any System...

Introducing F Series Healthy Solutions® Premier Multi-Position Air Handlers by ADP. F Series air handlers are compact, efficient solutions that are perfect for single or multi-family applications.



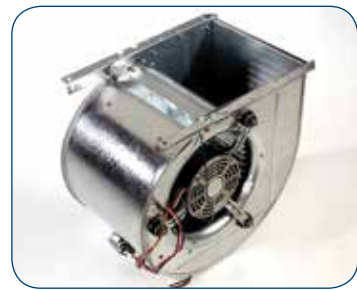
Sturdy cabinet design with ETL certified **2% or less** air leakage

Easy-to-access control panel and one-point electrical connections

Optional 5-20 kW heat kit available



Slide-out blower assembly with multiple electrical connection locations



Optional 5-speed high efficiency ECM motor:  
240/208V, 60 Hz  
120V, 60 Hz  
220V, 50 Hz



Upflow, horizontal left & right configurations

R-22 piston models available for replacement applications



HydroTEC™ drain pan design for lower water retention

Green & red drain pan plugs to identify primary vs. secondary



## Improved Air Quality

Microbes can double every 20 minutes on an untreated surface!



Standard plastic pan with visible mold



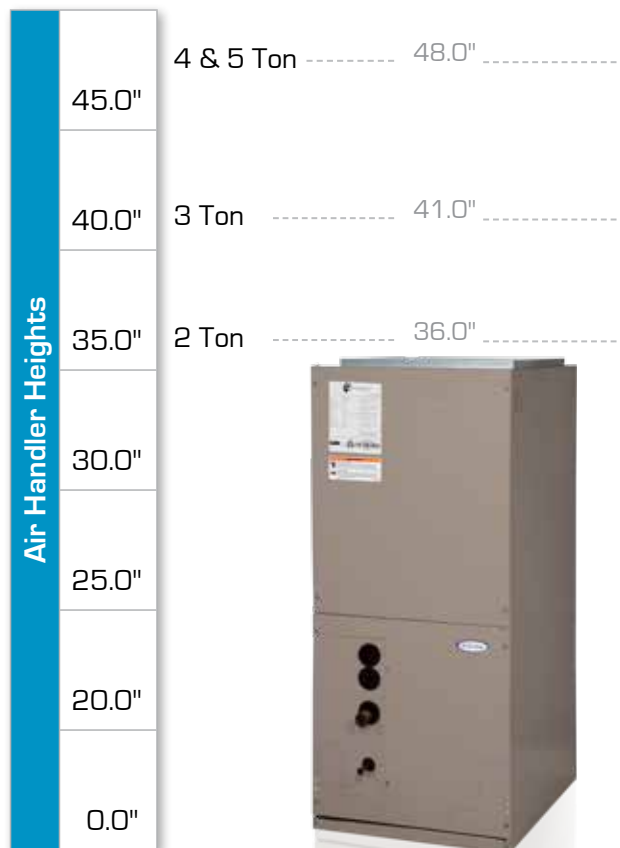
UV resistant plastic pan with Microban® antimicrobial additive

Mold is part of our environment and there are no practical ways to completely eliminate mold spores. The best defense against mold in a home is to prevent it from taking hold through moisture control and the use of mold resistant building materials.

Every Healthy Solutions® air handler features Microban® technology, providing added protection against the build-up of mold and mildew within your system!

## Compact Design

F Series air handlers are lightweight and up to 12" shorter than the comparable OEM models.



## The ADP Advantage...

### PROTECTION

ADP is the exclusive provider of air handlers featuring antimicrobial product protection by Microban®, a recognized consumer brand.

### QUALITY

ADP proprietary testing technology ensures leak-free performance at the higher operating pressures of R-410A systems.

### SERVICE

Healthy Solutions® air handlers are made for seamless installation and easy access.

### ENERGY SAVINGS

Many models are available to achieve higher SEER levels for ENERGY STAR compliance, utility rebates, and federal tax credits.

### WARRANTY

F Series air handlers feature an available 10-year limited warranty. Simply register online at [www.adpwarranty.com](http://www.adpwarranty.com).

# Product Nomenclature



Made in USA

**F C M E31 2 24 S 05 2 \_**

### Cabinet Color

- F:** Front painted only (Taupe)
- P:** Entire unit painted (Taupe)

### Blower Motor

- C:** 3-speed PSC motor
- E:** 5-speed high efficiency ECM motor<sup>[1] [2]</sup>

### Airflow Configuration

- V:** Vertical only
- M:** Multi-position (upflow, left or right horizontal)

### Slab Number

### Metering Device

- 0:** No cooling coil
- 1:** Piston (R-410A)
- 2:** Piston (R-22)
- 3:** Bleed TXV (R-22)
- 4:** Non-bleed A/C TXV (R-22)
- 5:** Non-bleed HP-A/C TXV (R-22)
- 6:** Non-bleed A/C TXV (R-410A)
- 9:** Non-bleed HP-A/C TXV (R-410A)

### Unit Size

**18, 24, 25, 30, 31, 36, 37<sup>[1]</sup>, 42, 48, 60**

[1] 120V, 60 Hz supply voltage cannot be used with electric heat, 5-speed high efficiency ECM motor; and 37 MBTUH unit size.

[2] 220V, 50 Hz supply voltage cannot be used with 5-speed high efficiency ECM motor.

### Option Code

- Blank:** No option
- S:** Palletized

### Voltage

- 1:** 240/208 V, 60 Hz, 1 ph.
- 2:** 240/208 V, 60 Hz, 1 ph. w/time delay
- 3:** 120V, 60 Hz, 1 ph.<sup>[1]</sup>
- 4:** 120V, 60 Hz, 1 ph. w/time delay<sup>[1]</sup>
- 5:** 220V, 50 Hz, 1 ph.<sup>[2]</sup>
- 6:** 220V, 50 Hz, 1 ph. w/time delay<sup>[2]</sup>

### Electric Heat

### Available in:

- 00:** none sizes 18-60
- 05:** 5 kW sizes 18-48
- 07:** 7.5 kW sizes 18-60
- 10:** 10 kW sizes 18-60
- 15:** 15 kW sizes 30-60
- 20:** 20 kW sizes 48-60

*Note: Maximum 10 kW per electrical supply circuit*

### Line Voltage Connections

	Amount of Heat					
	0	5	7.5	10	15	20
<b>S:</b> Stripped wire	●	●				
<b>T:</b> Terminal block		○	●	●		
<b>B:</b> Circuit breaker		○	○	○	●	●

●: standard ○: optional

Air Handler Size		18	24	25	30	31	36	37	42	48	60
Dimensions	Height (in)	36	36	41	41	48	41	48	48	48	48
	Depth (in)	22	22	22	22	26	22	26	26	26	26
	Width (in)	15	15	18 ½	18 ½	21 ⅞	18 ½	21 ⅞	21 ⅞	21 ⅞	21 ⅞

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 —Registered Quality System—



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