



Product Guide

R Series...

R Series

Multi-Position Air Handlers



R Series

The Premier Upgrade for Any System...

Introducing R Series Air Handlers by ADP. R Series air handlers are downflow capable and offer multiple options to meet high efficiency needs.



Downflow kits available -
field installed

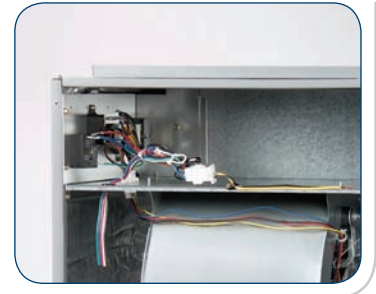
Sturdy cabinet design with ETL
certified **2% or less** air leakage



Upflow, horizontal left
& right configurations

Left and right dual
drain connections
with multiple knock-
outs offer a variety of
installation options

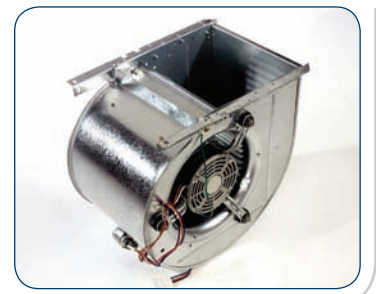
Slide-out panel with
one-point electrical
connections for fast
installations



Four screws to
open blower panel
for easy access



Slide out blower and
coil assembly for
easy servicing



R Series drain pan
with Microban®
antimicrobial
additive technology
provides protection
against mold and
mildew





Ultra Efficient

ADP R Series air handlers provide higher efficiency options at a lower cost.



PSC SEER Bump:

- R Series provides the ability to SEER bump to higher efficiency levels using a standard PSC motor.
- R Series combinations achieve efficiency below AHRI default WATTS.

Reduced Noise: Balanced three-speed motors ensure quiet operation and reduced static pressure.

Variable-Speed Option

Optional 5-speed high efficiency ECM motor for enhanced product performance.



Variable-speed features & benefits:

- Achieves higher SEER bump levels
- Maintains selected CFM over a wide range of static conditions
- Standard fan time delay feature
- Constant air circulation setting for improved indoor air quality
- LED for visual indication of air volume

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

ADP coils and 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

R Series air handlers feature a standard 5-year limited warranty.

Product Nomenclature



Made in USA

R C M E34 2 24 S 00 2

Series

R: ADP grey painted cabinet

Blower Motor

C: 3-speed motor
V: 5-speed high efficiency ECM motor ^[1]

Airflow Configuration

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

Slab Number

Metering Device

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

Unit Size

18^[2], 24, 30^[3], 36, 42, 48, 60

Voltage

1: 240/208 V, 60 Hz, 1 ph.
2: 240/208 V, 60 Hz, 1 ph. w/time delay
5: 220 V, 50 Hz, 1 ph. ^[1]
6: 220 V, 50 Hz, 1 ph. w/time delay ^[1]

Electric Heat

00: No heat
05: 5 kW (sizes 18-60)
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)

Line Voltage Connections

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

●: standard ○: optional

[1] Variable-speed high efficiency ECM motor option not available with 220 V, 50 Hz.

[2] For 18 MBTUH cooling capacity with variable-speed motor option use 24 size model and adjust blower speed setting lower.

[3] For 30 MBTUH cooling capacity with variable-speed motor option use 36 size model and adjust blower speed setting lower.

Air Handler Size		18	24	30	36	42	48	60
Dimensions	Height (in)	46 ¾	46 ¾	51	51	54	54	60
	Depth (in)	22	22	22	22	26	26	26
	Width (in)	18 ½	18 ½	21 ¼	21 ¼	21 ¼	21 ¼	21 ¼

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