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The full range of Comfort-Aire products for the Room Air market is presented in this catalog. Products are grouped into categories for your convenience and each section is color-coded, as shown below.

This catalog represents the latest information available at time of publication; however, because of on-going product improvements, we reserve the right to change design, specifications, performance data and materials without notice.

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 Comfort-Aire room air products come charged with the environmentally friendly R-410A refrigerant.



All Comfort-Aire room air products are listed with UL for application in the United States and Canada. See the model rating plate for specific certifications.



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## Cooling

## 5,000 BTUH



### RG-51J

5,000 BTUH

#### FEATURES

- Electro-mechanical seven-position control for easy temperature selection
- Adjustable thermostat from minimal cooling to maximum cooling
- Easy to access, slide-out filter is washable
- Adjustable air direction
- Compact, lightweight cabinet with attractive decorator front grille

#### SPECIFICATIONS

Cooling Capacity BTUH	5,000
Approx. Sq. Ft. Cooling	100-150
EER	9.7
Heating Capacity BTUH (electric)	N/A
Power Supply	115V 60Hz
Humidity Removal Pts/Hr	1.27
Ventilation Control	No
Fan Only	Yes
Fan Speeds Cool/Fan	2/2
Air Delivery Max. CFM	124
dB Level (hi/low)	54/50
Amps Cooling	4.5
Amps Heating	N/A
Maximum Fuse Size	15A
Power Cord	15A Parallel NEMA 5-15P
Slide-Out Chassis	No
Window Mounting Kit	Yes
Remote Control	No
In-Home Service	No
Shipping Weight (lbs.)	40
Dimensions (in.) Height	12 <sup>1</sup> / <sub>16</sub>
Width	16
Depth	13 <sup>1</sup> / <sub>4</sub>



### RADS-51J

5,200 BTUH

#### FEATURES

- Electronic controls with remote
- Two-way adjustable air direction
- Easy-access, slide-out, washable filter
- One degree temperature adjustment
- 24-hour on/off timer and auto restart, energy saver function; auto, dehumidification and sleep modes



#### SPECIFICATIONS

Cooling Capacity BTUH	5,200
Approx. Sq. Ft. Cooling	100-150
EER	10.7
Heating Capacity BTUH (electric)	N/A
Power Supply	115V 60Hz
Humidity Removal Pts/Hr	1.27
Ventilation Control	No
Fan Only	Yes
Fan Speeds Cool/Fan	2/2
Air Delivery Max. CFM	146
dB Level (hi/med/low)	56/52
Amps Cooling	4.5
Amps Heating	N/A
Maximum Fuse Size	15A
Power Cord	15A Parallel NEMA 5-15P
Slide-Out Chassis	No
Window Mounting Kit	Yes
Remote Control	Yes
In-Home Service	Yes
Shipping Weight (lbs.)	44
Dimensions (in.) Height	12 <sup>1</sup> / <sub>16</sub>
Width	16
Depth	15 <sup>3</sup> / <sub>8</sub>



**RADS-61J**      **6,000 BTUH**  
Nominal

### FEATURES

- Electronic controls with full feature remote
- Adjustable air direction
- Easy-access, slide-out, washable filter
- One degree temperature adjustment
- 24-hour on/off timer and auto restart, energy saver function; auto, dehumidification and sleep modes



### SPECIFICATIONS

Cooling Capacity BTUH	6,000
Approx. Sq. Ft. Cooling	150-250
EER	10.7
Heating Capacity BTUH (electric)	N/A
Power Supply	115V 60Hz
Humidity Removal Pts/Hr	1.48
Ventilation Control	No
Fan Only	Yes
Fan Speeds Cool/Fan	3/3
Air Delivery Max. CFM	146
dB Level (hi/med/low)	56/52/49
Amps Cooling	4.9
Amps Heating	N/A
Maximum Fuse Size	15A
Power Cord	15A Parallel NEMA 5-15P
Slide-Out Chassis	No
Window Mounting Kit	Yes
Remote Control	Yes
In-Home Service	Yes
Shipping Weight (lbs.)	44
Dimensions (in.) Height	12 <sup>1</sup> / <sub>16</sub>
Width	16
Depth	15 <sup>3</sup> / <sub>8</sub>



**RADS-81J**      **8,000 BTUH**  
Nominal

### FEATURES

- Electronic controls with full feature remote and auto restart
- Four-way adjustable air direction
- Easy-access, slide-out, washable filter
- One degree temperature adjustment
- 24-hour on/off timer and auto restart, energy saver function; auto, dehumidification and sleep modes



### SPECIFICATIONS

Cooling Capacity BTUH	8,000
Approx. Sq. Ft. Cooling	300-350
EER	10.8
Heating Capacity BTUH (electric)	N/A
Power Supply	115V 60Hz
Humidity Removal Pts/Hr	1.90
Ventilation Control	No
Fan Only	Yes
Fan Speeds Cool/Fan	3/3
Air Delivery Max. CFM	218
dB Level (hi/med/low)	61/57/53
Amps Cooling	6.4
Amps Heating	N/A
Maximum Fuse Size	15A
Power Cord	15A Parallel NEMA 5-15P
Slide-Out Chassis	No
Window Mounting Kit	Yes
Remote Control	Yes
In-Home Service	Yes
Shipping Weight (lbs.)	54
Dimensions (in.) Height	13 <sup>7</sup> / <sub>16</sub>
Width	18 <sup>9</sup> / <sub>16</sub>
Depth	15 <sup>3</sup> / <sub>4</sub>



**RADS-101J**      **10,000 BTUH**  
Nominal

### FEATURES

- Electronic controls with full feature remote and auto restart
- Four-way adjustable air direction
- Easy-access, slide-out, washable filter
- One degree temperature adjustment
- 24-hour on/off timer and auto restart, energy saver function; auto, dehumidification and sleep modes



### SPECIFICATIONS

Cooling Capacity BTUH	10,000
Approx. Sq. Ft. Cooling	400-450
EER	10.8
Heating Capacity BTUH (electric)	N/A
Power Supply	115V 60Hz
Humidity Removal Pts/Hr	2.32
Ventilation Control	Yes
Fan Only	Yes
Fan Speeds Cool/Fan	3/3
Air Delivery Max. CFM	290
dB Level (hi/med/low)	58/57/54
Amps Cooling	8.8
Amps Heating	N/A
Maximum Fuse Size	15A
Power Cord	15A Parallel NEMA 5-15P
Slide-Out Chassis	No
Window Mounting Kit	Yes
Remote Control	Yes
In-Home Service	Yes
Shipping Weight (lbs.)	68
Dimensions (in.) Height	14 <sup>11</sup> / <sub>16</sub>
Width	19
Depth	21 <sup>1</sup> / <sub>2</sub>

## Cooling

## 12,000 to 15,000 BTUH



**RADS-121J 12,000 BTUH**  
Nominal

### FEATURES

- Electronic controls with full feature remote and auto restart
- Four-way adjustable air direction
- Easy-access, slide-out, washable filter
- One degree temperature adjustment
- Energy saver mode, 24-hour on/off timer, dehumidification and auto modes



### SPECIFICATIONS

Cooling Capacity BTUH	12,000
Approx. Sq. Ft. Cooling	450-550
EER	10.8
Heating Capacity BTUH (electric)	N/A
Power Supply	115V 60Hz
Humidity Removal Pts/Hr	2.54
Ventilation Control	Yes
Fan Only	Yes
Fan Speeds Cool/Fan	3/3
Air Delivery Max. CFM	265
dB Level (hi/med/low)	60/57/52
Amps Cooling	10.2
Amps Heating	N/A
Maximum Fuse Size	15A
Power Cord	15A Parallel NEMA 5-15P
Slide-Out Chassis	No
Window Mounting Kit	Yes
Remote Control	Yes
In-Home Service	Yes
Shipping Weight (lbs.)	78
Dimensions (in.) Height	14 <sup>11</sup> / <sub>16</sub>
Width	19
Depth	21 <sup>1</sup> / <sub>2</sub>



**RAD-123J 12,000 BTUH**  
Nominal

### FEATURES

- Electronic controls with full feature remote and auto restart
- Four-way adjustable air direction
- Easy-access, slide-out, washable filter
- One degree temperature adjustment
- Energy saver mode, 24-hour on/off timer, dehumidification and auto modes

### SPECIFICATIONS

Cooling Capacity BTUH	11,800/12,000
Approx. Sq. Ft. Cooling	450-550
EER	9.8
Heating Capacity BTUH (electric)	N/A
Power Supply	208/230V 60Hz
Humidity Removal Pts/Hr	2.54
Ventilation Control	Yes
Fan Only	Yes
Fan Speeds Cool/Fan	3/3
Air Delivery Max. CFM	265
dB Level (hi/med/low)	60/57/52
Amps Cooling	6.2/5.7
Amps Heating	N/A
Maximum Fuse Size	15A
Power Cord	15A Tandem NEMA 6-15P
Slide-Out Chassis	No
Window Mounting Kit	Yes
Remote Control	Yes
In-Home Service	Yes
Shipping Weight (lbs.)	73
Dimensions (in.) Height	14 <sup>11</sup> / <sub>16</sub>
Width	19
Depth	21 <sup>1</sup> / <sub>2</sub>



**RADS-151J 15,000 BTUH**  
Nominal

### FEATURES

- Electronic controls with full feature remote and auto restart
- Four-way adjustable air direction
- Easy-access, slide-out, washable filter
- One degree temperature adjustment
- Energy saver mode, 24-hour on/off timer, dehumidification and auto modes



### SPECIFICATIONS

Cooling Capacity BTUH	15,000
Approx. Sq. Ft. Cooling	600-700
EER	10.7
Heating Capacity BTUH (electric)	N/A
Power Supply	115V 60Hz
Humidity Removal Pts/Hr	3.17
Ventilation Control	Yes
Fan Only	Yes
Fan Speeds Cool/Fan	3/3
Air Delivery Max. CFM	418
dB Level (hi/med/low)	59/56/52
Amps Cooling	12.1
Amps Heating	N/A
Maximum Fuse Size	15A
Power Cord	15A Parallel NEMA 5-15P
Slide-Out Chassis	Yes
Window Mounting Kit	Yes
Remote Control	Yes
In-Home Service	Yes
Shipping Weight (lbs.)	112
Dimensions (in.) Height	17 <sup>15</sup> / <sub>16</sub>
Width	23 <sup>5</sup> / <sub>8</sub>
Depth	25 <sup>7</sup> / <sub>16</sub>

## 18,000 to 28,000 BTUH

## Cooling



**RADS-183J 18,000 BTUH**  
Nominal

### FEATURES

- Electronic controls with full feature remote and auto restart
- Four-way adjustable air direction
- Easy-access, slide-out, washable filter
- One degree temperature adjustment
- Energy saver function, 24-hour on/off timer, dehumidification and auto modes



### SPECIFICATIONS

Cooling Capacity BTUH	18,200/18,500
Approx. Sq. Ft. Cooling	700-1000
EER	10.7
Heating Capacity BTUH (electric)	N/A
Power Supply	208/230V 60Hz
Humidity Removal Pts/Hr	3.80
Ventilation Control	Yes
Fan Only	Yes
Fan Speeds Cool/Fan	3/3
Air Delivery Max. CFM	447
dB Level (hi/med/low)	60/57/53
Amps Cooling	8.3/7.7
Amps Heating	N/A
Maximum Fuse Size	15A
Power Cord	15A Tandem NEMA 6-15P
Slide-Out Chassis	Yes
Window Mounting Kit	Yes
Remote Control	Yes
In-Home Service	Yes
Shipping Weight (lbs.)	128
Dimensions (in.) Height	17 <sup>15</sup> / <sub>16</sub>
Width	23 <sup>5</sup> / <sub>8</sub>
Depth	25 <sup>7</sup> / <sub>16</sub>



**RADS-253J 25,000 BTUH**  
Nominal

### FEATURES

- Electronic controls with full feature remote and auto restart
- Four-way adjustable air direction
- Easy-access, slide-out, washable filter
- One degree temperature adjustment
- Energy saver function, 24-hour on/off timer, dehumidification and auto modes



### SPECIFICATIONS

Cooling Capacity BTUH	24,700/25,000
Approx. Sq. Ft. Cooling	1400-1500
EER	9.4
Heating Capacity BTUH (electric)	N/A
Power Supply	208/230V 60Hz
Humidity Removal Pts/Hr	5.71
Ventilation Control	Yes
Fan Only	Yes
Fan Speeds Cool/Fan	3/3
Air Delivery Max. CFM	541
dB Level (hi/med/low)	62/59/56
Amps Cooling	12.8/12.0
Amps Heating	N/A
Maximum Fuse Size	20A
Power Cord	20A Tee NEMA 6-20P
Slide-Out Chassis	Yes
Window Mounting Kit	Yes
Remote Control	Yes
In-Home Service	Yes
Shipping Weight (lbs.)	137
Dimensions (in.) Height	18 <sup>5</sup> / <sub>8</sub>
Width	26 <sup>1</sup> / <sub>2</sub>
Depth	25 <sup>1</sup> / <sub>2</sub>



**RAD-283J 28,000 BTUH**  
Nominal

### FEATURES

- Large capacity cooling for residential or commercial applications
- Electronic controls with full feature remote and auto restart
- Four-way adjustable air direction
- Easy-access, slide-out, washable filter
- Energy saver function, 24-hour on/off timer, dehumidification and auto modes

### SPECIFICATIONS

Cooling Capacity BTUH	28,000/28,500
Approx. Sq. Ft. Cooling	1500-1700
EER	8.5/8.5
Heating Capacity BTUH (electric)	N/A
Power Supply	208/230V 60Hz
Humidity Removal Pts/Hr	6.34
Ventilation Control	Yes
Fan Only	Yes
Fan Speeds Cool/Fan	3/3
Air Delivery Max. CFM	541
dB Level (hi/med/low)	63/60/56
Amps Cooling	16.0 / 14.8
Amps Heating	N/A
Maximum Fuse Size	30A
Power Cord	30A Tandem NEMA 6-30P
Slide-Out Chassis	Yes
Window Mounting Kit	Yes
Remote Control	Yes
In-Home Service	Yes
Shipping Weight (lbs.)	151
Dimensions (in.) Height	18 <sup>5</sup> / <sub>8</sub>
Width	26 <sup>1</sup> / <sub>2</sub>
Depth	25 <sup>1</sup> / <sub>2</sub>