



ROOM AIR PRODUCTS CATALOG

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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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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.



Visit us online at www.comfort-aire.com

Cooling



RG-51M

5,000 BTUH

RADS-51L



5,000 BTUH

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/CEER		11.1/11.0
Heating Capacity BTUH (electric)		N/A
Power Supply		115V 60Hz
Humidity Remova	l Pts/Hr	1.27
Ventilation Contro	l	No
Fan Only		Yes
Fan Speeds Cool/	Fan	2/2
Air Delivery Max.	CFM	136
dB Level (hi/low)		55/51
Amps Cooling		4.0
Amps Heating		N/A
Maximum Fuse Si	ze	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.)	45
Dimensions (in.)	Height	12
	Width	16
	Depth	15 ⁷ / ₁₆

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

Cooling Capacity BTUH		5,000
Approx. Sq. Ft. Cooling		100-150
EER		11.2
Heating Capacity BTUH (electric)		N/A
Power Supply		115V 60Hz
Humidity Removal	l Pts/Hr	1.27
Ventilation Control	l	No
Fan Only		Yes
Fan Speeds Cool/	Fan	3/3
Air Delivery Max.	CFM	129
dB Level (hi/med/l	ow)	55/52/49
Amps Cooling		3.88
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.)		45
Dimensions (in.)	Height	12
	Width	16
	Depth	15 ⁷ / ₁₆



8,000 BTUH

Nominal



RAD-61L

6,000 BTUH

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



RADS-61M 6,000 BTUH
Nominal

- 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

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 BT	UH 6,000
Approx. Sq. Ft. Cool	ng 150-250
EER	9.7
Heating Capacity BTUH (electric)	N/A
Power Supply	115V 60Hz
Humidity Removal P	ts/Hr 1.48
Ventilation Control	No
Fan Only	Yes
Fan Speeds Cool/Fa	n 3/3
Air Delivery Max. CF	M 129
dB Level (hi/med/low	55/52/49
Amps Cooling	5.4
Amps Heating	N/A
Maximum Fuse Size	15A
Power Cord	15A Parallel NEMA 5-15P
Slide-Out Chassis	No
Window Mounting Ki	t Yes
Remote Control	Yes
In-Home Service	Yes
Shipping Weight (lbs	.) 43
Dimensions (in.) H	eight 12
W	idth 16
D	epth 15 ⁷ / ₁₆

SPECIFICATIONS

Cooling Capacity BTUH	6,000
Approx. Sq. Ft. Cooling	150-250
EER/CEER	11.2/11.0
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	148
dB Level (hi/med/low)	56/54/52
Amps Cooling	5.0
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.)	52
Dimensions (in.) Height	13 ⁷ / ₁₆
Width	18 ¹ / ₂
Depth	15 ³ / ₄

SPECIFICATIONS

Cooling Capacity BTUH	8,000
Approx. Sq. Ft. Cooling	300-350
EER	9.8
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	194
dB Level (hi/med/low)	59/56/52
Amps Cooling	7.4
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 ⁷ / ₁₆
Width	18 ¹ / ₂
Depth	15 ³ / ₄



RAD-81L

FEATURES

Cooling



RADS-81M 8,000 BTUH



RADS-101M 10,000 BTUH Nominal



RAD-121L 12,000 BTUH
Nominal

FEATURES

- Electronic controls with full feature remote and auto restart
- ENERGY STAR
- 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

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

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		8,000
Approx. Sq. Ft. C	ooling	300-350
EER/CEER		11.3/11.2
Heating Capacity BTUH (electric)		
Power Supply		115V 60Hz
Humidity Remova	ıl Pts/Hr	1.90
Ventilation Contro	ol	No
Fan Only		Yes
Fan Speeds Cool	/Fan	3/3
Air Delivery Max.	CFM	214
dB Level (hi/med/	low)	59/56/52
Amps Cooling		6.2
Amps Heating		N/A
Maximum Fuse S	ize	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.)		55
Dimensions (in.)	Height	13 ⁷ / ₁₆
	Width	18 ¹ / ₂
	Depth	15 ³ / ₄

SPECIFICATIONS

Cooling Capacity BTUH	10,000
Approx. Sq. Ft. Cooling	400-450
EER/CEER	11.3/11.2
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	285
dB Level (hi/med/low)	59/55/53
Amps Cooling	7.8
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 ⁵ /8
Width	19
Depth	21 ¹ / ₂

Cooling Capacity BTUH		12,000
Approx. Sq. Ft. Cooling		450-550
EER		9.8
Heating Capacity BTUH (electric)		N/A
Power Supply		115V 60Hz
Humidity Remova	l Pts/Hr	2.54
Ventilation Contro	l	Yes
Fan Only		Yes
Fan Speeds Cool	/Fan	3/3
Air Delivery Max.	CFM	288
dB Level (hi/med/	low)	61/57/54
Amps Cooling		11.0
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.)		73
Dimensions (in.)	Height	14 ⁵ /8
	Width	19
	Depth	21 ¹ / ₂



12,000 BTUH **RADS-121M** 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/CEER	11.3/11.2
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	288
dB Level (hi/med/low)	61/57/54
Amps Cooling	9.5
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.)	75
Dimensions (in.) Height	14 ⁵ /8
Width	19
Depth	21 ¹ / ₂



12,000 BTUH RADS-123M Nominal

FEATURES



- Four-way adjustable air direction
- · Easy-access, slide-out, washable filter
- One degree temperature adjustment
- Energy saver mode, 24-hour on/off timer, dehumidification

SPECIFICATIONS

Cooling Capacity BTUH	11,700/12,000
Approx. Sq. Ft. Cooling	450-550
EER/CEER	11.3/11.2
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	288
dB Level (hi/med/low)	60/58/55
Amps Cooling	5.1/4.7
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.)	77
Dimensions (in.) Height	14 ⁵ /8
Width	19
Depth	21 ¹ / ₂



RADS-151M 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

Cooling Capacity BTUH	15,100
Approx. Sq. Ft. Cooling	600-700
EER/CEER	11.2/11.1
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	382
dB Level (hi/med/low)	59/56/52
Amps Cooling	11.7
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.)	118
Dimensions (in.) Height	17 ¹⁵ / ₁₆
Width	235/8
Depth	25 ⁷ / ₁₆

Cooling



RADS-183M 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/CEER	11.2/11.2
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	446
dB Level (hi/med/low)	60/57/54
Amps Cooling	7.8/7.3
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.)	129
Dimensions (in.) Height	17 ¹⁵ / ₁₆
Width	23 ⁵ / ₈
Depth	25 ⁷ / ₁₆



RADS-223L 22,000 BTUH Nominal

FEATURES



- · 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	21,700/22,000
Approx. Sq. Ft. Cooling	1000-1300
EER	9.8
Heating Capacity BTUH (electric)	N/A
Power Supply	208/230V 60Hz
Humidity Removal Pts/Hr	4.86
Ventilation Control	Yes
Fan Only	Yes
Fan Speeds Cool/Fan	3/3
Air Delivery Max. CFM	529
dB Level (hi/med/low)	62/60/58
Amps Cooling	10.9/10.0
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.)	138
Dimensions (in.) Height	18 ⁵ / ₈
Width	26 ¹ / ₂
Depth	26 ¹ / ₂



RADS-253M 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

Cooling Capacity BTUH		24,700/25,000
Approx. Sq. Ft. Cooling		1400-1500
EER/CEER		9.8/9.8
Heating Capacity BTUH (electric)		N/A
Power Supply		208/230V 60Hz
Humidity Remova	l Pts/Hr	5.71
Ventilation Contro	ı	Yes
Fan Only		Yes
Fan Speeds Cool	/Fan	3/3
Air Delivery Max.	CFM	523
dB Level (hi/med/low)		63/61/58
Amps Cooling		12.4/11.3
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.)		145
Dimensions (in.)	Height	18 ⁵ /8
	Width	26 ¹ / ₂
	Depth	26 ¹ / ₂



RAD-283L 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
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	547
dB Level (hi/med/low)	63/61/58
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.)	154
Dimensions (in.) Height	18 ⁵ / ₈
Width	26 ¹ / ₂
Depth	261/2



REG-81M 8,000 BTUH Nominal

FEATURES

- Electronic controls with full feature remote, 24-hour on/off timer
- Energy saver mode, auto restart
- Four way adjustable air direction
- One degree temperature adjustment
- Designed for supplemental electric heat only, thermostat cycles heating element on and off

SPECIFICATIONS

Cooling Capacity BTUH	8,000
Approx. Sq. Ft. Cooling	300-350
EER/CEER	10.9/10.9
Heating Capacity BTUH (electric)	3,500
Power Supply	115V 60Hz
Humidity Removal Pts/Hr	1.48
Ventilation Control	Yes
Fan Only	Yes
Fan Speeds Cool/Heat/Fan	3/3/3
Air Delivery Max. CFM	277
dB Level (hi/med/low)	58/55/52
Amps Cooling	6.3
Amps Heating	11.6
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.)	82
Dimensions (in.) Height	16 ¹ / ₈
Width	22 ⁵ /8
Depth	23



REG-123M 12,000 BTUH Nominal

FEATURES

- Electronic controls with full feature remote, 24-hour on/off timer
- Energy saver mode, auto restart
- · Four way adjustable air direction
- One degree temperature adjustment
- Designed for supplemental electric heat only, thermostat cycles heating element on and off

Cooling Capacity BTUH	11,600/12,000
Approx. Sq. Ft. Cooling	450-550
EER/CEER	10.9/10.9
Heating Capacity BTUH (electric)	8,500/11,000
Power Supply	208/230V 60Hz
Humidity Removal Pts/Hr	2.54
Ventilation Control	Yes
Fan Only	Yes
Fan Speeds Cool/Heat/Fan	3/3/3
Air Delivery Max. CFM	279
dB Level (hi/med/low)	61/58/55
Amps Cooling	5.2/5.0
Amps Heating	16.0/14.5
Maximum Fuse Size	20A
Power Cord	20A Tee NEMA 6-20P
Slide-Out Chassis	No
Window Mounting Kit	Yes
Remote Control	Yes
In-Home Service	Yes
Shipping Weight (lbs.)	93
Dimensions (in.) Height	16 ¹ / ₈
Width	22 ⁵ / ₈
Depth	23

Cooling/Electric Heat



REG-183M 18,000 BTUH

FEATURES

- Electronic controls with full feature remote, 24-hour on/off timer
- Energy saver mode, auto restart
- · Four-way adjustable air direction
- One degree temperature adjustment
- Designed for supplemental electric heat only, thermostat cycles heating element on and off

SPECIFICATIONS

Cooling Capacity BTUH	18,200/18,500
Approx. Sq. Ft. Cooling	700-1000
EER/CEER	10.7/10.7
Heating Capacity BTUH (electric)	13,000/16,000
Power Supply	208/230V 60Hz
Humidity Removal Pts/Hr	3.80
Ventilation Control	Yes
Fan Only	Yes
Fan Speeds Cool/Heat/Fan	3/3/3
Air Delivery Max. CFM	446
dB Level (hi/med/low)	60/57/54
Amps Cooling	8.3/7.7
Amps Heating	22.0/20.0
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.)	131
Dimensions (in.) Height	17 ¹⁵ / ₁₆
Width	23 ⁵ / ₈
Depth	25 ⁷ / ₁₆



REG-183L-20A 18,000 Nominal BTUH

FEATURES

- Electronic controls with full feature remote, 24-hour on/off timer
- Energy saver mode, auto restart
- · Four-way adjustable air direction
- One degree temperature adjustment
- Designed for supplemental electric heat only, thermostat cycles heating element on and off

SPECIFICATIONS

Cooling Capacity BTUH	18,200/18,500
Approx. Sq. Ft. Cooling	700-1000
EER	9.7
Heating Capacity BTUH (electric)	9,100/11,200
Power Supply	208/230V 60Hz
Humidity Removal Pts/Hr	3.80
Ventilation Control	Yes
Fan Only	Yes
Fan Speeds Cool/Heat/Fan	3/3/3
Air Delivery Max. CFM	447
dB Level (hi/med/low)	60/57/56
Amps Cooling	9.1/8.4
Amps Heating	16.0/14.8
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.)	127
Dimensions (in.) Height	17 ¹⁵ / ₁₆
Width	23 ⁵ /8
Depth	25 ⁷ / ₁₆



REG-253M 25,000 BTUH

FEATURES

- Electronic controls with full feature remote, 24-hour on/off timer
- · Energy saver mode, auto restart
- · Four-way adjustable air direction
- · One degree temperature adjustment
- Designed for supplemental electric heat only, thermostat cycles heating element on and off

Cooling Capacity BTUH		24,700/25,000
Approx. Sq. Ft. Cooling		1400-1500
EER/CEER		9.4/9.4
Heating Capacity BTUH (electric)		13,000/16,000
Power Supply		208/230V 60Hz
Humidity Removal P	ts/Hr	5.71
Ventilation Control		Yes
Fan Only		Yes
Fan Speeds Cool/Hea	at/Fan	3/3/3
Air Delivery Max. CF	М	523
dB Level (hi/med/lov	v)	63/61/58
Amps Cooling		12.4/11.3
Amps Heating		22.5/20.0
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.)		147
Dimensions (in.)	leight	18 ⁵ / ₈
V	Vidth	26 ¹ / ₂
D	epth	26 ¹ / ₂







BG-81M

8,000 BTUH Nominal **BG-101L**

10,000 BTUH Nominal BG-103L 10,000 BTUH

FEATURES

 Electronic controls with full feature remote and auto restart



- · Four-way adjustable air direction
- Energy saver function and 24-hour on/off timer
- Auto and sleep modes
- · Interior trim kit included
- · Fits standard wall sleeves

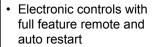
FEATURES

 Electronic controls with full feature remote and auto restart



- Four-way adjustable air direction
- Energy saver function and 24-hour on/off timer
- · Interior trim kit included
- · Fits standard wall sleeves
- · Auto and sleep modes

FEATURES





- · Four-way adjustable air direction
- Energy saver function and 24-hour on/off timer
- · Interior trim kit included
- · Fits standard wall sleeves
- · Auto and sleep modes

SPECIFICATIONS

Cooling Capacity BTUH		8,000
Approx. Sq. Ft. C	ooling	300-350
EER/CEER		9.8/9.7
Heating Capacity BTUH (electric)		N/A
Power Supply		115V 60Hz
Humidity Remova	ıl Pts/Hr	1.90
Ventilation Contro	ol	No
Fan Only		Yes
Fan Speeds Cool	/Fan	3/3
Air Delivery Max.	CFM	270
dB Level (hi/med/	low)	57/54/52
Amps Cooling		7.8
Amps Heating		N/A
Maximum Fuse Size		15A
Power Cord		15A Parallel NEMA 5-15P
Slide-Out Chassis		No
Interior Trim Kit		Yes
Remote Control		Yes
In-Home Service		Yes
Shipping Weight (lbs.)		76
Dimensions (in.)	Height	14 ¹ / ₂
	Width	24 ¹ / ₄
	Depth	20 ⁵ / ₁₆

SPECIFICATIONS

Cooling Capacity BTUH	10,000
Approx. Sq. Ft. Cooling	400-450
EER	9.8
Heating Capacity BTUH (electric)	N/A
Power Supply	115V 60Hz
Humidity Removal Pts/Hr	2.32
Ventilation Control	No
Fan Only	Yes
Fan Speeds Cool/Fan	3/3
Air Delivery Max. CFM	285
dB Level (hi/med/low)	57/53/49
Amps Cooling	9.8
Amps Heating	N/A
Maximum Fuse Size	15A
Power Cord	15A Parallel NEMA 5-15P
Slide-Out Chassis	No
Interior Trim Kit	Yes
Remote Control	Yes
In-Home Service	Yes
Shipping Weight (lbs.)	72
Dimensions (in.) Height	14 ¹ / ₂
Width	24 ¹ / ₄
Depth	20 ⁵ / ₁₆

Cooling Capacity BTUH	9,800/10,000
Approx. Sq. Ft. Cooling	400-450
EER	9.8
Heating Capacity BTUH (electric)	N/A
Power Supply	208/230V 60Hz
Humidity Removal Pts/Hr	2.32
Ventilation Control	No
Fan Only	Yes
Fan Speeds Cool/Fan	3/3
Air Delivery Max. CFM	288
dB Level (hi/med/low)	61/58/56
Amps Cooling	5.0/4.6
Amps Heating	N/A
Maximum Fuse Size	15A
Power Cord	15A Tandem NEMA 6-15P
Slide-Out Chassis	No
Interior Trim Kit	Yes
Remote Control	Yes
In-Home Service	Yes
Shipping Weight (lbs.)	78
Dimensions (in.) Height	141/2
Width	24 ¹ / ₄
Depth	20 ⁵ / ₁₆







BG-123L 12,000 BTUH **Nominal**



BG-143M 14,000 BTUH

· Electronic controls with full feature

Four-way adjustable air direction

• 24-hour on/off timer, auto cool and

FEATURES

- Electronic controls with full feature remote and auto restart
- · Four-way adjustable air direction
- Energy saver function and 24-hour on/off timer
- · Interior trim kit included
- · Fits standard wall sleeves
- · Auto and sleep modes

FEATURES

· Electronic controls with full feature remote and auto restart



- Energy saver function and 24-hour on/off timer
- · Fits standard wall sleeves
- · Auto and sleep modes

- Four-way adjustable air direction
- · Interior trim kit included

· Interior trim kit included

sleep mode

remote, auto restart

FEATURES

- · Fits standard wall sleeves
- · Auto cool, auto mode, dehum only

SPECIFICATIONS

Cooling Capacity BTUH		12,000
Approx. Sq. Ft. Cooling		450-550
EER/CEER		9.8/9.7
Heating Capacity BTUH (electric)		N/A
Power Supply		115V 60Hz
Humidity Remova	l Pts/Hr	2.54
Ventilation Contro	I	No
Fan Only		Yes
Fan Speeds Cool	/Fan	3/3
Air Delivery Max. CFM		286
dB Level (hi/med/low)		61/59/56
Amps Cooling		11.5
Amps Heating		N/A
Maximum Fuse Size		15A
Power Cord		15A Parallel NEMA 5-15P
Slide-Out Chassis		No
Interior Trim Kit		Yes
Remote Control		Yes
In-Home Service		Yes
Shipping Weight (lbs.)		86
Dimensions (in.)	Height	14 ¹ / ₂
	Width	24 ¹ / ₄
	Depth	20 ⁵ / ₁₆

SPECIFICATIONS

Cooling Capacity BTUH	11,700/12,000
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	No
Fan Only	Yes
Fan Speeds Cool/Fan	3/3
Air Delivery Max. CFM	288
dB Level (hi/med/low)	61/59/57
Amps Cooling	5.9/5.5
Amps Heating	N/A
Maximum Fuse Size	15A
Power Cord	15A Tandem NEMA 6-15P
Slide-Out Chassis	No
Interior Trim Kit	Yes
Remote Control	Yes
In-Home Service	Yes
Shipping Weight (lbs.)	82
Dimensions (in.) Height	14 ¹ / ₂
Width	24 ¹ / ₄
Depth	20 ⁵ / ₁₆

Cooling Capacity BTUH		13,600/14,000
Approx. Sq. Ft. Cooling		550-700
EER/CEER		9.3/9.3
Heating Capacity BTUH (electric)		N/A
Power Supply		208/230V 60Hz
Humidity Removal	Pts/Hr	2.96
Ventilation Control	1	No
Fan Only		Yes
Fan Speeds Cool/	Fan	3/3
Air Delivery Max.	CFM	296
dB Level (hi/med/l	ow)	61/60/59
Amps Cooling		7.5/6.9
Amps Heating		N/A
Maximum Fuse Size		15A
Power Cord		15A Tandem NEMA 6-15P
Slide-Out Chassis		No
Interior Trim Kit		Yes
Remote Control		Yes
In-Home Service		Yes
Shipping Weight (lbs.)		89
Dimensions (in.)	Height	14 ¹ / ₂
	Width	24 ¹ / ₄
	Depth	20 ⁵ / ₁₆

Thru-the-Wall with Electric Heat







BGE-123M 12,000 BTUH
Nominal



BGE-143K 14,000 BTUH
Nominal

FEATURES

- Electronic controls with full feature remote
- Four-way adjustable air direction
- Energy saver function, 24-hour on/off timer, auto cool and auto restart
- · Interior trim kit included
- · Fits standard wall sleeves
- · Includes electric heat

SPECIFICATIONS

Cooling Capacity BTUH	9,800/10,000
Approx. Sq. Ft. Cooling	400-450
EER/CEER	9.6/9.6
Heating Capacity BTUH (electric)	8,600/10,600
Power Supply	208/230V 60Hz
Humidity Removal Pts/Hr	2.32
Ventilation Control	No
Fan Only	Yes
Fan Speeds Cool/Heat/Fan	3/3/3
Air Delivery Max. CFM	269
dB Level (hi/med/low)	57/55/53
Amps Cooling	5.4/5.0
Amps Heating	15.0/13.5
Maximum Fuse Size	20A
Power Cord	20A Tandem NEMA 6-20P
Slide-Out Chassis	No
Interior Trim Kit	Yes
Remote Control	Yes
In-Home Service	Yes
Shipping Weight (lbs.)	85
Dimensions (in.) Height	14 ¹ / ₂
Width	24 ¹ / ₄
Depth	20 ⁵ / ₁₆

FEATURES

- Electronic controls with full feature remote
- Four-way adjustable air direction
- Energy saver function, 24-hour on/off timer, auto cool and auto restart

Cooling Capacity BTUH 11,700/12,000

- · Interior trim kit included
- · Fits standard wall sleeves
- · Includes electric heat

SPECIFICATIONS

Cooling Capacity B1011	11,700/12,000
Approx. Sq. Ft. Cooling	450-550
EER/CEER	9.5/9.5
Heating Capacity BTUH (electric)	8,600/10,600
Power Supply	208/230V 60Hz
Humidity Removal Pts/Hr	2.54
Ventilation Control	No
Fan Only	Yes
Fan Speeds Cool/Heat/Fan	3/3/3
Air Delivery Max. CFM	286
dB Level (hi/med/low)	61/59/57
Amps Cooling	5.9/5.5
Amps Heating	15.0/13.5
Maximum Fuse Size	20A
Power Cord	20A Tandem NEMA 6-20P
Slide-Out Chassis	No
Interior Trim Kit	Yes
Remote Control	Yes
In-Home Service	Yes
Shipping Weight (lbs.)	89
Dimensions (in.) Height	14 ¹ / ₂
Width	24 ¹ / ₄
Depth	20 ⁵ / ₁₆

FEATURES

- Electronic controls with full feature remote
- Four-way adjustable air direction
- Energy saver function, 24-hour on/off timer, auto cool and auto restart
- · Interior trim kit included
- · Fits standard wall sleeves
- · Includes electric heat

Cooling Capacity BTUH	13,600/14,000
Approx. Sq. Ft. Cooling	550-700
EER	8.5
Heating Capacity BTUH (electric)	8,600/10,600
Power Supply	208/230V 60Hz
Humidity Removal Pts/Hr	2.96
Ventilation Control	No
Fan Only	Yes
Fan Speeds Cool/Heat/Fan	3/3/3
Air Delivery Max. CFM	312
dB Level (hi/med/low)	62/60/58
Amps Cooling	8.3/7.4
Amps Heating	15.0/13.5
Maximum Fuse Size	20A
Power Cord	20A Tandem NEMA 6-20P
Slide-Out Chassis	No
Interior Trim Kit	Yes
Remote Control	Yes
In-Home Service	Yes
Shipping Weight (lbs.)	84
Dimensions (in.) Height	14 ¹ / ₂
Width	24 ¹ / ₄
Depth	205/16



RAH-123M 12,000 BTUH

FEATURES

- · Electronic controls, wireless remote
- Sleep mode and 24-hour timer
- Thru-the-wall or window mount with support bracket included
- Cooling, heating, fan only and auto operation, energy saver mode
- Switches to supplemental electric heat at 40°F outside temperature

SPECIFICATIONS

Cooling Capacity BTUH	
0 , ,	
Approx. Sq. Ft. Cooling	
	9.9
	208/230V 60Hz
	5.3/5.1
. BTUH	9,400/12,200
s	15.6/13.3
UH	9,900/10,200
	5.3/5.1
	2.6
ıl Pts/Hr	3.17
/Heat/Fan	3/3/3
dB Level (hi/med/low)	
Ventilation Control	
Fan Only	
Air Delivery Max. CFM	
Maximum Fuse Size	
Power Cord	
Slide-Out Chassis	
Window Mounting Kit	
In-Home Service	
Shipping Weight (lbs.)	
Height	16 ¹ / ₈
Width	22 ⁵ / ₈
Depth	23
	BTUH BSUH I Pts/Hr /Heat/Fan Iow) I CFM ize Kit Ibs.) Height Width



RAH-183M 18,000 BTUH Nominal

FEATURES

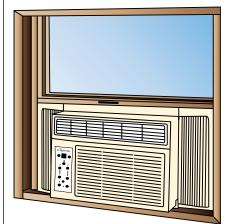
- · Electronic controls, wireless remote
- · Automatic louver swing
- Thru-the-wall or window mount with support bracket included
- Cooling, heating, fan only, energy saver mode. and 24-hour timer
- Switches to supplemental electric heat at 40°F outside temperature

SPECIFICATIONS

Cooling Capacity BTUH	17,000/17,300
Approx. Sq. Ft. Cooling	700-1000
EER	9.9
Power Supply	208/230V 60Hz
Amps Cooling	7.8/7.3
Electric Heat Cap. BTUH	10,300/12,500
Electric Heat Amps	16.0/14.6
HP Heat Cap. BTUH	14,000/14,300
Heat Pump Amps	7.0/6.5
Heat Pump COP	2.64
Humidity Removal Pts/Hr	4.65
Fan Speeds Cool/Heat/Fan	3/3/3
dB Level (hi/med/low)	72/70/68
Ventilation Control	Yes
Fan Only	Yes
Air Delivery Max. CFM	541
Maximum Fuse Size	20A
Power Cord	20A Tee NEMA 6-20P
Slide-Out Chassis	Yes
Window Mounting Kit	Yes
In-Home Service	Yes
Shipping Weight (lbs.)	159
Dimensions (in.) Height	18 ⁵ /8
Width	26 ¹ / ₂
Depth	26 ¹ / ₂

When you look at your window-mount air conditioner, you will see louvers on the sides and/or top. These are designed to bring in fresh air that is then directed across the coils inside the unit. It is important that the air conditioner be correctly installed, especially leaving the side louvers and back grille unobstructed.

The chart on the last pages of this catalog shows the maximum thickness of the wall through which the air conditioner should be installed. These widths assure that the side or top louvers will be unobstructed so that adequate fresh air is available for heat transfer to occur.



Double Hung Window

Each carton shows the minimum and maximum size of the window in which that specific unit will fit.

Measure the width of the window opening and the maximum height when the window is open to determine if the unit you've chosen will fit the available window, in addition to checking the wall thickness.

Window-mount air conditioners come with adjustable side panels that slide open to completely fill the window opening; allow 3 to 4 inches of width for the accordian-type side panels to open. The window sash closes onto the bracket located on the top of the air conditioner.

IMPORTANT: Because so much of the weight of the air conditioner is on the outside, it is necessary to have a support bracket installed for safety. See page 6 for details on our two sizes of support brackets.

8,000 to 12,000 BTUH



CD-81M

8,000 BTUH **Nominal**

FEATURES

- windows, fits opening 205/16" to 39⁷/₁₆" high, starting at 15¹/₂" wide

10,000



CD-101M 10,000 BTUH **Nominal**



CD-121L 12,000 BTUH Nominal

FEATURES

- · For horizontal sliding or casement windows, fits opening 205/16" to 397/16" high, starting at 151/2" wide
- · Electronic controls and remote
- Four-way adjustable air direction
- · Energy saver mode and 24-hour on/off timer, auto restart

SPECIFICATIONS

Cooling Capacity BTUH		8,000
Approx. Sq. Ft. Cooling		300-350
EER/CEER		10.9/10.8
Heating Capacity BTUH (electric)		N/A
Power Supply		115V 60Hz
Humidity Remova	l Pts/Hr	1.9
Ventilation Contro	I	Yes
Fan Only		Yes
Fan Speeds Cool	/Fan	3/3
Air Delivery Max. CFM		264
dB Level (hi/med/low)		54/51/48
Amps Cooling		6.6
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.)		82
Dimensions (in.)	Height	20 ¹⁵ / ₁₆
	Width	14 ⁵ / ₈
	Depth	23 ¹ / ₂

- For horizontal sliding or casement
- · Electronic controls and remote
- Four-way adjustable air direction
- Energy saver mode and 24-hour on/off timer, auto restart

SPECIFICATIONS

Cooling Capacity BTUH

400-450
10.4/10.4
N/A
115V 60Hz
2.32
Yes
Yes
3/3
323
61/58/56
8.5
N/A
15A
15A Parallel NEMA 5-15P
No
Yes
Yes
Yes
85
20 ¹⁵ / ₁₆
14 ⁵ /8
23 ¹ / ₂

FEATURES

- For horizontal sliding or casement windows, fits opening 20⁵/16" to $39^{7}/_{16}$ " high, starting at $15^{1}/_{2}$ " wide
- · Electronic controls and remote
- Four-way adjustable air direction
- Energy saver mode and 24-hour on/off timer, auto restart

Cooling Capacity BTUH		12,000
Approx. Sq. Ft. Cooling		450-550
EER		9.5
Heating Capacity BTUH (electric)		N/A
Power Supply		115V 60Hz
Humidity Remova	l Pts/Hr	2.54
Ventilation Contro	l	Yes
Fan Only		Yes
Fan Speeds Cool/	Fan	3/3
Air Delivery Max. CFM		312
dB Level (hi/med/low)		61/59/56
Amps Cooling		11.6
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.)		91
Dimensions (in.)	Height	20 ¹⁵ / ₁₆
	Width	14 ⁵ /8
	Depth	231/2

Portable Cooling & Heating



PS-81A

8,000 BTUH Nominal

FEATURES

- Cool a room without any ductwork or any special wiring, and move the unit from room to room as needed
- Ideal wherever temporary cooling is needed or where a window A/C isn't an option
- · Built-in condensate disposal
- 48" single hose for fast installation
- · Automatic louver swing
- · Washable filter is easily accessed
- 24-hour on/off timer, auto restart
- ASHRAE Standard 128-2001

SPECIFICATIONS

Cooling Capacity BTUH	8,100
Approx. Sq. Ft. Cooling	300-350
EER	8.9
Refrigerant	R-410A
Power Supply	115V 60Hz
Humidity Removal Pts/Hr.	1.90
Fan Only	Yes
Fan Speeds Cool/Fan	3/3
Air Delivery Max. CFM	198
Amps Cooling	8.2
dB Level (hi/low)	49/46/43
Maximum Fuse Size	15A
Power Cord	15A Parallel NEMA 5-15P
Slide-Out Chassis	N/A
Window Mounting Kit	Yes
Remote Control	Yes
In-Home Service	No
Shipping Weight (lbs.)	63
Dimensions (in.) Height	27 ¹³ / ₁₆
Width	16 ¹⁵ / ₁₆
Depth	13 ⁵ / ₁₆



PS-101A

10,000 BTUH
Nominal

FEATURES

- Cool a room without any ductwork or any special wiring, and move the unit from room to room as needed
- Ideal wherever temporary cooling is needed or where a window A/C isn't an option
- · Built-in condensate disposal
- 48" single hose for fast installation
- · Automatic louver swing
- · Washable filter is easily accessed
- 24-hour on/off timer, auto restart
- ASHRAE Standard 128-2001

SPECIFICATIONS

Cooling Capacity BTUH	10,000		
Approx. Sq. Ft. Cooling	400-450		
EER	8.9		
Refrigerant	R-410A		
Power Supply	115V 60Hz		
Humidity Removal Pts/Hr.	1.90		
Fan Only	Yes		
Fan Speeds Cool/Fan	3/3		
Air Delivery Max. CFM	217		
Amps Cooling	10.0		
dB Level (hi/low)	56/53/50		
Maximum Fuse Size	15A		
Power Cord	15A Parallel NEMA 5-15P		
Slide-Out Chassis	N/A		
Window Mounting Kit	Yes		
Remote Control	Yes		
In-Home Service	No		
Shipping Weight (lbs.)	72		
Dimensions (in.) Height	27 ¹³ / ₁₆		
Width	16 ¹⁵ / ₁₆		
Depth	13 ⁵ / ₁₆		

8,000 to 12,000 BTUH



PS-121A

12,000 BTUH Nominal

FEATURES

- Cool a room without any ductwork or any special wiring, and move the unit from room to room as needed
- Ideal wherever temporary cooling is needed or where a window A/C isn't an option
- · Built-in condensate disposal
- 48" single hose for fast installation
- · Automatic louver swing
- Washable filter is easily accessed
- 24-hour on/off timer, auto restart
- ASHRAE Standard 128-2001

Cooling Capacity BTUH	12,000		
Approx. Sq. Ft. Cooling	450-550		
EER	8.9		
Refrigerant	R-410A		
Power Supply	115V 60Hz		
Humidity Removal Pts/Hr.	2.54		
Fan Only	Yes		
Fan Speeds Cool/Fan	3/3		
Air Delivery Max. CFM	258		
Amps Cooling	11.9		
dB Level (hi/low)	53/50/47		
Maximum Fuse Size	15A		
Power Cord	15A Parallel NEMA 5-15P		
Slide-Out Chassis	N/A		
Window Mounting Kit	Yes		
Remote Control	Yes		
In-Home Service	No		
Shipping Weight (lbs.)	72		
Dimensions (in.) Height	27 ¹³ / ₁₆		
Width	16 ¹⁵ / ₁₆		
Depth	13 ⁵ / ₁₆		

14,000 BTUH



PSH-141A 14,000 BTUH
Nominal

FEATURES

- Cool or heat a room without ductwork or special wiring, and move from room to room as needed
- Ideal wherever temporary cooling or heating is needed
- · Built-in condensate disposal
- · Automatic louver swing
- · 48" single hose for fast installation
- · Washable filter is easily accessed
- 24-hour on/off timer, auto restart
- ASHRAE Standard 128-2001

SPECIFICATIONS

Cooling Capacity BTUH	14,000		
Approx. Sq. Ft. Cooling	550-700		
EER	8.9		
Heating Capacity BTUH	11,000		
COP	2.6		
Power Supply	115V 60Hz		
Humidity Removal Pts/Hr.	2.96		
Fan Only	Yes		
Fan Speeds Cool/Heat/Fan	3/3		
Air Delivery Max. CFM	297		
Amps Cooling	11.9		
Amps Heating	10.8		
dB Level (hi/low)	55/54/53		
Maximum Fuse Size	15A		
Power Cord	15A Parallel NEMA 5-15P		
Window Mounting Kit	Yes		
Remote Control	Yes		
In-Home Service	No		
Shipping Weight (lbs.)	83		
Dimensions (in.) Height	30 ¹³ / ₁₆		
Width	18 ³ / ₈		
Depth	15 ¹ / ₂		

Portable Dehumidifiers

- Automatic Water Level Shut-Off—When the drain bucket is full, the unit automatically shuts off
- Drain Options—Condensed water can be collected in the removable bucket that has a convenient handle, or continuously drained using an adapter
- **BHDP Models**—Built-in pump quickly and effectively removes condensate
- Easy to Use Controls—All controls are located on the top of the unit so they're easy to see and adjust; actual room humidity/relative humidity set point is displayed
- Auto Restart—Automatically resumes operation after a power outage

 Slide-Out Filter—can be cleaned and reused; check filter light is a reminder when it's time for cleaning

•	

30, 50, 70 pint sizes



95 pint size

	BHD- 301-H	BHD- 501-H	BHD- 701-H	BHDP-501-H	BHDP-701-H	BHDP-951-H
Pts/Day	30	50	70	50	70	95
Input Amps	3.0	4.7	6.9	4.7	6.9	6.8
Bucket Cap.	6.3 pts	12.7 pts	12.7 pts	12.7 pts	12.7 pts	21.1 pts
Built-in Pump	-	ı	-	Yes	Yes	Yes
Energy Star®	Yes	Yes	Yes	Yes	Yes	No
Sound (dBa)	56/54	58.5/56.5	58.5/56.5	55	55	54/37
Height (in.)	20 ¹ /8	231/4	231/4	231/4	231/4	24
Width (in.)	14 ³ / ₄	15 ³ /8	15³/ ₈	15³/8	15 ³ /8	18 ⁷ /8
Depth (in.)	97/8	10 ¹³ / ₁₆	14 ¹ / ₄			
Ship Wt lbs.	30.9	38.6	41.9	39.6	42.9	61.9

Ductless Mini-Splits





Inverter Technology

D Series 15 SEER

Single Zone Cooling only & HPs 9,000 - 24,000 BTUH

Cooling only	DVC09SD-0	DVC12SD-0	DVC18SD-1	DVC24SD-1
BTUH	9,000	12,000	18,000	22,000
Heat Pump	DVH09SD-0	DVH12SD-0	DVH18SD-1	DVH24SD-1
BTUH clg/htg	9,000/9,000	12,000/12,000	18,000/18,000	22,000/22,000





Up to 24.4 SEER



V Series Single Zone Heat Pumps 9,000 - 36,000 BTUH

+ Models are Energy Star® compliant

VMH09SD-0 ⁺	VMH12SD-0 ⁺	VMH09SD-1 ⁺	VMH12SD-1+	VMH18SD-1 ⁺	VMH24SD-1 ⁺	VMH30SC-1	VMH36SC-1
9,000/	12,000/	9,000/	11,500/	17,500/	23,000/	30,000/	36,000/
10,000*	12,000*	11,500*	12,000*	18,000*	24,000*	30,000*	36,000*

*BTUH Cooling/Heating

Ductless Mini-Split Systems

Multi-Zone Mini-Split Heat Pumps—Inverter Technology

Cool and heat one to five separate rooms or areas, depending on the capacity of the outdoor unit. Each zone has an independently controlled air handler with remote; ceiling cassettes and ducted units also have a wired wall thermostat. Built with enhanced filtration, quiet operation, multiple modes, low ambient cooling and "Follow" function.

Mix 'n' match indoor units

May be sized up to 150% of outdoor unit capacity, but may not provide full capacity for all indoor units. Total capacity of all indoor units should not be less than 50% of the outdoor unit's capacity.



Floor & Ceiling Console

Mix & match indoor units up to maximum capacity of outdoor condenser!

Outdoor Unit	System Capacity BTUH Cooling/Heating
A-VFH18DA-1	18,000 cool, 19,000 heat, HSPF 8.2
A-VFH24TA-1	26,000 cool, 29,000 heat, HSPF 8.2
A-VFH30QA-1	29,000 cool, 30,400 heat, HSPF 8.2
A-VFH36QA-1	34,000 cool, 35,800 heat, HSPF 8.2
A-VFH42PA-1	40,000 cool, 44,500 heat, HSPF 8.2
High Wall Mount Indoor	Capacity BTUH per unit
B-VFH09MA-1	9,000 cool, 9,800 heat, 430 max. CFM
B-VFH12MA-1	12,000 cool, 13,000 heat, 453 max. CFM
B-VFH18MA-1	18,000 cool, 19,000 heat, 588 max. CFM
Indoor Ceiling Cassette	Capacity BTUH per unit
B-VFH12CA-1	12,000 cool, 13,000 heat, 353 max. CFM
B-VFH18CA-1	14,400 cool, 16,000 heat, 353 max. CFM
B-VFH24CA-1	22,800 cool, 27,400 heat, 694 max. CFM
Front Panels	C-VFH1218CA—12K & 18K; C-VFH24CA—24K

Ducted Unit	Capacity BTUH per unit
B-VFH09DA-1	8,500 cool, 9,500 heat, 265 max. CFM
B-VFH12DA-1	11,900 cool, 13,100 heat, 324 max. CFM
B-VFH18DA-1	15,300 cool, 18,700 heat, 412 max. CFM
B-VFH21DA-1	20,400 cool, 22,600 heat, 588 max. CFM
B-VFH24DA-1	22,800 cool, 27,400 heat, 588 max. CFM
Floor/Wall Console Indoor	Capacity BTUH per unit
B-VFH09FA-1	9,000 cool, 9,500 heat, 383 max. CFM
B-VFH12FA-1	12,000 cool, 13,000 heat, 441 max. CFM
B-VFH18FA-1	18,000 cool, 19,000 heat, 494 max. CFM
Floor/Ceiling Indoor Unit	Capacity BTUH per unit
B-VFH09UA-1	8,500 cool, 9,500 heat, 383 max. CFM
B-VFH12UA-1	11,900 cool, 13,100 heat, 383 max. CFM
B-VFH18UA-1	17,000 cool, 18,700 heat, 559 max. CFM
B-VFH24UA-1	22,800 cool, 27,400 heat, 736 max. CFM

Mini-splits are the ideal solution for areas where adding ductwork is too expensive or impractical, such as older homes, additions, sunrooms, warehouse office spaces, computer rooms, sports arena skyboxes, and more. Comfort-Aire offers a complete line of ductless mini-splits, including high efficiency single zone and multi-zone units that allow each room to be individually controlled to meet specific requirements and save energy when the room isn't being used:

- Single Zone—9,000 to 24,000 BTUH, one outdoor unit and one indoor air handler, one remote control. cooling only and heat pump models. Inverter technology
- Single Zone Inverter—9,000 to 36,000 BTUH, one outdoor unit and one indoor air handler, one remote control; inverter technology. Heat pump only.
- Multi-Zone Inverter—Mix and match indoor units to condition 1 up to 5 zones (depending on capacity of outside model); 18,000 to 42,000 BTUH. Inverter technology. Available in heat pump only. One remote included for each indoor unit.

PTACs—A/C and Heat Pump

- Condensate Dispersal System—"Slinger" system throws condensation onto the condenser coil for evaporation
- Electronic Thermostat Control—LED display makes it easy to select set point
- Modes—Cool, fan only and auto; heat pump models alternate between reverse cycle heat mode and electric heat mode
- Compressor Restart Time Delay—Prevents short cycling of the compressor
- Freeze Protection—Automatically activated when needed to keep the evaporator from freezing
- **Memory**—Restarts operation in the mode that was operating when power was lost
- Fits Most Wall Sleeves—Matching wall sleeve and grille available as optional accessories
- Electric Heat—Designed for supplemental heating only, automatically switches to electric heat when the temperature reaches 44° F or below

Also available in 265V models, see brochure CA-PT-15A



208/230V COOLING ONLY WITH ELECTRIC HEAT

FEATURE	PTAC07A130A	PTAC09A130A	PTAC12A130A	PTAC12A150A	PTAC15A130A	PTAC15A150A
Cooling BTUH	7,000/7,200	9,000/9,200	12,000/12,200	12,000/12,200	15,000/15,200	15,000/15,200
EER	11.97	11.32	10.43	10.43	9.55	9.55
Cooling Amps	2.8/2.6	3.8/3.5	5.5/5.1	5.5/5.1	7.5/6.9	7.5/6.9
Max. Current Amps	3.6	5.1	6.5	6.5	8.9	8.9
Cooling Watts	585/600	795/810	1150/1170	1150/1170	1570/1590	1570/1590
Electric Heater kW	3.0	3.0	3.0	5.0	3.0	5.0
Elec. Heat BTUH	10236	10236	10236	10236	17060	17060
Dehum. Pts/Hr	.63	1.06	2.54	2.54	3.17	3.17
Airflow CFM	352/323	352/323	405/333	405/333	405/333	405/333
Indoor Sound Max dB	43/35	43/35	44/36	44/36	44/36	44/36
Out. Sound Max dB	68	68	68	68	68	68
Net Wt./Shipping Wt.	97/110	106/119	108/121	108/121	110/123	110/123

208/230V HEAT PUMP WITH ELECTRIC HEAT

FEATURE	PTHP07A130A	PTHP09A130A	PTHP12A130A	PTHP12A150A	PTHP15A130A	PTHP15A150A
Cooling BTUH	7,000/7,200	9,000/9,200	12,000/12,200	12,000/12,200	15,000/15,200	15,000/15,200
EER	11.97	11.32	10.43	10.43	9.55	9.55
Cooling Amps	2.8/2.6	3.8/3.5	5.5/5.1	5.5/5.1	7.5/6.9	7.5/6.9
Max. Current Amps	3.6	5.1	6.5	6.5	8.9	8.9
Cooling Watts	585/600	795/810	1150/1170	1150/1170	1570/1590	1570/1590
Heat Pump BTUH	6,000/6,200	8,000/8,200	11,000/11,200	11,000/11,200	14,000/14,200	14,000/14,200
C.O.P.	3.35	3.33	3.15	3.15	3.0	3.0
Heating Amps	2.5/2.3	3.9/3.1	4.9/4.5	4.9/4.5	6.6/6.0	6.6/6.0
Heating Watts	525/540	705/720	1025/1040	1025/1040	1370/1385	1370/1385
Electric Heater kW	3.0	3.0	3.0	5.0	3.0	5.0
Elec. Heat BTUH	10236	10236	10236	10236	17060	17060
Dehum. Pts/Hr	.63	1.06	2.54	2.54	3.17	3.17
Airflow CFM	352/323	352/323	405/333	405/333	405/333	405/333
Indoor Sound Max dB	43/35	43/35	44/36	44/36	44/36	44/36
Out. Sound Max dB	68	68	68	68	68	68
Net Wt./Shipping Wt.	99/112	108/121	110/123	110/123	112/126	112/126

POWER CORD Configurations



15 AMP 230V TANDEM

A 5-15P

6-15P





Sizing Guidelines

Use the chart below as a quick reference in determining which unit(s) will fit your needs

Square Feet to be conditioned	Square Meters to be conditioned	Capacity Needed (BTUH)
100 - 150	9.3 - 13.9	5,000
150 - 250	13.9 - 23.2	6,000
250 - 300	23.2 - 27.9	7,000
300 - 350	27.9 - 32.5	8,000
350 - 400	32.5 - 37.2	9,000
400 - 450	37.2 - 41.8	10,000
450 - 550	41.8 - 51.1	12,000
550 - 700	51.1 - 65.1	14,000
700 - 1,000	65.1 - 92.9	18,000
1,000 - 1,200	92.9 - 111.5	21,000
1,200 - 1,400	111.5 - 130.1	23,000
1,400 - 1,500	130.1 - 139.4	25,000
1,500 - 2,000	139.4 - 185.8	30,000

Guidelines from www.energystar.gov

Energy Star recommends increasing capacity by 10% for a sunny room, decreasing by 10% for shaded room.

If used in a kitchen, add 4,000 BTUHs to the total.

If more than two people regularly use the room, add 600 BTUH for each additional person.

IMPORTANT!

Always wait to cut an opening until the unit arrives and dimensions can be verified.



Speci	ficatio	£r.		val			
Model	Cooling Capacity BTU/Hr	Approx. Sq. Ft. Cooling E E R /CEER		Heating Capacity BTUH (electric)	Electric (Volts)	Humidity Remo Pints/Hr	Remote Control
		DLING 5,0	00 to 10	,000 BTUH		115	
RG-51M	5,000	100-150	11.1/11.0	N/A	115	1.27	No
RADS-51L*	5,000	100-150	11.2	N/A	115	1.27	Yes
RAD-61L	6,000	150-250	9.7	N/A	115	1.48	Yes
RADS-61M*	6,000	150-250	11.2/11.0	N/A	115	1.48	Yes
RAD-81L	8,000	300-350	9.8	N/A	115	1.90	Yes
RADS-81M*	8,000	300-350	11.3/11.2	N/A	115	1.90	Yes
RADS-101M*	10,000	400-450	11.3/11.3	N/A	115	2.32	Yes
	COO	LING 12,	000 to 36	6,600 BTUH			
RAD-121L	12,000	450-550	9.8	N/A	115	2.54	Yes
RADS-121M*	12,000	450-550	11.3/11.2	N/A	115	2.54	Yes
RADS-123M*	11,700/12,000	450-550	11.11.2	N/A	208/230	2.54	Yes
RADS-151M*	15,000	600-700	11.2/11.1	N/A	115	3.17	Yes
RADS-183M*	18,200/18,500	700-1000	11.2/11.2	N/A	208/230	3.80	Yes
RADS-223L*	21,700/22,000	1000-1300	9.8	N/A	208/230	4.86	Yes
RADS-253M*	24,700/25,000	1400-1500	9.8/9.8	N/A	208/230	5.71	Yes
RAD-283L	28,000/28,500	1500-1700	8.5	N/A	208/230	6.34	Yes
	COOL	ING WIT	H ELECT	RIC HEAT			
REG-81M	8,000	300-350	10.9/10.9	3,500	115	1.48	Yes
REG-123M	11,600/12,000	450-550	10.9/10.9	8,500/11,000	208/230	2.54	Yes
REG-183M	18,200/18,500	700-1000	10.7/10.7	13,000/16,000	208/230	3.80	Yes
REG-183L-20A	18,200/18,500	18,200/18,500 700-1000 9.7 9,100/11,200		9,100/11,200	208/230	3.80	Yes
REG-253M	24,700/25,000	1400-1500	9.4/9.4	13,000/16,000	208/230	5.71	Yes
		THRU-TH	E-WALL:	SERIES			
BG-81M*	8,000	300-350	9.8/9.7	N/A	115	1.90	Yes
BG-101L*	10,000	400-450	9.8	N/A	115	2.32	Yes
BG-103L*	9,800/10,000	400-450	9.8	N/A	208/230	2.32	Yes
BG-121M*	12,000	450-550	9.8/9.7	N/A	115	2.54	Yes
BG-123L*	11,700/12,000	450-550	9.8	N/A	208/230	2.54	Yes
BG-143M	13,600/14,000	550-700	9.3/9.3	N/A	208/230	2.96	Yes
BGE-103M	9,800/10,000	400-450	9.6/9.6	8,600/10,600	208/230	2.32	Yes
BGE-123M	11,700/12,000	450-550	9.5/9.5	8,600/10,600	208/230	2.54	Yes
BGE-143L	13,600/14,000	550-700	8.5	8,600/10,600	208/230	2.96	Yes
		HE	AT PUMI				
RAH-123M	11,200/11,600	450-550	99	9,900/10,200**	208/230	3.17	Yes
RAH-183M	17,000/17,300	700-1000	9.9	14,000/14,300**	208/230	4.65	Yes
00.6			IENT SEI				
CD-81M	8,000	300-350	10.9/10.8	N/A			Yes
CD-101M	10,000	400-450	10.4/10.4	N/A			Yes
CD-121L	12,000	450-550	9.5	N/A	115	2.54	Yes
DO 011	0.400		RTABLE		44=	4.00	V
PS-81A	8,100	300-350	8.9	N/A			Yes
PS-101A	10,000	400-450	8.9	N/A			Yes
PS-121A	12,000	450-550	8.9	N/A			Yes
PSH-141A	14,000	550-700	8.9	N/A	115	2.96	Yes

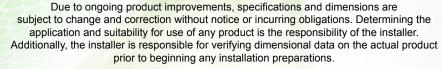
^{*}Energy Star® rated

Model Number	Ventilation Control	Fan Only Speeds	Air Delivery Max. CFM	Fan Motor Speeds	Amps Cooling	Amps Heating	dB Level (hi/med/low)	Maximum Fuse Size Amps	Slide-Out Chassis	Window Mounting Kit (Standard)	Power Cord Plug	Approx. Max-Wall Thickness (in.)	Ship Weight (lbs.)	Dimensions H x W x D (with base and front in inches)
COOLING 5,000 to 10,000 BTUH														
RG-51M	No	2	136	2	4.0	N/A	55/51	15	No	Yes	Α	3 ⁵ /16	45	12 x 16 x 15 ⁷ / ₁₆
RADS-51L*	No	3	129	3	3.88	N/A	55/52/49	15	No	Yes	Α	3 ⁵ /16	45	12 x 16 x 15 ⁷ / ₁₆
RAD-61L	No	3	129	3	5.4	N/A	55/52/49	15	No	Yes	Α	3 ⁵ /16	43	12 x 16 x 15 ⁷ / ₁₆
RADS-61M*	No	3	148	3	5.0	N/A	56/54/52	15	No	Yes	Α	5	52	13 ⁷ / ₁₆ x 18 ¹ / ₂ x 15 ³ / ₄
RAD-81L	No	3	194	3	7.4	N/A	59/56/52	15	No	Yes	Α	5	54	13 ⁷ / ₁₆ x 18 ¹ / ₂ x 15 ³ / ₄
RADS-81M*	No	3	214	3	6.2	N/A	59/56/52	15	No	Yes	Α	5	55	13 ⁷ / ₁₆ x 18 ¹ / ₂ x 15 ³ / ₄
RADS-101M*	Yes	3	285	3	7.8	N/A	59/55/53	15	No	Yes	Α	7 ⁵ /16	69	14 ⁵ /8 x 19 x 21 ¹ / ₂
COOLING 12,000 to 36,600 BTUH														
RAD-121L	Yes	3	288	3	11.0	N/A	61/57/54	15	No	Yes	Α	7 ⁵ /16	73	14 ⁵ /8 x 19 x 21 ¹ / ₂
RADS-121M*	Yes	3	288	3	9.5	N/A	61/57/54	15	No	Yes	Α	7 ⁵ /16	75	14 ⁵ /8 x 19 x 21 ¹ / ₂
RADS-123M*	Yes	3	288	3	5.1/4.7	N/A	60/58/55	15	No	Yes	В	7 ⁵ /16	77	14 ⁵ /8 x 19 x 21 ¹ / ₂
RADS-151M*	Yes	3	382	3	11.7	N/A	59/56/52	15	Yes	Yes	Α	8	118	17 ¹⁵ /16 x 23 ⁵ /8 x 25 ⁷ /16
RADS-183M*	Yes	3	446	3	7.8/7.3	N/A	60/57/54	15	Yes	Yes	В	8	129	17 ¹⁵ /16 x 23 ⁵ /8 x 25 ⁷ /16
RADS-223L*	Yes	3	529	3	10.9/10.0	N/A	62/60/58	15	Yes	Yes	В	10	138	18 ⁵ /8 x 26 ¹ /2 x 26 ¹ /2
RADS-253M*	Yes	3	523	3	12.4/11.3	N/A	63/61/58	20	Yes	Yes	С	10	145	18 ⁵ /8 x 26 ¹ /2 x 26 ¹ /2
RAD-283L	Yes	3	547	3	16.0/14.8	N/A	63/61/58	30	Yes	Yes	D	10	154	18 ⁵ /8 x 26 ¹ /2 x 26 ¹ /2
					CO	OLING V	WITH EL	ECT	RIC F	IEAT				
REG-81M	No	3	277	3	6.3	11.6	58/55/52	15	Yes	Yes	Α	61/8	82	16¹/8 x 22⁵/8 x 23
REG-123M	No	3	279	3	5.2/5.0	16.0/14.5	61/58/55	20	Yes	Yes	С	6 ¹ /8	93	16 ¹ /8 x 22 ⁵ /8 x 23
REG-183M	Yes	3	446	3	8.3/7.7	22.0/20.0	60/57/54	30	Yes	Yes	D	8	131	17 ¹⁵ /16 x 23 ⁵ /8 x 25 ⁷ /16
REG-183L-20A	Yes	3	447	3	9.1/8.4	16.0/14.8	60/57/56	20	Yes	Yes	С	8	127	17 ¹⁵ /16 x 23 ⁵ /8 x 25 ⁷ /16
REG-253M	Yes	3	523	3	12.4/11.3	22.5/20.0	63/61/58	30	Yes	Yes	D	10	147	18 ⁵ /8 x 26 ¹ /2 x 26 ¹ /2
	<u>, </u>					THRU-T			RIES					
BG-81M*	No	3	270	3	7.8	N/A	57/54/52	15	No	Yes *	A	18	76	14 ¹ / ₂ x 24 ¹ / ₄ x 20 ⁵ / ₁₆
BG-101L*	No	3	285	3	9.8	N/A	57/53/49	15	No	Yes A	Α	18	72	14 ¹ / ₂ x 24 ¹ / ₄ x 20 ⁵ / ₁₆
BG-103L*	No	3	288	3	5.0/4.6	N/A	61/58/56	15	No	Yes A	В	18	78	14 ¹ / ₂ x 24 ¹ / ₄ x 20 ⁵ / ₁₆
BG-121M*	No	3	286	3	11.5	N/A	61/59/56	15	No	Yes *	Α	18	86	14 ¹ / ₂ x 24 ¹ / ₄ x 20 ⁵ / ₁₆
BG-123L*	No	3	288	3	5.9/5.5	N/A	61/59/57	15	No	Yes A	В	18	82	14 ¹ / ₂ x 24 ¹ / ₄ x 20 ⁵ / ₁₆
BG-143M	No	3	296	3	7.5/6.9	N/A	61/60/59	15	No	Yes A	В	18	89	14 ¹ / ₂ x 24 ¹ / ₄ x 20 ⁵ / ₁₆
BGE-103M	No	3	269	3	5.4/5.0	15.0/13.5	57/55/53	20	No	Yes *	С	18	85	14 ¹ / ₂ x 24 ¹ / ₄ x 20 ⁵ / ₁₆
BGE-123M	No	3	286	3	5.9/5.5	15.0/13.5	61/59/57	20	No	Yes A	С	18	89	14 ¹ / ₂ x 24 ¹ / ₄ x 20 ⁵ / ₁₆
BGE-143L	No	3	312	3	8.3/7.4	15.0/13.5	62/60/58	20	No	Yes *	С	18	84	14 ¹ / ₂ x 24 ¹ / ₄ x 20 ⁵ / ₁₆
DALL 400M	N.a.	2	005	2	E 2/E 4		EAT PU		Vaa	Vee		C1/-	110	401/ ₂ × 22 × 225/ ₂
RAH-123M	No	3	265	3	5.3/5.1	5.6/5.1	72/70/68	20	Yes	Yes	С	61/8	110	16 ¹ / ₈ x 23 x 22 ⁵ / ₈
RAH-183M	Yes	3	541	3	7.8/7.3	8.8/8.3	72/70/68 EMENT	20 SERU	Yes	Yes	С	10	159	18 ⁵ / ₈ x 26 ¹ / ₂ x 26 ¹ / ₂
CD-81M	Yes	3	264	3	6.6	N/A	54/51/48	15	No	Yes	Α	8 ¹ /2	82	20 ¹⁵ / ₁₆ x 14 ⁵ / ₈ x 23 ¹ / ₂
CD-101M			323		8.5	N/A		15	No	Yes		8 ¹ /2	85	20 ¹⁵ / ₁₆ x 14 ⁵ / ₈ x 23 ¹ / ₂
CD-101M	Yes Yes	3	312	3	11.6	N/A	61/58/56 61/59/56	15	No	Yes	A A	81/2	91	20 ¹⁵ / ₁₆ x 14 ⁵ / ₈ x 23 ¹ / ₂
OD-121L	169	J	JIZ	J	11.0		ORTABL			100	^	0 12	91	20 /10 X 14 /0 X 20 /2
PS-81A	Yes	3	198	3	8.2	N/A	49/46/43	15	N/A	Yes	Α	N/A	63	27 ¹³ / ₁₆ x 16 ¹⁵ / ₁₆ x 13 ⁵ / ₁₆
PS-101A	Yes	3	359	3	10.0	N/A	56/53/50	15	N/A	Yes	A	N/A	72	27 ¹³ / ₁₆ x 16 ¹⁵ / ₁₆ x 13 ⁵ / ₁₆
PS-121A	Yes	3	258	3	11.9	N/A	53/50/47	15	N/A	Yes	A	N/A	72	27 ¹³ / ₁₆ x 16 ¹⁵ / ₁₆ x 13 ⁵ / ₁₆
PSH-141A	Yes	3	297	3	13.8	10.8	55/54/53	15	N/A	Yes	A	N/A	83	$30^{1/8} \times 18^{7/16} \times 15^{5/8}$
, 5 1177	100	,	201		10.0	10.0	33/0 //00	-10	1 1// 1	100	, ,	14// (33 /5 X 10 /16 X 10 /6

The Quality Leader in Conditioning Air

For three-quarters of a century Heat Controller, has provided quality products for conditioning air. Founded in 1933, the company can trace its roots to the Wingert Furnace Co. which began building coal, gas and oil furnaces in Montpelier, Ohio, in 1907. In 1955 the company moved to a new facility in Jackson, Michigan, and a new focus was placed on room air conditioners and dehumidifiers under the Comfort-Aire® brand name.

Heat Controller is known throughout the industry for efficient, reliable products and in-season availability. Whether for heating or cooling, these products meet or exceed industry standards for energy efficiency. Added to that, the line is constantly being updated to add the features and new technology customers demand.



Incentive and rebate programs have precise requirements as to product performance and certification. All products meet applicable regulations in effect on date of manufacture; however, certifications are not necessarily granted for the life of a product.

Therefore, it is the responsibility of the applicant to determine whether a specific model qualifies for these incentive/rebate programs.





REST ASSURED: VALUE-ADDED PROGRAMS

When you buy
Comfort-Aire products,
you're purchasing the
peace of mind that comes
from dealing with a
company that's been in
business for over 75 years.
We have a well-deserved
reputation not only for
quality products, but also
for standing behind those
products with excellent
warranty and support
programs.

Comfort-Aire backs all its products with some of the strongest warranties in the industry. For details see the warranty card packed with the unit, or refer to our web site for copies of warranty cards.

Our products are built to exacting standards, but should you experience a problem, you can rely on our nationwide network of service providers.

Our room air products are accompanied by detailed, comprehensive installation and operating manuals and these, along with other technical data, are also available on our website.

VISIT US ON THE WEB AT:

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