

Comfort-Aire®
















Room Air Product Catalog

www.comfort-aire.com

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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 and R-32 refrigerant.



All Comfort-Aire room air products are listed with either CSA or 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

Tips for SIZING

Room air units are an economical and practical means of adding comfort to a home, commercial space, warehouse office, or other area. For best results, the air conditioner or room heat pump should be correctly sized for the space. The specifications in this catalog show the approximate square footage which each unit effectively cools. However, other factors should be considered in selecting model size—it would be a good idea to choose the next size up if there are multiple doors and windows in the space, if ceilings are exceptionally high, if heat-generating equipment is used, or if several people occupy the space.

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.

Cooling

5,000 BTUH



RG-51Q

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	11.0/11.0
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	145
dB Level (hi/low)	56/52
Amps Cooling	4.6
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	No
Refrigerant Type	R32
Shipping Weight (lbs.)	39.5
Dimensions (in.)	Height 12.0
	Width 16.0
	Depth 13.19



RADS-51Q

5,000 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	5,000
Approx. Sq. Ft. Cooling	100-150
EER/CEER	12.1/12.2
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	3/3
Air Delivery Max. CFM	150
dB Level (hi/med/low)	56/54/53
Amps Cooling	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
Refrigerant Type	R32
Shipping Weight (lbs.)	44
Dimensions (in.)	Height 12.0
	Width 16.0
	Depth 13.2

Q Series - Standard Control / R/S Series - Smartphone Compatible



RADS-61Q / R

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/CEER	12.2/12.1
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	169
dB Level (hi/med/low)	56/53/52
Amps Cooling	3.7
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
Refrigerant Type	R32
Shipping Weight (lbs.)	48.5
Dimensions (in.)	Height 13.4
	Width 18.5
	Depth 15.7



RADS-81Q / R

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/CEER	12.0/12.0
Heating Capacity BTUH (electric)	N/A
Power Supply	115V 60Hz
Humidity Removal Pts/Hr	2.11
Ventilation Control	No
Fan Only	Yes
Fan Speeds Cool/Fan	3/3
Air Delivery Max. CFM	196
dB Level (hi/med/low)	58/55/53
Amps Cooling	5.1
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
Refrigerant Type	R32
Shipping Weight (lbs.)	53.26
Dimensions (in.)	Height 13.4
	Width 18.5
	Depth 15.7



RADS-101Q / R

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/CEER	12.0/12.0
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	300
dB Level (hi/med/low)	61/58/56
Amps Cooling	8.03
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
Refrigerant Type	R32
Shipping Weight (lbs.)	64
Dimensions (in.)	Height 14.6
	Width 19.0
	Depth 21.5

Q Series - Standard Control / R/S Series - Smartphone Compatible



RADS-121Q / R **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/CEER	12.0/12.0
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	300
dB Level (hi/med/low)	61/59/58
Amps Cooling	9.7
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
Refrigerant Type	R32
Shipping Weight (lbs.)	75
Dimensions (in.)	Height 14.6
	Width 19.0
	Depth 21.5



RADS-151Q / R **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	15,100
Approx. Sq. Ft. Cooling	550-700
EER/CEER	11.9/11.8
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	376
dB Level (hi/med/low)	58/54/53
Amps Cooling	11.9
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
Refrigerant Type	R32
Shipping Weight (lbs.)	118
Dimensions (in.)	Height 17.9
	Width 23.6
	Depth 25.4



RADS-183Q / S **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	17,700/18,000
Approx. Sq. Ft. Cooling	700-1000
EER/CEER	11.8/11.8
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	360
dB Level (hi/med/low)	60/57/54
Amps Cooling	7.5/7.0
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
Refrigerant Type	R32
Shipping Weight (lbs.)	129
Dimensions (in.)	Height 17.9
	Width 23.6
	Depth 25.4

Q Series - Standard Control / R/S Series - Smartphone Compatible



RADS-253Q / S **25,000 BTUH**
Nominal

RAD-283Q / S **28,000 BTUH**
Nominal

REG-81M **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
- Energy saver function, 24-hour on/off timer, dehumidification and auto modes



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

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	24,700/25,000
Approx. Sq. Ft. Cooling	1400-1500
EER/CEER	10.3/10.3
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	523
dB Level (hi/med/low)	63/62/62
Amps Cooling	11.8/10.8
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
Refrigerant Type	R32
Shipping Weight (lbs.)	151
Dimensions (in.)	Height 18.6
	Width 26.5
	Depth 26.5

SPECIFICATIONS

Cooling Capacity BTUH	28,000/28,000
Approx. Sq. Ft. Cooling	1500-2000
EER	9.0/9.0
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	523
dB Level (hi/med/low)	63/58/56
Amps Cooling	15.0/13.8
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
Refrigerant Type	R410A
Shipping Weight (lbs.)	156
Dimensions (in.)	Height 18.6
	Width 26.5
	Depth 26.5

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	1.90
Ventilation Control	No
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	Yes
Window Mounting Kit	Yes
Remote Control	Yes
Shipping Weight (lbs.)	82
Dimensions (in.)	Height 16.1
	Width 22.6
	Depth 23.0

M Series - Standard Control / R Series - Smartphone Compatible**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

SPECIFICATIONS

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	No
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
Shipping Weight (lbs.)	95
Dimensions (in.)	Height 16.1
	Width 22.6
	Depth 23.0

**REG-183M / R****18,000 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	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
Shipping Weight (lbs.)	133
Dimensions (in.)	Height 17.9
	Width 23.6
	Depth 25.4

**REG-253M / R****25,000 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	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 Pts/Hr	5.71
Ventilation Control	Yes
Fan Only	Yes
Fan Speeds Cool/Heat/Fan	3/3/3
Air Delivery Max. CFM	523
dB Level (hi/med/low)	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
Shipping Weight (lbs.)	156
Dimensions (in.)	Height 18.6
	Width 26.5
	Depth 26.5



BG-81P

8,000 BTUH
Nominal

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



SPECIFICATIONS

Cooling Capacity BTUH	8,000
Approx. Sq. Ft. Cooling	300-350
EER/CEER	10.6/10.6
Heating Capacity BTUH (electric)	N/A
Power Supply	115V 60Hz
Humidity Removal Pts/Hr	2.11
Ventilation Control	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	7.0
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
Shipping Weight (lbs.)	76
Dimensions (in.)	Height 14.5
	Width 24.2
	Depth 20.3



BG-101P

10,000 BTUH
Nominal

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



SPECIFICATIONS

Cooling Capacity BTUH	10,000
Approx. Sq. Ft. Cooling	400-450
EER	10.6/10.6
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	269
dB Level (hi/med/low)	57/55/53
Amps Cooling	8.3
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
Shipping Weight (lbs.)	80
Dimensions (in.)	Height 14.5
	Width 24.2
	Depth 20.3



BG-103P

10,000 BTUH
Nominal

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



SPECIFICATIONS

Cooling Capacity BTUH	9,800/10,000
Approx. Sq. Ft. Cooling	400-450
EER	10.6/10.6
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	275
dB Level (hi/med/low)	58/56/54
Amps Cooling	4.8/4.5
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
Shipping Weight (lbs.)	80
Dimensions (in.)	Height 14.5
	Width 24.2
	Depth 20.3



BG-121P

12,000 BTUH
Nominal

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



SPECIFICATIONS

Cooling Capacity BTUH	12,000
Approx. Sq. Ft. Cooling	450-550
EER/CEER	10.5/10.5
Heating Capacity BTUH (electric)	N/A
Power Supply	115V 60Hz
Humidity Removal Pts/Hr	2.54
Ventilation Control	No
Fan Only	Yes
Fan Speeds Cool/Fan	3/3
Air Delivery Max. CFM	286
dB Level (hi/med/low)	61/59/57
Amps Cooling	10.0
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
Shipping Weight (lbs.)	87
Dimensions (in.)	Height 14.5
	Width 24.2
	Depth 20.3



BG-123P

12,000 BTUH
Nominal

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



SPECIFICATIONS

Cooling Capacity BTUH	11,700/12,000
Approx. Sq. Ft. Cooling	450-550
EER/CEER	10.5/10.5
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	286
dB Level (hi/med/low)	61/59/57
Amps Cooling	5.6/5.2
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
Shipping Weight (lbs.)	89
Dimensions (in.)	Height 14.5
	Width 24.2
	Depth 20.3



BG-143M

14,000 BTUH
Nominal

FEATURES

- Electronic controls with full feature remote, auto restart
- Four-way adjustable air direction
- 24-hour on/off timer, auto cool and sleep mode
- Interior trim kit included
- Fits standard wall sleeves
- Auto cool, auto mode, dehum only

SPECIFICATIONS

Cooling Capacity BTUH	13,600/14,000
Approx. Sq. Ft. Cooling	550-700
EER/CEER	9.3/9.5
Heating Capacity BTUH (electric)	N/A
Power Supply	208/230V 60Hz
Humidity Removal Pts/Hr	2.96
Ventilation Control	No
Fan Only	Yes
Fan Speeds Cool/Fan	3/3
Air Delivery Max. CFM	296
dB Level (hi/med/low)	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
Shipping Weight (lbs.)	89
Dimensions (in.)	Height 14.5
	Width 24.2
	Depth 20.3



BGE-103M **10,000 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	5.0/4.6
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
Shipping Weight (lbs.)	85
Dimensions (in.)	Height 14.5
	Width 24.2
	Depth 20.3



BGE-123M **12,000 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	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
Shipping Weight (lbs.)	89
Dimensions (in.)	Height 14.5
	Width 24.2
	Depth 20.3



BGE-143M **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	13,600/14,000
Approx. Sq. Ft. Cooling	550-700
EER	9.3/9.5
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	296
dB Level (hi/med/low)	61/60/59
Amps Cooling	7.5/6.9
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
Shipping Weight (lbs.)	89
Dimensions (in.)	Height 14.5
	Width 24.2
	Depth 20.3

**RAH-123M****12,000 BTUH**
Nominal**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 (Not primary source of heat)

SPECIFICATIONS

Cooling Capacity BTUH	11,200/11,600
Approx. Sq. Ft. Cooling	450-550
EER	9.9
Power Supply	208/230V 60Hz
Amps Cooling	5.3/5.1
Electric Heat Cap. BTUH	9,452/12,215
Electric Heat Amps	15.6/13.3
HP Heat Cap. BTUH	9,900/10,200
Heat Pump Amps	5.3/5.1
Heat Pump COP	2.6
Humidity Removal Pts/Hr	3.17
Fan Speeds Cool/Heat/Fan	3/3/3
dB Level (hi/med/low)	72/70/68
Ventilation Control	No
Fan Only	Yes
Air Delivery Max. CFM	265
Maximum Fuse Size	20A
Power Cord	20A Tee NEMA 6-20P
Slide-Out Chassis	Yes
Window Mounting Kit	Yes
Shipping Weight (lbs.)	110
Dimensions (in.)	Height 15.3
	Width 22.6
	Depth 23.6

**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 (Not primary source of heat)

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	10,339/12,557
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	2.8
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
Shipping Weight (lbs.)	159
Dimensions (in.)	Height 16.9
	Width 26.0
	Depth 27.8

Comfort-Cline®



CD-81Q

8,000 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 Removal Pts/Hr	.90
Ventilation Control	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
Shipping Weight (lbs.)	80
Dimensions (in.)	Height 20.9
	Width 14.6
	Depth 23.5



CD-101Q

10,000 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	10,000
Approx. Sq. Ft. Cooling	400-450
EER/CEER	10.4/10.4
Heating Capacity BTUH (electric)	N/A
Power Supply	115V 60Hz
Humidity Removal Pts/Hr	1.1
Ventilation Control	Yes
Fan Only	Yes
Fan Speeds Cool/Fan	3/3
Air Delivery Max. CFM	323
dB Level (hi/med/low)	61/58/56
Amps Cooling	8.5
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
Shipping Weight (lbs.)	84
Dimensions (in.)	Height 20.9
	Width 14.6
	Depth 23.5



Room Air Accessories

Window Support Brackets

Easy-to-install brackets add a full measure of safety to window-mounted air conditioners. Manufactured from heavy gauge steel with a durable baked-on epoxy finish, the brackets have stainless steel hardware to resist weather damage. Unique bubble level helps ensure proper installation angle.



AS080—For room air conditioners up to 80 pounds
Box Dimensions (in.) - 4 x 12 x 2

AS160—For room air conditioners up to 160 pounds
Box Dimensions (in.) - 4 x 17 x 2



NTN-1—No screws or penetrations, simple, yet robust design
Box Dimensions (in.) - 23T x 2.25D x 3.25W



NTN-2—No screws or penetrations, easy “drop in” installation
Box Dimensions (in.) - 11T x 16D x 14W

Both brackets install and remove with no structural disturbance.

EA448F Wall Sleeve

For BG and BGE Series

Sleeve is manufactured of G-90 steel and powder coated for durability and corrosion resistance; color matches unit color. The sleeve utilizes the aluminum back grille of the BG/BGE units, and front gaskets eliminate air.



EA448F—Wall Sleeve (inches)
15¹/₄" H x 25¹/₂" W x 17¹/₂" D

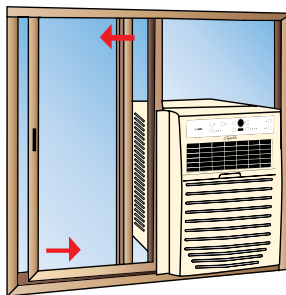
IMPORTANT!

Always wait to cut a hole in the structure until unit arrives and dimensions can be verified.

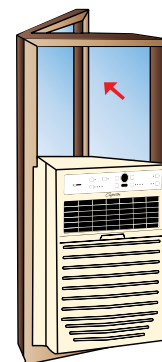
Installation Tips

Casement/Slider Windows

These windows which slide open to the side or open outward require a different type of window air conditioner. Our CD models are ideal for casement or slider windows. The window can close onto the sides of the unit, and a support platform is included. A plastic window filler panel is included with the unit—it can be cut to size and fits into an adjustable window panel frame. For a casement window, the window crank must be removed.



Slider Window
Filler panel fits into frame that is installed above the unit.



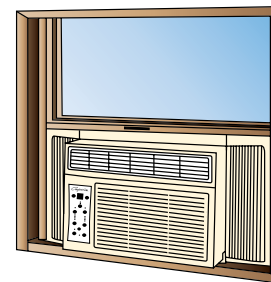
Casement Window
Window opens outward or the exterior pane may be removed. Crank mechanism is removed.

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.

Double Hung Window

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.

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.



PS-81D **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
- 60" 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	8,000
SACC BTUH	4,000-5,500
Approx. Sq. Ft. Cooling	300-350
EER	8.9
Power Supply	115V 60Hz
Humidity Removal Pts./Hr.	2.32
Fan Only	Yes
Fan Speeds Cool/Fan	1/1
Air Delivery Max. CFM	209
Amps Cooling	8.0
dB Level (hi/low)	56/52
Maximum Fuse Size	15A
Power Cord	15A Parallel NEMA 5-15P
Slide-Out Chassis	N/A
Window Mounting Kit	Yes
Remote Control	Yes
Shipping Weight (lbs.)	60
Dimensions (in.)	
Height	27.7
Width	13.6
Depth	14.0

Hose Diameter 6"
Length 60"



PS-101D **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
- 60" 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
SACC BTUH	4,000-5,500
Approx. Sq. Ft. Cooling	400-450
EER	9.0
Power Supply	115V 60Hz
Humidity Removal Pts./Hr.	2.74
Fan Only	Yes
Fan Speeds Cool/Fan	1/1
Air Delivery Max. CFM	206
Amps Cooling	9.8
dB Level (hi/low)	55/51
Maximum Fuse Size	15A
Power Cord	15A Parallel NEMA 5-15P
Slide-Out Chassis	N/A
Window Mounting Kit	Yes
Remote Control	Yes
Shipping Weight (lbs.)	62
Dimensions (in.)	
Height	27.7
Width	13.6
Depth	14.0

Hose Diameter 6"
Length 60"



PS-121D **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
- 60" 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	12,000
SACC BTUH	8,000
Approx. Sq. Ft. Cooling	450-550
EER	8.9
Power Supply	115V 60Hz
Humidity Removal Pts./Hr.	4.23
Fan Only	Yes
Fan Speeds Cool/Fan	3/3
Air Delivery Max. CFM	264
Amps Cooling	12
dB Level (hi/low)	55/53/52.5
Maximum Fuse Size	15A
Power Cord	15A Parallel NEMA 5-15P
Slide-Out Chassis	N/A
Window Mounting Kit	Yes
Remote Control	Yes
Shipping Weight (lbs.)	79
Dimensions (in.)	
Height	27.6
Width	17.9
Depth	14.4

Hose Diameter 6"
Length 60"



PSH-141D **14,000 BTUH**
Nominal

FEATURES

- Cool or heat a room without duct-work 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
- 60" 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
SACC BTUH	9,000
Approx. Sq. Ft. Cooling	550-700
EER	9.9
Heating Capacity BTUH	11,000
COP	2.76
Power Supply	115V 60Hz
Humidity Removal Pts./Hr.	4.27
Fan Only	Yes
Fan Speeds Cool/Heat/Fan	3/3
Air Delivery Max. CFM	306
Amps Cooling	11.9
Amps Heating	11.3
dB Level (hi/low)	56/54/52
Maximum Fuse Size	15A
Power Cord	15A Parallel NEMA 5-15P
Window Mounting Kit	Yes
Remote Control	Yes
Shipping Weight (lbs.)	86.6
Dimensions (in.)	
Height	30.1
Width	18.4
Depth	15.6

Hose Diameter 6"
Length 60"

Advantages of Portables

Portable air conditioners and heat/cool models are ideal for any area where temporary cooling (or heating) is needed, or in situations where a window air conditioner isn't an option.

Historical properties are ideal candidates for portables since the aesthetics of the building's exterior are maintained.

Also, additions to existing homes can be conditioned without upgrading the entire HVAC unit to accommodate the added square footage.

Some other applications that can benefit from the efficiency and portability of these units:

- Apartments
- College dormitory rooms
- Bedrooms and sunrooms
- Cottages/vacation homes
- Home workshops
- School and church classrooms
- Warehouse offices

Installation

Installing a portable unit takes only a few minutes. Hot air from the unit should be exhausted from the room, and a window adapter for the exhaust hose comes with the unit. It has sliding sides to fit a variety of windows, but with its low profile, light from the window isn't blocked. The adapter fits many sizes of double hung windows, and can also be used on certain casement windows and even patio doors—some on-site adjustments may be needed.

Since no ductwork or special wiring is required, the unit can be easily moved from one room to another. Heavy duty casters and handholds built into the sides of the cabinet facilitate location changes.

Ease of installing the window adapter is a primary reason the portable unit can be used throughout the house. However, if the portable is being used only for air circulation (fan), it's not necessary to use the hose hook-up.



A large diameter, 60" flexible hose effectively exhausts hot air to the outside.

Operation

Portable models feature cooling, dehumidification and air circulation (fan only) modes; the PSH-141D adds supplemental heating capability. The 24-hour on/off timer can be used to save energy by operating only at set times when residents are at home. The sleep mode also saves energy by increasing the temperature periodically through the night (so there is less cooling), which also increases the comfort level for many people.



A handy wireless remote controls all functions of the Comfort-Aire portable units.

Portable Dehumidifiers

Portable Dehumidifiers

Easy to use with top mounted controls. Unit automatically shuts off when bucket is full. BHDP models have built-in pump for fast direct draining. Features auto defrost and auto restart. Slide-out filter is easily removed for washing and reusing. Low temperature operation to 41°F.

Condensate bucket is accessed from the front, has handy handholds on each side and an interior handle; unit can be adapted to direct drain. BHDP units with built-in pump can be used for direct drain or bucket can be used to collect condensate.



BHD-22A
Capacity 22 pints/day
Bucket Capacity: 6.34 pints

BHD-35A
Capacity 35 pints/day
Bucket Capacity: 12.68 pints

BHD-50A
Capacity 50 pints/day
Bucket Capacity: 12.68 pints



BHDP-50A
with Built-In Pump
Capacity 50 pints/day
Bucket Capacity: 12.68 pints



BHDP-60A
with Built-In Pump
Capacity 60 pints/day
Bucket Capacity: 21.13 pints



All models are Energy Star® compliant
Low temperature operation down to 41°F (5°C)

Features

- **Automatic Water Level Shut-Off**—When the drain bucket is full, unit automatically shuts off, then displays a “Full” light
- **Drain Options**—Condensed water can be collected in the removable bucket that has a convenient handle, or continuously drained using the adapter kit that’s included
- **BHDP Models**—Built-in pump quickly and effectively removes condensate
- **Slide-Out Filter**—Filter is easily removed from unit so it can be cleaned and reused; check filter light is a reminder to clean the filter
- **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, ideal for second homes or offices, as well as primary residences
- **Slide-Out Filter**—Filter is easily removed from unit so it can be cleaned and reused; check filter light is a reminder to clean the filter

115V-1-60

	BHD- 22A	BHD- 35A	BHD- 50A	BHDP-50A	BHDP-60A
Pts/Day	22	35	50	50	60
Input Amps	2.2	3.25	4.8	4.8	4.1
Bucket Cap.	6.34	12.68	12.68	12.68	21.13
Built-in Pump	No	No	No	Yes	Yes
Energy Star®	Yes	Yes	Yes	Yes	Yes
Sound (dBa)	50	50	51	51	59
Height (in.)	19.69	24.25	24.25	24.25	24.61
Width (in.)	15.2	15.43	15.43	15.43	18.78
Depth (in.)	10.24	11.1	11.1	11.1	14.17
Ship Wt lbs.	35.5	41.6	45.2	45.9	62.6

Our SVH-Series, rated up to 16 SEER, offers economical zone control because only the room or area being used is conditioned. Also inverter technology matches the compressor speed to the room's changing temperature requirements.

Optional 115 or 230 volt available on 9k and 12k.

S Series 16 SEER

Single Zone Heat Pumps

9,000 - 24,000 BTUH

Inverter technology

Up to 16 SEER!



Heat Pump	SVH09SB-0	SVH09SB-1	SVH12SB-0	SVH12SB-1	SVH18SB-1	SVH24SB-1
BTUH	9,000/	9,000/	12,000/	12,000/	18,000/	24,000/
clg/htg	9,800	9,800	12,000	12,000	18,000	24,000

Cooling down to 32°, heating down to 5°F.

D Series 19 SEER

Single Zone Heat Pumps

9,000 - 24,000 BTUH

Inverter technology



Heat pump models, all with inverter technology for efficiency. Modes include cooling, heating (heat pumps), fan only, dehumidification and sleep mode.



Includes wireless remote

	DVH09SG-0	DVH12SG-0	DVH09SG-1	DVH12SG-1	DVH18SG-1	DVH24SG-1
Cooling Capacity	9,000	12,000	9,000	12,000	18,000	24,000
Heating Capacity	10,000	12,000	9,000	12,000	18,000	24,000

Ductless Mini-Split Heat Pumps

Up to 19.8 SEER

Model	Specifications
VMH30SD-1	30,000 cool/30,000 heat BTU, 19.8 SEER, 208/230V
VMH36SD-1	36,000 cool/36,000 heat BTU, 16.0 SEER, 208/230V

Large capacity models are designed to condition spaces up to 1550 square feet. Super efficient heat pump mini-splits with variable speed compressors save up to 40% in energy consumption over standard models.

Includes wireless remote

Ambient Operating Temperature:

5° - 122°F Cooling

5° - 86°F Heating



Optional wired thermostat
Part No. 7800-206



Ceiling & Floor Console

Ductless Mini-Split Systems

UltraV Series Heat Pump Inverter Single Zone

Super efficient heat pumps are rated up to 25 SEER and operate down to -22°F.

100% capacity at 0°F.

Inverter technology saves up to 40% in energy consumption.



Includes wireless remote

VMH UltraV—Single/Multi Zone Ductless Mini-Splits

Our UltraV Series features a wide operating range with higher capacities in low temperatures. This allows the unit to operate in the cooling or heating mode with 100% output even when the outdoor temperature is as low as 0°F.

Advanced inverter technology means the room will reach the preset temperature quickly.

Energy usage is kept to a minimum as units run at low frequency most of the time. However, when required the unit ramps up automatically to reach and maintain the comfort level.

With this broad ambient range, these units are well suited to installations requiring year-round conditioning, both residential and light commercial.

All operate down to -22°F.

100% capacity: Multi at 5°F, Single at 0°F.

A- (outdoor)
B- (indoor)



208/230-1-60

UP TO 25 SEER

Outdoor Model	Specifications
A-VMH09SU-1	9,000 cool, 10,900 heat, 418 max. CFM
A-VMH12SU-1	12,000 cool, 11,800 heat, 418 max. CFM
A-VMH18SU-1B	17,000 cool, 18,000 heat, 512 max CFM
A-VMH24SU-1A	24,000 cool, 24,000 heat, 794 max. CFM
Indoor Model	Specifications
B-VMH09SU-1†	9,000 cool, 10,900 heat, 418 max. CFM
B-VMH09SU-1C*	9,000 cool, 10,900 heat, 418 max. CFM
B-VMH12SU-1†	12,000 cool, 11,800 heat, 418 max. CFM
B-VMH12SU-1C*	12,000 cool, 11,800 heat, 418 max. CFM
B-VMH18SU-1B†	17,000 cool, 18,000 heat, 512 max CFM
B-VMH24SU-1†	24,000 cool, 24,000 heat, 794 max. CFM

VMH single and multi are interchangeable

*Wired controller only

† Optional smartphone control

Floor & Ceiling Console

Optional programmable wired controller

Ducted Unit

Includes a programmable wired controller

Ceiling Cassette

Optional programmable wired controller

Floor Console

Optional wired controller

High Wall Mount

Optional wired controller

208/230-1-60

UP TO 25 SEER

Indoor Ceiling Cassette	Capacity BTUH per unit	Floor Mount Indoor Unit	Capacity BTUH per unit
B-VMH09CU-1*	9,000 cool, 9,000 heat, 600 max. CFM	B-VMH12FU-1*	12,000 cool, 12,000 heat, 365 max. CFM
B-VMH12CU-1*	12,000 cool, 12,000 heat, 574 max. CFM	Ducted Unit	Capacity BTUH per unit
B-VMH18CU-1*	18,000 cool, 18,000 heat, 956 max. CFM	B-VMH09DU-1	9,000 cool, 9,000 heat, 353 max. CFM
B-VMH24CU-1*	24,000 cool, 24,000 heat, 1,400 max. CFM	B-VMH12DU-1	12,000 cool, 12,000 heat, 353 max. CFM
Cover Panel for Indoor Ceiling Cassette	Dimensions/Weight	B-VMH18DU-1	18,000 cool, 18,000 heat, 530 max. CFM
C-VMH91218CU-1*	25.47" x 25.47" x 1.97", 5.51 net, 9.92 ship	B-VMH24DU-1	24,000 cool, 24,000 heat, 776 max. CFM
C-VMH24CU-1*	37.4" x 37.4" x 2.17", 11.02 net, 17.64 ship	Outdoor Unit	Capacity BTUH per unit
Floor/Ceiling Mount Indoor	Capacity BTUH per unit	A-VMH18DU-1	19,000 cool, 20,000 heat, 2,130 CFM
B-VMH18UU-1*	18,000 cool, 18,000 heat, 666 max. CFM	A-VMH28TU-1	28,000 cool, 28,000 heat, 2,130 CFM
B-VMH24UU-1*	24,000 cool, 24,000 heat, 880 max. CFM	A-VMH36QU-1	36,000 cool, 35,800 heat, 4,500 CFM
		A-VMH48PU-1	48,000 cool, 37,800 heat, 4,500 CFM

*Outdoor units—Energy Star® compliant when combined with indoor units having an * by model number in above table

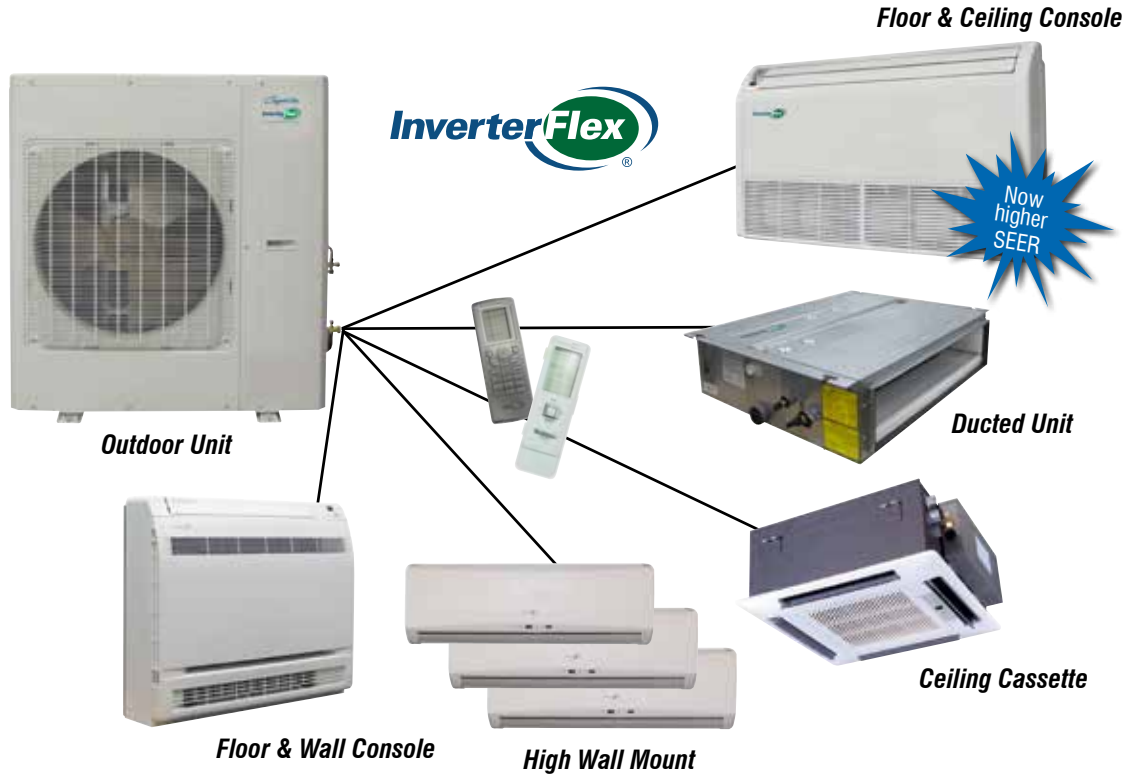
Ductless Mini-Split Systems

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 Me” 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 can be as low as 50% of the outdoor unit’s capacity.



208/230-1-60

UP TO 22 SEER

Outdoor Unit	System Capacity BTUH	Cooling/Heating	Ducted Unit	Capacity BTUH per unit
A-VFH18DB-1	18,000 cool, 19,000 heat, HSPF 10.5		B-VFH09DA-1	8,500 cool, 9,500 heat, 265 max. CFM
A-VFH24TB-1	24,000 cool, 29,500 heat, HSPF 10.5		B-VFH12DA-1	11,900 cool, 13,100 heat, 324 max. CFM
A-VFH30QB-1	29,000 cool, 32,000 heat, HSPF 10.5		B-VFH18DA-1	15,300 cool, 18,700 heat, 412 max. CFM
A-VFH36QB-1	34,000 cool, 41,000 heat, HSPF 10.5		B-VFH21DA-1	20,400 cool, 22,600 heat, 588 max. CFM
A-VFH42PB-1	39,000 cool, 45,000 heat, HSPF 10.2		B-VFH24DA-1	22,800 cool, 27,400 heat, 588 max. CFM
High Wall Mount Indoor	Capacity BTUH per unit		Floor/Wall Console Indoor	Capacity BTUH per unit
B-VFH09MB-1A	9,000 cool, 9,800 heat, 430 max. CFM		B-VFH09FA-1	9,000 cool, 9,500 heat, 383 max. CFM
B-VFH12MB-1A	12,000 cool, 13,000 heat, 453 max. CFM		B-VFH12FA-1	12,000 cool, 13,000 heat, 441 max. CFM
B-VFH18MB-1	18,000 cool, 19,000 heat, 588 max. CFM		B-VFH18FA-1	18,000 cool, 19,000 heat, 494 max. CFM
B-VFH24MB-1	20,800 cool, 21,500 heat, 736 max. CFM		Floor/Ceiling Indoor Unit	Capacity BTUH per unit
Indoor Ceiling Cassette	Capacity BTUH per unit		B-VFH09UA-1	8,500 cool, 9,500 heat, 383 max. CFM
B-VFH12CA-1	12,000 cool, 13,000 heat, 353 max. CFM		B-VFH12UA-1	11,900 cool, 13,100 heat, 383 max. CFM
B-VFH18CB-1	14,400 cool, 16,000 heat, 353 max. CFM		B-VFH18UA-1	17,000 cool, 18,700 heat, 559 max. CFM
B-VFH24CA-1	22,800 cool, 27,400 heat, 694 max. CFM		B-VFH24UA-1	22,800 cool, 27,400 heat, 736 max. CFM
Front Panels	C-VFH1218CB-12K & 18K; C-VFH24CA-24K			

26" PTAC

Cooling only, electric heat and heat pump models provide year-round comfort, room by room; for hotels, motels, apartments, office buildings, schools, nursing homes and more. Design for quick installation in most 16" x 26" wall sleeves. Attractive appearance with state-of-the-art technology, these units minimize energy usage while ensuring guest comfort.

- **Energy-Efficient**—High energy efficiency ratios (EERs) save on utility costs
- **Quiet Operation**—Indoor sound reduction is achieved through the unit's two permanently lubricated fan motors
- **Fresh Air Control Plate**—Allows outdoor air into room through filtered vent, 23 CFM
- **Easy to Service**—On-board computer diagnostics help prolong the life of the unit and simplify service; LED indicator flashes error codes



9,000 to 12,000 BTUH

Dimensions:

26" W x 15.6" H x 21.2" D (without sleeve)

Electric Heat and Heat Pump Feature 3.5 kW Heater

7602-800F—Wall Sleeve, SnapEase, Steel, 26"

7602-801F—Stamped Grille, Aluminum, 26"

7602-805F—Architectural Grille, Aluminum, 26", Color-Clear

7602-806—Thermostat Adapter

208/230V

FEATURE	COOLING ONLY		COOLING ONLY WITH ELECTRIC HEAT		HEAT PUMP WITH ELECTRIC HEAT	
	PTTC09A-1	PTTC12A-1	PTTE09A-1	PTTE12B-1	PTTH09A-1	PTTH12B-1
Cooling BTUH	9100/9300	11800/12000	9100/9300	11800/12000	9100/9300	11500/11700
EER	9.8/9.8	9.8/9.8	9.8/9.8	9.8/9.8	9.7/9.7	9.6/9.6
Cooling Amps	4.7/4.3	6.1/5.7	4.7/4.3	6.1/5.7	4.8/4.4	6.1/5.6
Max. Current Amps	6.1	15.2	15.2	15.2	15.2	15.2
Cooling Watts	930/950	930/950	940/960	1200/1220	1200/1220	1200/1220
Heat Pump BTUH	/	/	/	/	8600/8800	11200/11400
C.O.P. @ 47°F	/	/	/	/	10.2/10.2	9.9/9.9
Heat Pump Amps	/	/	/	/	4.3/4.0	5.9/5.4
Electric Heat Amps	/	/	14/15.2	14/15.2	14/15.2	14/15.2
Electric Heating Watts	/	/	2900/3500	2900/3500	2900/3500	2900/3500
Power Cord	LCDI 15 amp	LCDI 15 amp	LCDI 20 amp	LCDI 20 amp	LCDI 20 amp	LCDI 20 amp
Dehum. Pts/Hr	2.32	3.49	2.32	3.49	2.32	3.49
Airflow CFM	282/259/235	282/259/235	271/247/224	271/247/224	271/247/224	271/247/224
Indoor Sound Max. dB(A)	69/67/65	69/67/65	69/67/65	69/67/65	69/67/65	69/67/65
Out. Sound Max dB(A)	79/79/79	79/79/79	79/79/79	79/79/79	79/79/79	79/79/79
Net Wt./Shipping Wt. (lbs)	70.5/84	78/92	73/86	81/94	83/96	86/99

Note : Beginning mid to late summer the current PTxxxA-1 series will transition to the next series (PTxxxB-1). The new models will be available as stock depletes of current models.

- **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



7,000 to 15,000 BTUH

Dimensions: 42" W x 16¹/₁₆" H x 21¹/₁₆" D

Electric Heat Standard—3 kW on 7K & 9K, 3 or 5 kW on 12K & 15K

Also available in 265V models, see brochure CA-PT. Some series available in Sea Coast coating.

7602-500F—Wall Sleeve, insulated, knock-down: saves room, easily assembled

7602-501F—Stamped grille

7602-505F—Architectural grille aluminum color- clear

208/230V COOLING ONLY WITH ELECTRIC HEAT

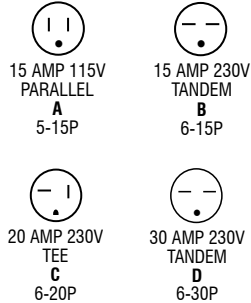
FEATURE	PTAC07A130B	PTAC09A130B	PTAC12A130B	PTAC12A150B	PTAC15A130B	PTAC15A150B
Cooling BTUH	6,800/7,200	9,300/9,500	11,800/12,000	11,800/12,000	14,300/14,500	14,300/14,500
EER	11.9/11.9	11.7/11.4	10.7/10.5	10.7/10.5	10.2/10.2	10.2/10.2
Cooling Amps	2.8/2.7	3.9/3.7	5.4/5.1	5.4/5.1	7.0/6.4	7.0/6.4
Max. Current Amps	3.6	5.1	7.3	7.3	8.9	8.9
Cooling Watts	570/605	795/835	1100/1140	1100/1140	1450/1470	1450/1470
Electric Heater kW	3.0	3.0	3.0	5.0	3.0	5.0
Elec. Heat BTUH @ 230V	10236	10236	10236	17060	10236	17060
Dehum. Pts/Hr	.63	1.27	2.32	2.32	3.59	3.59
Airflow CFM	352/250	352/250	405/333	405/333	405/370	405/370
Indoor Sound Max dB	45/35	45/35	48/42	48/42	48/45	48/45
Out. Sound Max dB	66	66	66	66	66	66
Net Wt./Shipping Wt.	97/110	102/115	108/121	108/121	112/126	112/126

208/230V HEAT PUMP WITH ELECTRIC HEAT

FEATURE	PTHP07A130B	PTHP09A130B	PTHP12A130B	PTHP12A150B	PTHP15A130B	PTHP15A150B
Cooling BTUH	6,800/7,200	9,300/9,500	11,800/12,000	11,800/12,000	14,300/14,500	14,300/14,500
EER	11.9/11.9	11.7/11.4	10.7/10.5	10.7/10.5	10.2/10.2	10.2/10.2
Cooling Amps	2.8/2.7	3.9/3.7	5.4/5.1	5.4/5.1	6.8/6.3	6.8/6.3
Max. Current Amps	3.6	5.1	7.3	7.3	8.9	8.9
Cooling Watts	570/605	795/835	1100/1140	1100/1140	1400/1420	1400/1420
Heat Pump BTUH	6,100/6,400	8,300/8,500	10,800/11,000	10,800/11,000	13,200/13,600	13,200/13,600
C.O.P. @ 47°F	3.30/3.30	3.50/3.50	3.50/3.30	3.50/3.30	3.30/3.30	3.30/3.30
Heating Amps	2.6/2.5	3.3/3.1	4.5/4.2	4.5/4.2	5.6/5.2	5.6/5.2
Heating Watts	535/560	685/710	900/950	900/950	1155/1180	1155/1180
Electric Heater kW	3.0	3.0	3.0	5.0	3.0	5.0
Elec. Heat BTUH @ 230V	10236	10236	10236	17060	10236	17060
Dehum. Pts/Hr	.63	1.27	2.32	2.32	3.59	3.59
Airflow CFM	352/250	352/250	405/333	405/333	405/370	405/370
Indoor Sound Max dB	45/35	45/35	48/42	48/42	48/45	48/45
Out. Sound Max dB	66	66	66	66	66	66
Net Wt./Shipping Wt.	99/112	104/117	110/123	110/123	112/126	112/126

Specifications

Powercord Configurations



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.

Model	Cooling Capacity BTU/Hr	Refrigerant Type	Approx. Sq. Ft. Cooling	EER/CEER	Heating Capacity BTUH (electric)	Electric (Volts)	Humidity Removal Pints/Hr	Remote Control
COOLING 5,000 to 10,000 BTUH								
RG-51Q	5,000	R-32	100-150	11.1/11.0	N/A	115	1.27	No
RADS-51Q*	5,000	R-32	100-150	12.1/12.2	N/A	115	1.27	Yes
RADS-61Q/R*	6,000	R-32	150-250	12.2/12.1	N/A	115	1.48	Yes
RADS-81Q/R*	8,000	R-32	300-350	12.0/12.0	N/A	115	2.11	Yes
RADS-101Q/R*	10,000	R-32	400-450	12.0/12.0	N/A	115	2.32	Yes
COOLING 12,000 to 36,600 BTUH								
RADS-121Q/R*	12,000	R-32	450-550	12.0/12.0	N/A	115	2.54	Yes
RADS-151Q/R*	15,100	R-32	550-700	11.9/11.8	N/A	115	3.17	Yes
RADS-183Q/S*	17,700/18,000	R-410	700-1000	11.8/11.8	N/A	208/230	3.80	Yes
RADS-253Q/S*	24,700/25,000	R-410	1400-1500	10.3/10.3	N/A	208/230	5.71	Yes
RAD-283M/R	28,000/28,000	R-410	1500-2000	9.0/9.0	N/A	208/230	6.34	Yes
COOLING WITH ELECTRIC HEAT								
REG-81M	8,000	R-410	300-350	10.9/10.9	3,500	115	1.90	Yes
REG-123M	11,600/12,000	R-410	450-550	10.9/10.9	8,500/11,000	208/230	2.54	Yes
REG-183M/R	18,200/18,500	R-410	700-1000	10.7/10.7	13,000/16,000	208/230	3.80	Yes
REG-253M/R	24,700/25,000	R-410	1400-1500	9.4/9.4	13,000/16,000	208/230	5.71	Yes
THRU-THE-WALL SERIES								
BG-81P*	8,000	R-410	300-350	10.6/10.6	N/A	115	2.11	Yes
BG-101P*	10,000	R-410	400-450	10.6/10.6	N/A	115	2.32	Yes
BG-103P*	9,800/10,000	R-410	400-450	10.6/10.6	N/A	208/230	2.32	Yes
BG-121P*	12,000	R-410	450-550	10.5/10.5	N/A	115	2.54	Yes
BG-123P*	11,700/12,000	R-410	450-550	10.5/10.5	N/A	208/230	2.54	Yes
BG-143M	13,600/14,000	R-410	550-700	9.3/9.5	N/A	208/230	2.96	Yes
BGE-103M	9,800/10,000	R-410	400-450	9.6/9.6	8,600/10,600	208/230	2.32	Yes
BGE-123M	11,700/12,000	R-410	450-550	9.5/9.5	8,600/10,600	208/230	2.54	Yes
BGE-143M	13,600/14,000	R-410	550-700	9.3/9.5	8,600/10,600	208/230	2.96	Yes
HEAT PUMPS								
RAH-123M	11,200/11,600	R-410	450-550	9.9	9,900/10,200**	208/230	3.17	Yes
RAH-183M	17,000/17,300	R-410	700-1000	9.9	14,000/14,300**	208/230	4.65	Yes
CASEMENT SERIES								
CD-81Q	8,000	R-410	300-350	10.9/10.8	N/A	115	.90	Yes
CD-101Q	10,000	R-410	400-450	10.4/10.4	N/A	115	1.1	Yes
PORTABLE A/C								
PS-81D	8,000	R-410	300-350	8.9	N/A	115	2.32	Yes
PS-101D	10,000	R-410	400-450	9.0	N/A	115	2.74	Yes
PS-121D	12,000	R-410	450-550	8.9	N/A	115	4.23	Yes
PSH-141D	14,000	R-410	550-700	9.9	11,000	115	4.27	Yes

* Energy Star® rated

** Heat pump capacity



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-51Q	No	2	145	2	4.6	N/A	56/52	15	No	Yes	A	3.3	40	12.0 x 16.0 x 13.2
RADS-51Q*	No	3	150	3	3.7	N/A	56/54/53	15	No	Yes	A	3.3	44	12.0 x 16.0 x 13.2
RADS-61Q/R*	No	3	169	3	4.66	N/A	56/53/52	15	No	Yes	A	5.0	42	13.4 x 18.5 x 15.7
RADS-81Q/R*	No	3	196	3	5.1	N/A	58/53/53	15	No	Yes	A	5.7	47	13.4 x 18.5 x 15.7
RADS-101Q/R*	Yes	3	300	3	8.03	N/A	61/58/56	15	No	Yes	A	7.3	64	14.6 x 19.0 x 21.5
COOLING 12,000 to 36,600 BTUH														
RADS-121Q/R*	Yes	3	300	3	9.7	N/A	61/59/58	15	No	Yes	A	7.3	75	14.6 x 19.0 x 21.5
RADS-151Q/R*	Yes	3	376	3	11.9	N/A	58/54/53	15	Yes	Yes	A	8.0	118	17.9 x 23.6 x 25.4
RADS-183Q/S*	Yes	3	360	3	7.5/7.0	N/A	60/57/54	15	Yes	Yes	B	8.0	129	17.9 x 23.6 x 25.4
RADS-253Q/S*	Yes	3	523	3	11.8/10.8	N/A	63/62/62	20	Yes	Yes	C	10.0	151	18.6 x 26.5 x 26.5
RAD-283M/R	Yes	3	523	3	15.0/13.8	N/A	63/58/56	30	Yes	Yes	D	10.0	156	18.6 x 26.5 x 26.5
COOLING WITH ELECTRIC HEAT														
REG-81M	No	3	277	3	6.3	11.6	58/55/52	15	No	Yes	A	6.1	82	16.1 x 22.6 x 23.0
REG-123M	No	3	279	3	5.2/5.0	16.0/14.5	61/58/55	20	No	Yes	C	6.1	95	16.1 x 22.6 x 23.0
REG-183M/R	Yes	3	446	3	8.3/7.7	22.0/20.0	60/57/54	30	Yes	Yes	D	8.0	133	17.9 x 23.6 x 25.4
REG-253M/R	Yes	3	523	3	12.4/11.3	22.5/20.0	63/61/58	30	Yes	Yes	D	10.0	156	18.6 x 26.5 x 26.5
THRU-THE-WALL SERIES														
BG-81P*	No	3	270	3	7.0	N/A	57/54/52	15	No	Yes [▲]	A	18.0	76	14.5 x 24.2 x 20.3
BG-101P*	No	3	269	3	8.3	N/A	57/55/53	15	No	Yes [▲]	A	18.0	80	14.5 x 24.2 x 20.3
BG-103P*	No	3	275	3	4.8/4.5	N/A	58/56/54	15	No	Yes [▲]	B	18.0	80	14.5 x 24.2 x 20.3
BG-121P*	No	3	286	3	10.0	N/A	61/59/57	15	No	Yes [▲]	A	18.0	87	14.5 x 24.2 x 20.3
BG-123P*	No	3	286	3	5.6/5.2	N/A	61/59/57	15	No	Yes [▲]	B	18.0	89	14.5 x 24.2 x 20.3
BG-143M	No	3	296	3	7.5/6.9	N/A	61/60/59	15	No	Yes [▲]	B	18.0	89	14.5 x 24.2 x 20.3
BGE-103M	No	3	269	3	5.0/4.6	15.0/13.5	57/55/53	20	No	Yes [▲]	C	18.0	85	14.5 x 24.2 x 20.3
BGE-123M	No	3	286	3	5.9/5.5	15.0/13.5	61/59/57	20	No	Yes [▲]	C	18.0	89	14.5 x 24.2 x 20.3
BGE-143M	No	3	296	3	7.5/6.9	15.0/13.5	61/60/59	20	No	Yes [▲]	C	18.0	89	14.5 x 24.2 x 20.3
HEAT PUMPS														
RAH-123M	No	3	265	3	5.3/5.1	5.3/5.1	72/70/68	20	Yes	Yes	C	6.6	110	15.3 x 22.6 x 23.6
RAH-183M	Yes	3	541	3	7.8/7.3	7.0/6.5	72/70/68	20	Yes	Yes	C	7.6	159	16.9 x 26.0 x 27.8
CASEMENT SERIES														
CD-81Q	Yes	3	264	3	6.6	N/A	54/51/48	15	No	Yes	A	8.5	80	20.9 x 14.6 x 23.5
CD-101Q	Yes	3	323	3	8.5	N/A	61/58/56	15	No	Yes	A	8.5	84	20.9 x 14.6 x 23.5
PORTABLE A/C														
PS-81D	No	1	209	1	8.0	N/A	56/52	15	N/A	Yes	A	N/A	60	27.7 x 13.6 x 14.0
PS-101D	No	1	206	1	9.8	N/A	55/51	15	N/A	Yes	A	N/A	62	27.7 x 13.6 x 14.0
PS-121D	No	3	264	3	12	N/A	55/53/52.5	15	N/A	Yes	A	N/A	79	27.6 x 17.9 x 14.4
PSH-141D	No	3	306	3	11.9	10.2	56/54/52	15	N/A	Yes	A	N/A	83	30.1 x 18.4 x 15.6

▲ Interior trim kit for BG, BGE Series: Models use wall sleeve



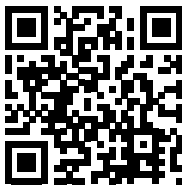
The Quality Leader in Conditioning Air

There's the confidence that comes from dealing with a company that's been around for generations. Founded in 1933, we can actually trace our beginnings to the Wingert Furnace Company which began building coal, gas and oil furnaces in 1907. Headquartered in Jackson, Michigan, since 1955, our facility, our staff and our product offerings have grown over the years to meet changes in the HVAC industry, including emerging technologies and regulatory requirements.

MARS 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.

REST ASSURED: VALUE-ADDED PROGRAMS

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 details. 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.



Due to ongoing product improvements, specifications and dimensions are subject to change and correction without notice or incurring obligations. Determining the application and suitability for use of any product is the responsibility of the installer.

Additionally, the installer is responsible for verifying dimensional data on the actual product prior to beginning any installation preparations.

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.

"This product complies with all California product labeling laws including, but not limited to, the Safe Drinking Water and Toxic Enforcement Act of 1986, more commonly known as Proposition 65."