

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 with the smartphone icon can be controlled from anywhere through the cloud using an app on iOS or Android.

It also works with Google Assistant and Alexa.







Comfort-Aire room air products come charged with the environmentally friendly R-454B, R410A 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

7ips 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

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.

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



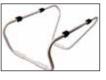


NTN-1—No screws or penetrations, simple, yet robust design Box Dimensions (in.) - 23T x 2.25D x 3.25W



Both brackets install and remove with no structural disturbance.





NTN-2—No screws or penetrations, easy "drop in" installation Box Dimensions (in.) - $11T \times 16D \times 14W$

Room Air Display Racks

Mini-Split Display Rack



Part #6077 28 1/4"W x 21-1/2"D & is 74" H (Header Not Included) Part #6078

Room Air Display Rack



Part # 8374 30"W x 27"D & is 72" H (rack includes header)

Safe. Quiet. Efficient.

The RXTS-Series Window Air Conditioner is an evolution in design and features, providing more security, quieter operation, and better efficiency.

The revolutionary "U" shape allows the window sash to close through the chassis, effectively separating the compressor portion of the air conditioner and locking the noisy outside world away from your peace and quiet. This innovative "U" shape design feature provides more security than typical window air conditioners with plastic accordion-style wings.

FEATURES

- The RXTS-Series limits the opening necessary to have air conditioning - allowing more visibility and less potential
- The RXTS-Series and also locks the sash in place once it is lowered into the air conditioner with an anti-theft mechanism.
- A sturdy window bracket (included) allows the window to open-and-close while the air conditioner stays secure - providing the ability to allow fresh air into your home anytime.



8,000 BTUH







10,000 BTUH



RXTS-81A

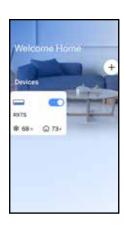
SPECIFICATIONS						
BTUH	8,000					
Voltage	115V					
Energy Star®	Yes					
Input Watts/Amps	720 / 8.78					
24 Hour On/Off Timer	Yes					
Electronic Controls	Yes					
Fan Speeds	3					
Sound Level (dBa) (Hi/Mi/Lo)	47/42/33					
Low Temp Operation	60					
Auto Restart	Yes					
Dimension (inches) W x D x H	19.17x21.97x13.46					
Net Weight (lbs.)	55.56					
Ship Wt lbs.	66					
Window Opening W (min/max) x H	23/36 x 19.5					

CDECIEICATIONS

RXTS-101A

10,000
115V
Yes
890 / 10.17
Yes
Yes
3
51/45/36
60
Yes
19.17x21.97x13.46
56.88
67
23/36 x 19.5

PECIFICATIONS	
BTUH	12,000
Voltage	115V
Energy Star®	Yes
Input Watts/Amps	1140 / 12
24 Hour On/Off Timer	Yes
Electronic Controls	Yes
Fan Speeds	3
Sound Level (dBa) (Hi/Mi/Lo)	52/47/39
Low Temp Operation	60
Auto Restart	Yes
Dimension (inches) W x D x H	19.17x21.97x13.46
Net Weight (lbs.)	58.86
Ship Wt lbs.	70
Window Opening W (min/max) x H	23/36 x 19.5



Smart Control

It works with
Google Assistant
and Alexa. It is
also smartphone
compatible and
can be controlled
from anywhere
through the cloud
using an app on
iOS or Android.

More Efficiency - Less Noise.

Achieve more than 35% energy savings over typical window air conditioners with the advanced DC inverter technology present in The RXTS-Series. Inverter compressor operation allows air conditioners to run at lower RPM's, using less power and creating less noise. The RXTS Window Air Conditioners can operate as low as 42 dBA – almost as quiet as a library – to provide idyllic, peaceful comfort.

Control your comfort from anywhere in the world: The RXTS-Series boasts smartphone capability, allowing iOS or Android devices to enable operation remotely – even use voice commands through Alexa or Google Assistant!



scan QR code to view video





Over 35% Energy Savings*

Inverter compressor technology keeps the system running at peak efficiency. This can mean up to 35% energy savings over traditional window air conditioners.

RXTS-Series Sizing Chart								
350 sq. ft.	450 sq. ft.	550 sq. ft.						
RXTS-81A 8,000 BTU	RXTS-101A							
	10,000 BTU	RXTS-121A 12,000 BTU						

Cooling • 5,000 to 6,000 BTUH



RG-51R

5.000 BTUH

RADS-510

5.000 BTUH

RADS-61R

6.000 BTUH Nominal

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

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

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

Cooling • 8,000 to 12,000 BTUH



RADS-81R03

8.000 BTUH

Nominal

FEATURES

RADS-101R03

- · 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



RADS-121R03

12.000 BTUH

Nominal

((P))

Nominal

R32

10.000 BTUH

- · 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

- · 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

Cooling • 15,000 to 25,000 BTUH



Electronic controls with full feature remote

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

RADS-151R01

and auto restart

FEATURES

modes

15,000 BTUH Nominal

FEATURES

RADS-183S

 Electronic controls with full feature remote and auto restart

18.000 BTUH

Nominal

- 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
- · Slide out Chassis



RADS-253R03

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
- · Slide out Chassis



Cooling • 28,000 BTUH



RAD-283S

28,000 BTUH

Cooling/Electric Heat • 8,000 to 12,000 BTUH



REG-81R01

8,000 BTUH Nominal

R32 ((O))

REG-123R01

12,000 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

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

- 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/Electric Heat • 18,000 to 23,200 BTUH



REG-183R01

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
- · Slide out Chassis



REG-243R01

23,200 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
- · Slide out Chassis



Thru-the-Wall • 8,000 to 10,000 BTUH



BG-81R02

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



BG-101R02

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



BG-103R01

10,000 BTUH Nominal

- 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

Thru-the-Wall • 12,000 to 14,000 BTUH



BG-121R02

12,000 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
- · Interior trim kit included
- · Fits standard wall sleeves
- · Auto and sleep modes



BG-123R02

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



BG-143R01

14,000 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
- · Interior trim kit included
- · Fits standard wall sleeves
- · Auto and sleep modes

Thru-the-Wall with Electric Heat • 10,000 to 14,000 BTUH



BGE-103R01

10,000 BTUH Nominal



BGE-123R01

12,000 BTUH Nominal



BGE-143R01

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

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

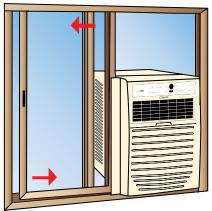
- · Electronic controls with full feature remote
- Four-way adjustable air direction
- Energy saver function, 24-hour on/off timer, auto cool and auto restart
- · Interior trim kit included
- · Fits standard wall sleeves
- · Includes electric heat

Installation Tips

Casement/Slider • 8,000 to 10,000 BTUH

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.

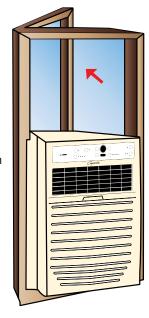


Slider Window

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



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







CD-81R01

8,000 BTUH Nominal

ominal

FEATURES

CD-101R01

• For horizontal sliding or casement windows, fits opening $20^5/16$ " to $39^7/16$ " high, starting at $15^1/2$ " wide

10,000 BTUH

Nominal

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

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
- · Slide out Chassis

Slide out Chassis

Heat Pumps • 12,000 to 18,000 BTUH



RAH-123R

12,000 BTUH

FEATURES Nominal

- · 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)
- · Slide out Chassis



RAH-183R

18,000 BTUH Nominal

- · 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)
- · Slide out Chassis

Portable Cooling • 8,000 to 12,000 BTUH



PS-81G

FEATURES

8,000 BTUH Nominal

FEATU

Cool a room without any ductwork or any special wiring, and move the unit from

- Ideal wherever temporary cooling is needed or where a window A/C isn't an option
- · Built-in condensate disposal

room to room as needed

- · 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



PS-101G

10,000 BTUH

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



PS-121H

12,000 BTUH

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

Portable Heat Pump • 14,000 BTUH

Advantages of Portable Cooling/Heating



PSH-141D

14,000 BTUH

FEATURES

- Cool and heat 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

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



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

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 BTUH	Refrigerant Type	Approx. Sq. Ft. Cooling	EER	Heating Capacity BTUH (Electric)	Electric (Volts)	Humidity Removal Pints/Hr	Smartphone Compatible	Remote Control	
		CO	OLING 8,000 to	12,000 BT	UH U-SHAPED CHASS	is				
RXTS-81A*	8,000	R-32	350	15	15 N/A 115 2.54		Yes	Yes		
RXTS-101A*	10,000	R-32	450	15 N/A 115 2.96		Yes	Yes			
RXTS-121A*	12,000	R-32	550	15	N/A	115	3.8	Yes	Yes	
			COOLIN	G 5,000 to	28,000 BTUH					
RG-51R	5,000	R-32	100-150	11.0	N/A	115	1.06	No	No	
RADS-51Q	5,000	R-32	100-150	12.1	N/A	115	1.06	No	Yes	
RADS-61R	6,000	R-32	150-250	12.1	N/A	115	1.48	Yes	Yes	
RADS-81R03	8,000	R-32	300-350	11.4	N/A	115	1.9	Yes	Yes	
RADS-101R03	10,000	R-32	400-450	11.4	N/A	115	2.33	Yes	Yes	
RADS-121R03	12,000	R-32	450-550	11.4	N/A	115	2.54	Yes	Yes	
RADS-151R01	14,500	R-32	550-700	11.3	N/A	115	3.17	Yes	Yes	
RADS-183S	17,700/18,000	R-32	700-1,000	11.8	N/A	208/230	5.35	Yes	Yes	
RADS-253R03	24,000/24,000	R-32	1,400-1,500	13.3	N/A	208/230	7.42	Yes	Yes	
RAD-283S	27,600/28,000	R-32	1,500-2,000	9.4	N/A	208/230	6.34	Yes	Yes	
			COOLIN	IG WITH ELI	ECTRIC HEAT					
REG-81R01	8,000	R-32	300-350	10.9	3500	115	1.9	Yes	Yes	
REG-123R01	11,600/12,000	R-32	450-550	10.9	8,500/11,000	208/230	2.54	Yes	Yes	
REG-183R01	18,200/18,500	R-32	700-1000	10.7	13,000/16,000	208/230	5.35	Yes	Yes	
REG-243R01	22,900/23,200	R-32	1400-1500	9.4	13,000/16,000	208/230	7.42	Yes	Yes	
			THR	J-THE-WALI	. COOLING					
BG-81R02	8,300	R-32	300-350	10.6	N/A	115	2.11	Yes	Yes	
BG-101R02	10,000	R-32	400-450	10.6	N/A	115	2.32	Yes	Yes	
BG-103R01	10,200/10,500	R-32	400-450	10.6	N/A	208/230	2.32	Yes	Yes	
BG-121R02	12,000	R-32	450-550	10.5	N/A	115	2.54	Yes	Yes	
BG-123R02	11,700/12,000	R-32	450-550	10.5	N/A	208/230	2.54	Yes	Yes	
BG-143R01	13,600/14,000	R-32	550-700	9.5	N/A	208/230	2.96	Yes	Yes	
			THRU-THE-	WALL WITH	ELECTRIC HEAT					
BGE-103R01	9,800/10,000	R-32	400-450	9.6	8,600/10,600	208/230	2.32	Yes	Yes	
BGE-123R01	11,700/12,000	R-32	450-550	9.5	8,600/10,600	208/230	2.54	Yes	Yes	
BGE-143R01	13,600/14,000	R-32	550-700	9.5	8,600/10,600	208/230	2.96	Yes	Yes	
			C	ASEMENT S	SERIES					
CD-81R01	8,000	R-32	300-350	10.8	N/A	115	0.9	No	Yes	
CD-101R01	10,000	R-32	400-450	10.4	N/A	115	1.1	No	Yes	
				HEAT PUN	MPS					
RAH-123R	11,200/11,600	R-32	450-550	9.9 / 9.9	9,900/10,200**	208/230	3.17	No	Yes	
RAH-183R	17,000/17,300	R-32	700-1000	10.4 / 10.6	14,000/14,300**	208/230	4.65	No	Yes	
				PORTABLE	A/C					
PS-81G	8,500	R-32	300-350	6.1	N/A	115	2.95	Yes	Yes	
PS-101G	10,000	R-32	400-450	6.9	N/A	115	3.84	Yes	Yes	
PS-121H	12,000	R-32	450-550	7.22	N/A	115	4.56	Yes	Yes	
PSH-141D	13,500	R-32	550-700	7.83	11000	115	5.24	Yes	Yes	
			PORTAB	LE CUBE DE	HUMIDIFIERS					
BCD-20A*	N/A	R-410	N/A	N/A	N/A	115	0.83	Yes	No	
BCD-35A*	N/A	R-410	N/A	N/A	N/A	115	1.45	Yes	No	
BCD-50A*	N/A	R-410	N/A	N/A	N/A	115	2.08	Yes	No	
			PORT	ABLE DEHU	MIDIFIERS					
BHD-22B*	N/A	R-32	N/A	N/A	N/A	115	0.93	Yes	No	
BHD-35B*	N/A	R-32	N/A	N/A	N/A	115	1.48	Yes	No	
BHD-50B*	N/A	R-32	N/A	N/A	N/A	115	2.08	Yes	No	
BHDP-50B*	N/A	R-32	N/A	N/A	N/A	115	2.08	Yes	No	
BHDP-60B*	N/A	R-32	N/A	N/A	N/A	115	2.5	Yes	No	
*Energy Star® rated ** Heat p								** Heat pum	p capacit	

^{*} Energy Star® rated



^{**} Heat pump capacity

	Ventilation Control	Fan Only Speeds	Air Delivery Max. CFM	Fan Motor Speeds	Amps Cooling	Amps Heating	dB Level (hi/med/low)	Max Fuse Size Amps	Slide- Out Chassis	Window Mounting Kit (standard)	Power Cord Plug	Window Opening W (min/max) x H	Approx. Max-Wall Thickness (in.)	Ship Weight (lbs.)	Dimensions H x W x D (with base and front in inches)
						COOLING	8,000 to 12,0	000 BTU	H U-SHAPE	D CHASSIS					
RXTS-81A*	No	3	203	3	8.78	N/A	47/42/33	15	No	Yes	Α	23/26 x 19.5	5	66	13.46 x 21.97 x 19.17
RXTS-101A*	No	3	250	3	10.17	N/A	51/45/36	15	No	Yes	Α	23/26 x 19.5	5	67	13.46 x 21.97 x 19.17
RXTS-121A*	No	3	265	3	12	N/A	52/47/39	15	No	Yes	Α	23/26 x 19.5	5	70	13.46 x 21.97 x 19.17
COOLING 5,000 to 28,000 BTUH															
RG-51R	No	2	145	2	4.6	N/A	56/52	15	No	Yes	Α	23/36 x 13	3.3	40	12.0 x 16.0 x 13.2
RADS-51Q	No	3	150	3	4	N/A	57/54/53	15	No	Yes	Α	23/36 x 14	3.3	44	12.0 x 16.0 x 13.2
RADS-61R	No	3	169	3	4.5	N/A	56/53/52	15	No	Yes	Α	23/36 x 14	5	49	13.4 x 18.5 x 15.7
RADS-81R03	No	3	188	3	6.27	N/A	61/58/54	15	No	Yes	Α	23/36 x 14	5.7	54	13.4 x 18.5 x 15.7
RADS-101R03	Yes	3	317	3	7.8	N/A	61/58/54	15	No	Yes	Α	23/36 x 15.5	7.3	66	14.6 x 21.5 x 19
RADS-121R03	Yes	3	320	3	10.1	N/A	61/56/58	15	No	Yes	Α	23/36 x 15.5	7.3	75	14.6 x 21.5 x 19.0
RADS-151R01	Yes	3	298	3	11.8	N/A	61/56/58	15	No	No	Α	23/36 x 15.5	8	79	14.6 x 21.5 x 19.0
RADS-183S	Yes	3	363	3	7.2/7.6	N/A	58/56/55	15	Yes	Yes	В	28/40.5 x 18.5	8	133	17.9 x 25.4 x 23.6
RADS-253R03	Yes	3	461	3	11.5/12.8	N/A	59/59/58	20	Yes	Yes	С	31/42 x 19.5	10	149	17.91 x 25.39 x 25.62
RAD-283S	Yes	3	461	3	13.9/14.7	N/A	61/60/60	30	No TDIC UEAT	Yes	D	31/42 x 19.5	10	155	18.6 x 26.5 x 26.5
DEC 01201	N-	_	200	_	0.0	11.0	COOLING WI					26.0/20:: 10.5	6.1	60	147,40015
REG-81R01	No No	3	308	3	8.9	11.9	66/60/57	15	No No	Yes	A C	36.8/36 x 16.5 36.8/36 x 16.5	6.1	68	14.7 x 19 x 21.5
REG-123R01 REG-183R01	No Yes	3	319 449	3	6.1/6.9 7.7/8.3	14.5/15.7 22/20	61/58/55 69/67/65	30	No Yes	Yes Yes	D	36.8/40.5 x 18.5	6.1 8	79 132	14.7 x 19 x 21.5 17.9 x 23.6 x 25.4
REG-243R01	Yes	3	477	3	10.8/11.8	22/20	68/66/64	30	Yes	Yes	D	36.8/40.5 x 18.5	10	136	17.9 x 23.6 x 25.4
NEG-245N01	163	3	411	3	10.0/11.0	22/20	THRU-THE		l .	165	, D	30.0/40.3 X 10.3	10	130	17.9 % 23.0 % 23.4
BG-81R02	No	3	270	3	7.8	N/A	56/53/50	15	No	Yes▲	А	26.8/36 x 15.5	18.0	77	14.5 x 24.2 x 20.3
BG-101R02	No	3	256	3	10	N/A	56/53/50	15	No	Yes A	A	26.8/36 x 15.5	18.0	79	14.5 x 24.2 x 20.3
BG-103R02	No	3	291	3	4.7/5.1	N/A	59/58/56	15	No	Yes *	В	26.8/36 x 15.5	18.0	80	14.5 x 24.2 x 20.3
BG-121R01	No	3	276	3	11.3	N/A	59/57/55	15	No	Yes A	A	26.8/36 x 15.5	18.0	88	14.5 x 24.2 x 20.3
BG-123R02	No	3	274	3	5.6/6.3	N/A	60/59/58	15	No	Yes A	В	26.8/36 x 15.5	18.0	87	14.5 x 24.2 x 20.3
BG-143R01	No	3	280	3	7.0/7.7	N/A	61/60/58	15	No	Yes A	В	26.8/36 x 15.5	18.0	88	14.5 x 24.2 x 20.3
	112				,		HRU-THE-WALI						1212		
BGE-103R01	No	3	286	3	5.1/5.5	15.0/13.5	66/63/61	20	No	Yes▲	С	26.8/36 x 15.5	18.0	79	14.5 x 24.2 x 20.3
BGE-123R01	No	3	274	3	6.5/7.0	15.0/13.5	65/63/61	20	No	Yes *	С	26.8/36 x 15.5	18.0	86	14.5 x 24.2 x 20.3
BGE-143R01	No	3	273	3	7.9/8.5	15.0/13.5	70/67/65	20	No	Yes *	С	26.8/36 x 15.5	18.0	88	14.5 x 24.2 x 20.3
							CASE	WENT SE	RIES						
CD-81R01	Yes	3	264	3	6.6	N/A	56/53/50	15	Yes	No	A	15.5/16.3 x 21.3	8.5	84	20.9 x 23.5 x 14.6
CD-101R01	Yes	3	323	3	8.5	N/A	59/57/55	15	Yes	No	Α	15.5/16.3 x 21.3	8.5	87	20.9 x 23.5 x 14.6
							HE	AT PUM	PS						
RAH-123R	No	3	265	3	5.3/5.1	5.3/5.1	72/70/68	20	Yes	Yes	С	23/26 x 21.3	6.6	110	15.3 x 22.6 x 23.6
RAH-183R	Yes	3	541	3	7.8/7.3	7.0/6.5	72/70/68	20	Yes	Yes	С	23/26 x 21.3	7.6	159	16.9 x 26.0 x 27.8
							POR	TABLE /	A/C						
PS-81G	No	2	165	2	7.3	N/A	56/53	15	N/A	Yes	А	N/A	N/A	54	25.0 x 15.1 x 14.21
PS-101G	No	2	177	2	9.1	N/A	55/52	15	N/A	Yes	Α	N/A	N/A	62	27.7 x 15.57 x 14.96
PS-121H	No	3	237	3	12	N/A	55/54/53	15	N/A	Yes	А	N/A	N/A	77	27.6 x 19.29 x 15.94
PSH-141D	No	3	333	3	11.7	10.9	57.5/55/53.5	15	N/A	Yes	А	N/A	N/A	88	30.1 x 20.16 x 17.4
							PORTABLE CL	JBE DEH	UMIDIFIER	IS .					
BCD-20A*	No	2	N/A	2	N/A	N/A	44/42	15	No	No	А	N/A	N/A	36.2	13.5 x 13.5 x 13.5
BCD-35A*	No	2	N/A	2	N/A	N/A	45/42.5	15	No	No	A	N/A	N/A	44.2	14.8 x 14.8 x 14.5
BCD-50A*	No	2	N/A	2	N/A	N/A	49.5/48	15	No	No	Α	N/A	N/A	45.2	14.8 x 14.8 x 14.5
							PORTABLE	DEHUN	IIDIFIERS						
BHD-22B*	No	2	N/A	2	N/A	N/A	56/51	15	No	No	A	N/A	N/A	34.5	19.7 x 15.20 x 10.3
BHD-35B*	No	2	N/A	2	N/A	N/A	54.5/49	15	No	No	A	N/A	N/A	43.6	24.3 x 15.5 x 11.2
BHD-50B*	No	2	N/A	2	N/A	N/A	54.5/49	15	No	No	А	N/A	N/A	44.3	24.3 x 15.5 x 11.2
BHDP-50B*	No	2	N/A	2	N/A	N/A	54.5/45	15	No	No	Α	N/A	N/A	45.2	24.3 x 15.5 x 11.2
BHDP-60B*	No	2	N/A	2	N/A	N/A	59/55	15	No	No	Α	N/A	N/A	62.6	24.7 x 18.9 x 14.2

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

Portable Cube Dehumidifiers • 20 to 50 pints per day

BCD-Series - Minimalist Beauty

Note the minimalist design features that compliment any décor, making the Cube something to be proud of - not an appliance to hide. The Cube is not all about looks, however. Designed to stand over an existing floor drain for easy condensate removal, the Cube can also utilize the extra-large reservoir holding over 3 gallons of condensate if a floor drain is not available. That is 4 times the amount of capacity of typical dehumidifiers! Imagine allowing your dehumidifier to run for a week at a time without having to pour out the condensate. Emptying the tank is a cinch too - since the Cube tank is a bucket-design with an integral handle for easy lifting and pouring. Not at all like

the small and awkward door tanks used on most

dehumidifiers that spill while emptying.



- 115V
- · 24 hour timer
- · Auto restart
- · Electronic controls
- · Low temperature operation
- · Automatic Water Level Shut-Off
- · Energy Star Certified
- · Casters for easy portability







BCD-20A

20 pints/day Bucket Capacity: 25 pints

SPECIFICATIONS

Capacity (pts per day)	20.04
Voltage	115V, 1ph, 60hz
Energy Factor L/kWH	1.7
Energy Star®	Yes
Input Watts/Amps	230/2.1
24 Hour On/Off Timer	Yes
Electronic Controls	Yes
Fan Speeds	2
Sound Level (dBa) (Hi/Mi/Lo)	44/42
Low Temp Operation	41F
Set/Room Humidity Display	Yes
Full Bucket/Auto Shut-Off	Yes
Auto Restart	Yes
Auto Defrost Control	Yes
Bucket Capacity	25 pints
Pump Lift	N/A
Dimension (inches) W x D x H	13.5 x 13.5 x 13.5
Net Weight (lbs.)	33.3
Ship Wt lbs.	36.2

BCD-35A

35 pints/day Bucket Capacity: 33.8 pints

SPECIFICATIONS

Capacity (pts per day)	35.08
Voltage	115V, 1ph, 60hz
Energy Factor L/kWH	1.9
Energy Star®	Yes
Input Watts/Amps	345/3.1
24 Hour On/Off Timer	Yes
Electronic Controls	Yes
Fan Speeds	2
Sound Level (dBa) (Hi/Mi/Lo)	45/42.5
Low Temp Operation	41F
Set/Room Humidity Display	Yes
Full Bucket/Auto Shut-Off	Yes
Auto Restart	Yes
Auto Defrost Control	Yes
Bucket Capacity	33.8 pints
Pump Lift	N/A
Dimension (inches) W x D x H	14.8 x 14.8 x 14.5
Net Weight (lbs.)	41.1
Ship Wt lbs.	44.2

BCD-50A

50 pints/day

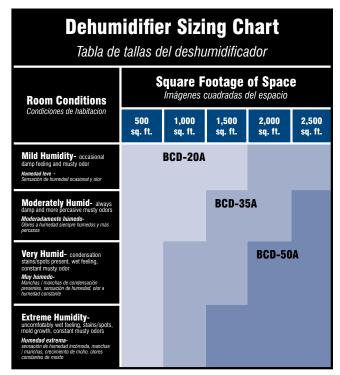
Bucket Capacity: 33.8 pints

SPECIFICATIONS

Capacity (pts per day)	49.58
Voltage	115V, 1ph, 60hz
Energy Factor L/kWH	1.95
Energy Star®	Yes
Input Watts/Amps	480/4.4
24 Hour On/Off Timer	Yes
Electronic Controls	Yes
Fan Speeds	2
Sound Level (dBa) (Hi/Mi/Lo)	49.5/48
Low Temp Operation	41F
Set/Room Humidity Display	Yes
Full Bucket/Auto Shut-Off	Yes
Auto Restart	Yes
Auto Defrost Control	Yes
Bucket Capacity	33.8 pints
Pump Lift	N/A
Dimension (inches) W x D x H	14.8 x 14.8 x 14.5
Net Weight (lbs.)	41.7
Ship Wt lbs.	45.2

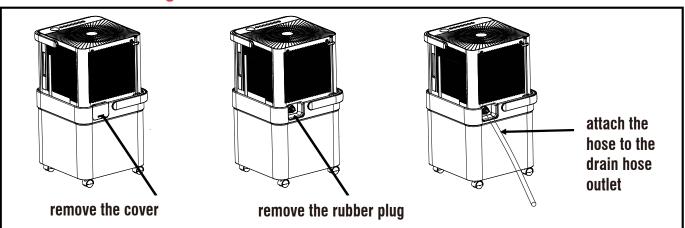




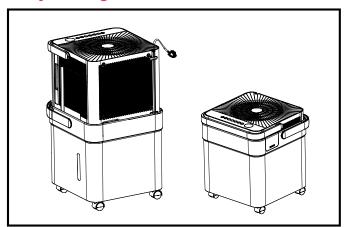


Capacity needed is shown in pints per day, these are guidelines only.

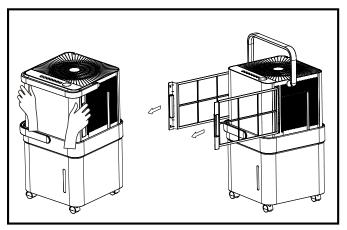
Continuous Draining



Easy Storage



Cleaning the Air Filter



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-22B

Capacity 22 pints/day Bucket Capacity: 6.34 pints

BHD-35B

Capacity 35 pints/day Bucket Capacity: 12.68 pints

BHD-50B

Capacity 50 pints/day Bucket Capacity: 12.68 pints



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



BHDP-60B

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 continously 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- 22 <mark>8</mark>	BHD- 35 <mark>B</mark>	BHD- 50 B	BHDP-50B	BHDP-60B
Pts/Day	22	35	50	50	60
Input Amps	2.2	3.3	4.6	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)	56/51	54.5/49	54.5/49	54.5/45	59/55
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.	34.5	43.6	44.3	45.2	62.6



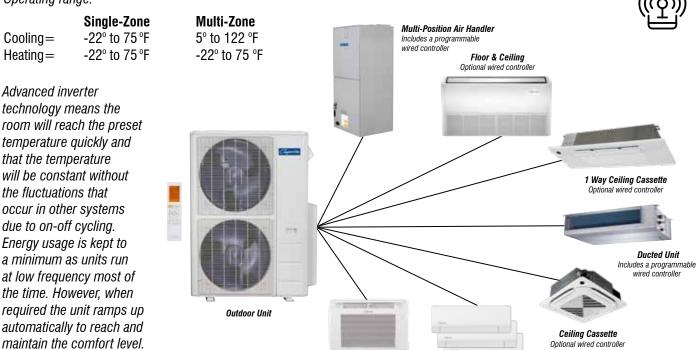


VHP UltraV Series Multi Zone Mini-Splits

Our new UltraV Series will heat or cool when outdoor temperatures reach -22° F. Multi-zone units run at 100% capacity at 5° F. Single zones maintain 100% capacity at 0° F! This makes these units well suited to installations requiring year 'round conditioning, both residential and light commercial.



Operating range:



Optional wired controller Optional wired controller UP TO 23 SEER2

Floor Console

High Wall Mount

Indoor Ceiling		Floor Mount	
Cassette	Capacity BTUH per unit	Indoor Unit	Capacity BTUH per unit
B-VHP09CA-1	9,000 cool, 10,000 heat	B-VHP09WA-1	9,000 cool, 9,000 heat
B-VHP12CA-1	12,000 cool, 12,000 heat	B-VHP12WA-1	12,000 cool, 12,000 heat
B-VHP18CA-1	16,000 cool, 19,000 heat	B-VHP18WA-1	16,000 cool, 17,000 heat
B-VHP24CA-1	23,500 cool, 25,000 heat	Ducted Unit	Capacity BTUH per unit
Cover Panel for Indoor		B-VHP09DA-1	9,000 cool, 9,900 heat
Ceiling Cassette	Dimensions/Weight	B-VHP12DA-1	12,000 cool, 12,000 heat
C-VHP91218CA-1	25.47 X 25.47 X 1.97, 5.51lbs.	B-VHP18DA-1	17,500 cool, 19,500 heat
C-VHP24CA-1	35.60 x 35.68 x 1.97, 7.52 lbs.	B-VHP24DA-1	24,000 cool, 26,000 heat
Floor/Ceiling Mount Indoor	Capacity BTUH per unit	B-VHP36DA-1	36,000 cool, 42,000 heat
B-VHP18UA-1	17,000 cool, 19,000 heat	Outdoor Unit	Capacity BTUH per unit
B-VHP24UA-1	22,000 cool, 26,000 heat	A-VHP183A-1	19,000 cool, 20,000 heat
One Way Cassette	Capacity BTUH per unit	A-VHP284A-1	27,000 cool, 27,000 heat
B-VHP061A-1	6,500 cool, 7,400 heat	A-VHP365A-1	36,000 cool, 36,000 heat
		A-VHP486A-1	47,000 cool, 49,000 heat
B-VHP091A-1	9,00 cool, 10,900 heat	A-VHP556A-1	51,000 cool, 55,000 heat
B-VHP121A-1	12,000 cool, 12,500 heat		
B-VHP181A-1	16,700 cool, 20,000 heat		

^{*}Outdoor units-Energy Star® compliant when combined with indoor units having an (*) by model number in above table

VHP-V Series Multi-Position Air Handler

Multi-Position Air Handler						
Features	A-VHP18AA-1	A-VHP24AA-1	A-VHP30AA-1	A-VHP36AA-1		
Cooling Capacity BTUH	18,000	23,000	33,000	36,000		
Heating Capacity BTUH	19,500	26,000	35,000	38,000		
Air Flow Range (CFM)	489-577	630-759	866-1084	866-1084		
Fan Speeds	3	3	3	3		
Sound Level Range (dBA)	30-43	26-44	35-48	31-47		
Volts / Hz / Phase	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60		
Voltage Range	187-253	187-253	187-253	187-253		
Cooling Input Power (W)	1500	1916	2820	3080		
Cooling Rated Current (A)	9.1	8.7	12.5	13.4		
Heating Input Power (W)	1570	2180	2800	3289		
Heating Rated Current (A)	9.5	9.7	12.3	14.3		
Min. Circuit Ampacity	3.5	4	6	6		
Max. Fuse	15	15	15	15		
СОР	3.64	3.5	3.66	3.39		
Wireless Remote Control	YES	YES	YES	YES		
Wired Programmable Control	YES	YES	YES	YES		
Smart Phone Capable	YES	YES	YES	YES		
Width (inches)	17.52	17.52	21.02	21.02		
Height (inches)	45	45	49.02	49.02		
Depth (inches)	21.02	21.02	21.02	21.02		
NET WT / Shipping Wt. (lbs)	108.72/125.66	108.72/125.66	127.87/153.10	127.87/153.10		
Liquid / Suction Size (inches)	1/4" x 1/2"	3/8" x 5/8"	3/8" x 3/4"	3/8" x 3/4"		

Features

- Aluminum-alloy traditional fin-and-tube coil construction for maximum durability and corrosion resistance
- Efficient and quiet ECM blower motor
- Accepts traditional 24VAC thermostats for convenience and advanced control options
- Optional electric resistance heat kits (up to 15kW) provides auxiliary heat source for comfort during the worst conditions
- Beautiful and durable gloss enameled-steel construction with insulated construction provides less than 2% cabinet leakage
- Built-in return filter rack for 20"x 20"x 1" Filter
- Wired programmable control included



	Auxiliary Heat Kits								
	Power of Electric Heater	1.5 ton / 18K	2 ton / 24K	Number of Circuits	Voltage	Circuit 1 MCA	Circuit 2 MCA	Circuit 1 Max. Fuse	Circuit 2 Max. Fuse
	EXP3KW	YES	NO	1	208/230V	14A/16A	-	15A/20A	-
Optional	EXP5KW	YES	YES	1	208/230V	23A/27A	-	25A/30A	-
Electric	EXP8KW	YES	YES	1	208/230V	37A/42A	-	40A/45A	-
Heater	EXP10KW	YES	YES	1	208/230V	46A/53A	-	50A/60A	-
	EXP15KW	NO	YES	2	208/230V	23A/27A	46A/53A	25A/30A	50A/60A







PLENUM SIZES		
SUPPLY AIR	18+24K= 12"D x 16"W	
RETURN AIR	24+36K= 20"D x 16"W	

VHP-V UltraV Series Single Zone Mini-Splits

Super efficient heat pumps are rated up to 28.1 SEER2 and operate down to -22°F. 100% capacity at 0°F. Inverter technology saves up to 40% in energy consumption.



A- (outdoor) B- (indoor)



Includes wireless remote



208/230-1-60

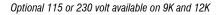
UP TO 28.1 SEER2

Outdoor Model	Specifications
A-VHP06SA-1	6,000 cool, 7,000 heat, 25.5 SEER2, 18 EER2, 14.8 HSPF2
A-VHP09SA-1	9,000 cool, 12,000 heat, 27.4 SEER2, 15.4 EER2, 12.5 HSPF2
A-VHP12SA-1	12,000 cool, 12,000 heat, 25.4 SEER2, 13.4 EER2, 10.5 HSPF2
A-VHP18SA-1	18,000 cool, 18,000 heat, 21.4 SEER2, 12.5 EER2, 11.0 HSPF2
A-VHP24SA-1	24,000 cool, 29,000 heat, 21 SEER2, 13 EER2, 13.5 HSPF2
A-VHP33SA-1	33,000 cool, 36,000 heat, 19 SEER2, 12 EER2, 10.5 HSPF2
Indoor Model	Cuccifications
muoor mouci	Specifications
B-VHP06SA-1	6,000 cool, 7,000 heat, 324 max. CFM
	•
B-VHP06SA-1	6,000 cool, 7,000 heat, 324 max. CFM
B-VHP06SA-1 B-VHP09SA-1	6,000 cool, 7,000 heat, 324 max. CFM 9,000 cool, 12,000 heat, 324 max. CFM
B-VHP06SA-1 B-VHP09SA-1 B-VHP12SA-1	6,000 cool, 7,000 heat, 324 max. CFM 9,000 cool, 12,000 heat, 324 max. CFM 12,000 cool, 12,000 heat, 324 max. CFM

SSP-SA Series Single-Zone Heat Pumps

UP TO 19 SEER2

Model	Specifications
SSP09SA-0	9,000 cool/9,800 heat BTU, 115V, 18 SEER2, 10.1 EER2, 9 HSPF2
SSP09SA-1	9,000 cool/10,000 heat BTU, 208/230V, 19 SEER2, 10.9 EER2, 9.7 HSPF2
SSP12SA-0	12,000 cool/12,000 heat BTU, 115V, 19 SEER2, 8.8 EER2, 9.2 HSPF2
SSP12SA-1	12,000 cool/12,000 heat BTU, 208/230V, 18 SEER2, 8.8 EER2, 8.8 HSPF2
SSP18SA-1	17,000 cool/18,000 heat BTU, 208/230V, 18.3 SEER2, 9.9 EER2, 8.7 HSPF2
SSP24SA-1	24,000 cool/24,000 heat BTU, 208/230V, 17 SEER2, 9.0 EER2, 8.5 HSPF2



Our SSP-Series, rated up to 19 SEER2, 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 programmable wired controller and smartphone compatability sold separately







Ductless Mini-Splits

SVH-SB Series Single-Zone Heat Pumps

UP TO 18.5 SEER2

Model	Specifications
SVH09SB-0	9,000 cool/9,800 heat BTU, 115V, 17 SEER2, 10.1 EER2, 9 HSPF2
SVH09SB-1	9,000 cool/9,800 heat BTU, 208/230V, 18.5 SEER2, 10.5 EER2, 8.8 HSPF2
SVH12SB-0	12,000 cool/12,000 heat BTU, 115V, 17.4 SEER2, 8.8 EER2, 8.7 HSPF2
SVH12SB-1	12,000 cool/12,000 heat BTU, 208/230V, 17.6 SEER2, 8.8 EER2, 8.8 HSPF2
SVH18SB-1	18,000 cool/18,000 heat BTU, 208/230V, 18.3 SEER2, 9.9 EER2, 8.7 HSPF2
SVH24SB-1	24,000 cool/24,000 heat BTU, 208/230V, 17 SEER2, 8.9 EER2, 8 HSPF2

Optional 115 or 230 volt available on 9K and 12K

Our SVH-Series, rated up to 18.5 SEER2, 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 programmable wired controller and smartphone compatability sold separately



DVH-SG Series Single-Zone Heat Pumps

UP TO 19 SEER

Model	Specifications
DVH09SG-0	9,000 cool/9,000 heat; HP, 19 SEER, 12 EER, 10.0 HSPF
DVH09SG-1	9,000 cool/9,000 heat; HP, 19 SEER, 10.5 EER, 9.5 HSPF
DVH12SG-1	12,000 cool/12,000 heat; HP, 19 SEER, 11.0 EER, 9.5 HSPF
DVH24SG-1	24,000 cool/25,000 heat, HP, 17 SEER, 9.5 EER, 9.5 HSPF

Power Supply: 9K and 12K: 115V; 18K and 24K: 208/230V

Efficient, economical comfort with cooling, heating, fan only, sleep and dehumidification modes. Built with 24-hour timer, superior filtration and auto temperature compensation.

VMH-V UltraV Series Single Zone Mini-Splits

Super efficient heat pumps are rated up to 28.1 SEER2 and operate down to -22°F. 100% capacity at 0°F. Inverter technology saves up to 40% in energy consumption.



Includes wireless remote

208/230-1-60

UP TO 28.1 SEER2

Outdoor Model	Specifications
A-VMH06SV-1	6,000 cool, 9,000 heat, 26.5 SEER2, 15.8 EER2, 13.6 HSPF2
A-VMH09SV-1	9,000 cool, 12,000 heat, 28.1 SEER2, 16.2 EER2, 11.5 HSPF2
A-VMH12SV-1	12,000 cool, 11,800 heat, 25.5 SEER2, 14 EER2, 10.4 HSPF2
A-VMH18SV-1	17,000 cool, 20,270 heat, 21.5 SEER2, 12.5 EER2, 11.3 HSPF2
A-VMH24SV-1	24,000 cool, 19,800 heat, 21.5 SEER2, 13 EER2, 11.4 HSPF2
A-VMH33SV-1	33,000 cool, 27,800 heat, 20 SEER2, 11.4 EER2, 10 HSPF2
Indoor Model	Specifications
Indoor Model B-VMH06SV-1	Specifications 6,000 cool, 6,000 heat, 318 max. CFM
	•
B-VMH06SV-1	6,000 cool, 6,000 heat, 318 max. CFM
B-VMH06SV-1 B-VMH09SV-1	6,000 cool, 6,000 heat, 318 max. CFM 9,000 cool, 9,000 heat, 336 max. CFM
B-VMH06SV-1 B-VMH09SV-1 B-VMH12SV-1	6,000 cool, 6,000 heat, 318 max. CFM 9,000 cool, 9,000 heat, 336 max. CFM 12,000 cool, 12,000 heat, 336 max. CFM





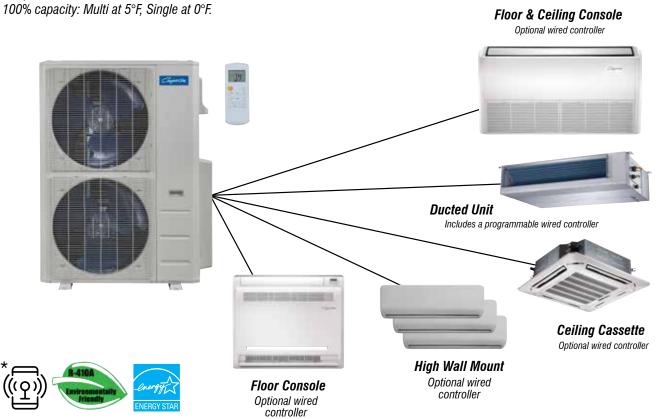
VMH-U UltraV Series—Multi Zone Mini-Splits

Our new UltraV Series features a wide operating range with higher capacities in low temperatures. This allows the unit to operate in the 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.



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-VMH12FV-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-VMH24CV-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		B-VMH18DU-1	18,000 cool, 18,000 heat, 530 max. CFM
Ceiling Cassette	Dimensions/Weight	B-VMH24DU-1	24,000 cool, 24,000 heat, 776 max. CFM
C-VMH91218CU-1*	25.47" x 25.47" x 1.97", 5.51 net, 9.92 ship	±0 14	
C-VMH24CV-1*	37.4" x 37.4" x 2.17", 11.02 net, 17.64 ship		:-Energy Star® compliant when combined with indoor n (*) by model number in above table
Floor/Ceiling Mount Indoor	Capacity BTUH per unit	· ·	
B-VMH18UU-1*	18,000 cool, 18,000 heat, 666 max. CFM		
B-VMH24UU-1*	24,000 cool, 24,000 heat, 880 max. CFM		

VMH-V UltraV Series / Multi Zone Mini-Splits

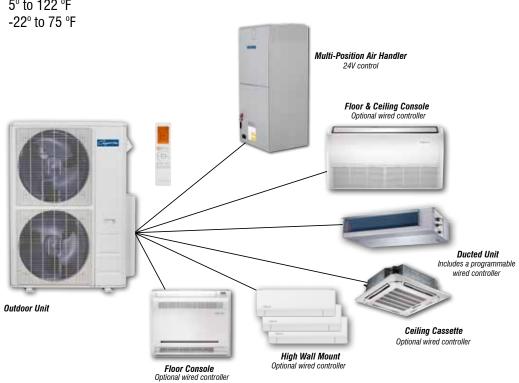
Our new UltraV Series will heat or cool when outdoor temperatures reach -22° F. Multi-zone units run at 100% capacity at 5° F. Single zones maintain 100% capacity at 0° F! This makes these units well suited to installations requiring year 'round conditioning, both residential and light commercial. Operating range:

 Single-Zone
 Multi-Zone

 Cooling=
 -22° to 75 °F
 5° to 122 °F

 Heating=
 -22° to 75 °F
 -22° to 75 °F

Advanced inverter technology means the room will reach the preset temperature quickly and that the temperature will be constant without the fluctuations that occur in other systems due to on-off cycling. 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.





208/230-1-60 UP TO 23 SEER2

		_	
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-VMH12FV-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-VMH24CV-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		B-VMH18DU-1	18,000 cool, 18,000 heat, 530 max. CFM
Ceiling Cassette	Dimensions/Weight	B-VMH24DU-1	24,000 cool, 24,000 heat, 776 max. CFM
C-VMH91218CU-1*	25.47" x 25.47" x 1.97", 5.51 net, 9.92 ship	Outdoor Unit	Capacity BTUH per unit
C-VMH24CV-1*	37.4" x 37.4" x 2.17", 11.02 net, 17.64 ship	A-VMH18DV-1	19,000 cool, 20,000 heat, 22 SEER2, 12.5 EER2, 9.8 HSPF2
Floor/Ceiling Mount Indoor	Capacity BTUH per unit	A-VMH28TV-1	28,000 cool, 28,000 heat, 23 SEER2, 12.5 EER2, 10.6 HSPF2
B-VMH18UU-1*	18,000 cool, 18,000 heat, 666 max. CFM	A-VMH36QV-1	36,000 cool, 36,500 heat, 22.2 SEER2, 13.6 EER2, 10.3 HSPF2
B-VMH24UU-1*	24,000 cool, 24,000 heat, 880 max. CFM	A-VMH36QV-1A	36,000 cool, 36,500 heat, 22.4 SEER2, 12.5 EER2, 10.9 HSPF2
	<u> </u>	A-VMH48PV-1	48,000 cool, 37,800 heat, 21.8 SEER2, 11.7 EER2, 9.8 HSPF2
		A-VMH55PV-1	55.000 cool, 76.000 heat, 21.8 SEER2, 10.5 EER2, 9.3 HSPF2

^{*}Outdoor units-Energy Star® compliant when combined with indoor units having an (*) by model number in above table

VMH-V UltraV Series Air Handler

UP TO 23 SEER2

Model	Specifications					
B-VMH18AV-1	18,000 cool/23,000 heat BTU, 23 SEER2, 12.5 EER2, 10.6 HSPF2, 208/230V					
B-VMH24AV-1	19,000 cool/26,000 heat BTU, 208/230V					

- Aluminum-alloy traditional fin-and-tube coil construction for maximum durability and corrosion resistance
- · Efficient and quiet ECM blower motor
- Accepts traditional 24VAC thermostats for convenience and advanced control options
- Optional electric resistance heat kits (up to 15kW) provides auxiliary heat source for comfort during the worst conditions
- Beautiful and durable gloss enameled-steel construction with insulated construction provides less than 2% cabinet leakage
- Built-in return filter rack for 20"x 20"x 1" Filter





Auxiliary Heat Kits								
	Power of Electric Heater	1.5 ton / 18K	2 ton / 24K					
Optional Electric Heater	ECD3KW	YES						
	ECD5KW	YES	YES					
	ECD8KW	YES	YES					
	ECD10KW	YES	YES					
	ECD15KW		YES					

Notes

VFH - InverterFlex® Series Multi-Zone Heat Pumps

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 can be as low as 50% of the outdoor unit's capacity.



208/230-1-60 UP TO 21 SEER2

Outdoor Unit	System Capacity BTUH Cooling/Heating	Ducted Unit	Capacity BTUH per unit		
A-VFH18DC-1	18,000 cool, 18,000 heat, 21 SEER2, 12.0 EER2, 10 HSPF2	B-VFH09DA-1	8,500 cool, 9,500 heat, 265 max. CFM		
A-VFH24TC-1	23,200 cool, 23,600 heat, 21 SEER2, 12.5 EER2, 10 HSPF2	B-VFH12DA-1	11,900 cool, 13,100 heat, 324 max. CFM		
A-VFH30QB-1	29,000 cool, 32,000 heat, 20 SEER2, 11.8 EER2, 8.6 HSPF2	B-VFH18DA-1	15,300 cool, 18,700 heat, 412 max. CFM		
A-VFH36QB-1	34,000 cool, 41,000 heat, 21 SEER2, 11.8 EER2, 8.6 HSPF2	B-VFH21DA-1	20,400 cool, 22,600 heat, 588 max. CFM		
A-VFH42PB-1	39,000 cool, 45,000 heat, 21 SEER2, 10.4 EER2, 8.6 HSPF2	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-VFH09MC-1	9,100 cool, 10,000 heat, 353 max. CFM	B-VFH09FA-1	9,000 cool, 9,500 heat, 383 max. CFM		
B-VFH12MC-1	12,000 cool, 12,000 heat, 424 max. CFM	B-VFH12FA-1	12,000 cool, 13,000 heat, 441 max. CFM		
B-VFH18MC-1	17,600 cool, 19,100 heat, 618 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 Ceiling		Indoor Unit	Capacity BTUH per unit		
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
- Quite 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







B = R410A Refrigerant C = R32 Refrigerant

	COOLIN	COOLING ONLY		COOLING ONLY		COOLING ONLY With Electric Heat		HEAT PUMP WITH ELECTRIC HEAT		HEAT PUMP WITH ELECTRIC HEAT	
FEATURE	PTTC09B-1	PTTC128-1	PTTC09C-1	PTTC12C-1	PTTE09C-1	PTTE12C-1	PTTH09B-1	PTTH128-1	PTTH09C-1	PTTH12C-1	
Cooling BTUH	9100/ 9300	11800/ 12000	9,200/ 9,400	12,200/ 12,600	9,200/ 9,400	12,200/ 12,600	9100/ 9300	11500/ 11700	9,100/ 9,300	11,800/ 12,000	
EER	9.8/9.8	9.8/9.8	10.2/10.0	9.8/9.8	10.2/10.0	9.8/9.8	9.7/9.7	9.6/9.6	9.8/9.8	9.5/9.5	
Cooling Amps	4.7/4.3	6.1/5.7	4.1/4.1	6.1/5.7	4.4/4.1	6.1/5.7	4.8/4.4	6.1/5.6	4.8/4.4	6.1/5.6	
Max. Current Amps	6.1	15.2	6.3	8.3	6.3	8.3	15.2	15.2	6.3	8.3	
Cooling Watts	930/ 950	930/ 950	900/ 940	1,250/ 1,290	900/ 940	1,250/ 1,290	1200/ 1220	1200/ 1220	930/ 950	1,240/ 1,260	
Heat Pumpt BTUH	/	/	/	/	/	/	8600/ 8800	11200/ 11400	8,400/ 8,600	10,800/ 11,100	
C.O.P. @ 47°F	/	/	/	/	/	/	10.2/10.2	9.9/9.9	10.3/10.3	9.5/9.5	
Heat Pump Amps	/	/	/	/	/	/	4.3/4.0	5.9/5.4	4.3/4.0	5.9/5.4	
Electric Heat Amps	/	/	/	/	14.2/15.7	14.2/15.7	14/15.2	14/15.2	14.2/15.7	14.2/15.7	
Electric Heating Watts	/	/	/	/	2,950/ 3,600	2,950/ 3,600	2900/ 3500	2900/ 3500	2,950/ 3,600	2,950/ 3,600	
Power Cord	LCDI 15 amp	LCDI 15 amp	LCDI-15A	LCDI-15A	LCDI-20A	LCDI-20A	LCDI 20 amp	LCDI 20 amp	LCDI-20A	LCDI-20A	
Dehum. Pts/Hr	2.32	3.49	2.32	3.49	2.32	3.49	2.32	3.49	3.49	3.49	
Airflow CFM	282/ 259/235	282/ 259/235	235/ 259/282	235/ 259/282	224/ 247/271	224/ 247/271	271/ 247/224	271/ 247/224	224/ 247/271	224/ 247/271	
Indoor Sound Max. dB(A)	69/67/65	69/67/65	55/57/59	55/57/59	55/57/59	55/57/59	69/67/65	69/67/65	55/57/59	55/57/59	
Out. Sound Max dB(A)	79/79/79	79/79/79	66	66	66	66	79/79/79	79/79/79	66	66	
Net Wt./Shipping Wt. (lbs)	70.5/84	78/92	71.7/79.4	80.5/88.2	73.9/80.5	81.6/89.3	83/96	86/99	80.5/88.2	86/93.7	

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

Some series available in Sea Coast coating, see brochure CA-42PT-H_SPEC.



7602-501F—Stamped grille

7602-505F—Architectural grille aluminum color- clear

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

208/230V COOLING ONLY WITH ELECTRIC HEAT

FEATURE	PTACO7H130A	PTAC09H130A	PTAC12H130A	PTAC12H150A	PTAC15H130A	PTAC15H150A
Cooling BTUH	7,200/7,300	9,000/9,200	11,800/12,000	11,800/12,000	14,500/14,700	14,500/14,700
EER	13.1	11.3	10.7	10.7	10.6	10.6
Cooling Amps	3.1/3.4	4.3/4.9	5.5/6.1	5.5/6.1	7.5/8.9	7.5/8.9
Max. Current Amps	3.6	5.2	7.7	7.7	11.0	11.0
Cooling Watts	550/560	780/790	1,060/1,080	1,060/1,080	1,370/1,390	1,370/1,390
Electric Heater kW @ 208/230	2,150/2,580	2,150/2,580	2,897/3,500	4,100/5,000	2,897/3,500	4,100/5,000
Elec. Heat BTUH @ 230V	7,800	7,800	10,900	15,000	10,900	15,000
Power Cord	LCDI (6-15P)	LCDI (6-20P)	LCDI (6-20P)	LCDI (6-20P)	6-20P	6-20P
Airflow CFM	346	430	432	432	431	431
Indoor Sound Max dB(A)	51	50	52	52	51	51
Out. Sound Max dB(A)	67	63	67	67	65	65
Net Wt./Shipping Wt.	98/107	97/106	104/113	104/113	106/115	106/115

208/230V HEAT PUMP WITH ELECTRIC HEAT

FEATURE	PTHP07H130A	PTHP09H130A	PTHP12H130A	PTHP12H150A	PTHP15H130A	PTHP15H150A
Cooling BTUH	7,100/7,200	9,200/9,300	11,800/12,000	11,800/12,000	14,500/14,700	14,500/14,700
EER	13.1	11.4	10.5	10.5	10.6	10.6
Cooling Amps	3.0/3.3	4.2/4.6	5.3/5.8	5.3/5.8	6.5/7.4	6.5/7.4
Max. Current Amps	3.6	5.2	8.0	8.0	11.0	11.0
Cooling Watts	540/550	810/820	1,020/1,040	1,020/1,040	1,370/1,390	1,370/1,390
Heat Pump BTUH	6,000/6,200	7,900/8,100	10,500/10,800	10,500/10,800	13,200/13,500	13,200/13,500
C.O.P. @ 47°F	3.60	3.40	3.20	3.20	3.20	3.20
Heating Amps	2.6/2.7	3.9/4.3	5.0/5.3	5.0/5.3	6.0/6.4	6.0/6.4
Heating Watts	460/480	690/720	850/890	850/890	1,120/1,170	1,120/1,170
Electric Heater kW @ 208/230	2,150/2,580	2,150/2,580	2,897/3,500	4,100/5,000	2,897/3,500	4,100/5,000
Elec. Heat BTUH @ 230V	7,800	7,800	10,900	15,000	10,900	15,000
Power Cord	6-15P	6-20P	6-20P	6-20P	6-20P	6-20P
Airflow CFM	355	364	439	439	417	417
Indoor Sound Max. dB(A)	51	50	52	52	53	53
Out. Sound Max dB(A)	67	64	67	67	67	67
Net Wt./Shipping Wt.	102/111	100/108	111/119	111/119	114/123	114/123







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."



