

2007 Room Air Conditioners

The Power To Make Every Room More Comfortable



Turn to the Experts.™



2007 Room
AIR CONDITIONERS

Quiet, Efficient Comfort From the
Worldwide Leader in Air Conditioning

Room after room, Carrier comes through with quiet, efficient comfort.

The whole world knows the Carrier name. With more than a century of innovation behind us, ours is a name that has become synonymous not just with air conditioning, but with efficiency, quietness, dependability and environmental friendliness.

For 2007, we are once again offering a wide selection of popular models, including some exciting new additions. The Carrier family now includes more touch-pad and remote controlled choices than we've ever offered before.

For cooling and heating in homes, offices, institutions, retail settings, shops and many other locations, Carrier has always been the name to trust.

Calculate your cooling requirements.

Use this handy calculator as a guide to determine which Carrier model is best suited for your location.

Area to be cooled (sq. ft.)	Cooling Capacity (Btu / Hr)
100-250	5,000-6,000
250-400	6,000-8,500
400-550	8,500-11,000
550-875	11,000-15,000
875-1,200	15,000-19,000
1,200-1,600	19,000-24,000
1,600-1,800	24,000-27,000
1,800-2,800	27,000-33,000

Assumptions: Two occupants per room; average insulation, number of windows, sun exposure. Adjust for conditions as follows: if heavily shaded, reduce capacity by 10%. If exposed to sun most of the day, add 10%. If usually occupied by more than two people, add 600 Btu/Hr per person. For accurate measurements for kitchens, please contact your Carrier Representative.

KC Series

Air Conditioners (cool only) 5,000-7,600 Btu/Hr

The KC Series features easy-to-use touch-pad and remote controls. Quiet comfort for living areas ranging from 100-400 square feet.



KC features:

- Electronic touch-pad controls
- Remote control for added convenience
- Air flow and fan speed control
- Precision setting for maximum personal comfort
- Easy cleaning and maintenance
- Quiet, reliable operation
- Easy access filter

Also available:

KCD051D with electro-mechanical control dials. Includes all the above features, but no remote control.



Cool Only Model	Voltage	Cooling Capacity (Btu/Hr)	EER
KCD051D	115	5,000	9.7
KCA061P	115	5,850	9.7
KCC081P	115	7,600	9.8

Window dimensions:

Models KCD051D and KCA061P fit windows 21" to 35" wide, with a minimum opening height of 13".

Model KCC081P fits windows 22" to 36" wide, with a minimum opening height of 14".

KC Series

Air Conditioners (cool only) 10,000 -12,000 Btu/Hr

These two models in the KC Series feature easy-to-use touch-pad and remote controls. Quiet cooling for living areas 450-600 square feet.



KC features:

- Slide-out chassis
- Electronic touch-pad controls
- Remote control for added convenience
- Air flow and fan speed control
- Precision setting for maximum personal comfort
- Easy cleaning and maintenance
- Quiet, reliable operation
- Easy access filter

Cool Only Model	Voltage	Cooling Capacity (Btu/Hr)	EER
KCA101P	115	10,000	9.8
KCA121P	115	12,000	9.8

Window dimensions:

Model KCA101P fits windows 24" to 38" wide, with a minimum opening height of 15".

Model KCA121P fits windows 27" to 41" wide, with a minimum opening height of 16".

For higher-capacity KCA cool-only models, see the KH/KC Series, next column.

World-class warranty protection.

Every Carrier Room Air Conditioner is backed by a comprehensive warranty to ensure your complete confidence and satisfaction. You're covered by a Full Parts & Labor Warranty for the first year, and a Limited Warranty on the sealed refrigeration system for years two through five.



You can also take advantage of The Carrier Performance Guarantee, our optional five-year extended service plan. See your Authorized Carrier Dealer for details.

KH/KC Series

Air Conditioners (cool only & heat/cool) 12,000-23,450 Btu/Hr

These units offer quiet comfort for living areas, offices and shops, 450-1,600 square feet. Includes two heat/cool (KH) units, and four cool only (KC) units.



KH/KC features:

- Electronic controls with remote
- 24 Hour start/stop timer settings
- Energy Saver settings
- 3 Cooling speeds
- 3 Fan speeds
- Slide-out chassis
- Fresh air vent
- Easy-out washable filter
- Window mounting kit
- Window or wall installation
- Fits windows 30" to 44", minimum height 18.5"

Heat/Cool Model	Voltage	Capacity (Btu/Hr)	EER
KHA123P	230/208	11,650/11,000C	9.8
	230/208	10,000/8,500EH	n/a
KHA233P	230/208	22,950/22,450C	9.0
	230/208	16,000/13,000EH	n/a

Cool Only Model	Voltage	Cooling Capacity (Btu/Hr)	EER
KCA141P	115	14,250	10.5
KCA183P	230/208	18,000/17,800	9.9/10.1
★ KCA223P	230/208	21,800/21,450	9.4
KCA233P	230/208	23,450/22,800	9.1/8.9

Window dimensions:

Model KHA123P fits windows 27" to 41" wide, with a minimum opening height of 16".

Model KHA233P fits windows 30" to 44" wide, with a minimum opening height of 18 1/2".

Models KCA141P, KCA183P, KCA223P and KCA233P fit windows 30" to 44" wide, with a minimum opening height of 18 1/2".

ZQ Series

Heat Pumps 10,000-18,000 Btu/Hr

ZQ Series provides four-season comfort for quiet, reliable comfort in living and working areas, 500-1,200 square feet.



ZQ features:

- Quiet, reliable operation
- Three-speed cooling
- Slide-out chassis
- Easy electronic control with remote
- Weather Armor™ cabinet triples ordinary salt corrosion protection
- Easy installation thru-the-wall or window with expandable wing panels
- Concealed control panel
- Window kit available as an accessory

ZQ Heat Pumps use 1/2 to 1/3 less electricity than an electric heater (to 45°F).

Heat Pump Model	Voltage	Capacity (Btu/Hr)	EER
ZQA101RB	115	10,200C	9.9
	115	8,000HP	2.8
ZQA123RB	230/208	12,900/12,400C	9.9
	230/208	9,800/9,200HP	2.6
ZQA153RB	230/208	9,200/7,600EH	n/a
	230/208	15,300/14,600C	10.2/10.1
ZQA183RB	230/208	12,200/11,400HP	2.8
	230/208	14,600/11,900EH	n/a
ZQA183RB	230/208	17,900/17,100C	9.9/9.8
	230/208	15,400/14,400HP	2.8
	230/208	15,800/13,100EH	n/a

Window Installation Kits Model

GW05825004	single
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52F Series

Air Conditioners (heat/cool) 8,000-12,000 Btu/Hr

Thru-the-wall air conditioning units attractively complement any decor. Quiet and efficient for 400-600 square feet.

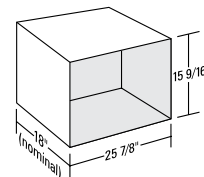


52F features:

- Electronic controls with remote
- Fits most competitive wall sleeves
- Adjustable fan speed
- Four-way air flow
- Easy-out filter
- Attractive appearance
- Choose cool only or heat/cool models

Available accessories:

- Metal wall sleeve
- Aluminum architectural grille
- Window mounting kit



Wall sleeve dimensions
(maximum wall thickness, 18 inches)

Cool Only Model	Voltage	Cooling Capacity (Btu/Hr)	EER
52FC010-1-E	115	10,000	9.4
52FC012-3-E	230/208	12,000/11,700	9.0

Heat/Cool Model	Voltage	Capacity (Btu/Hr)	EER
52FE108-1-E	115	8,000	9.4
52FE310-3-E	230/208	10,000/9,800	9.4
52FE312-3-E	230/208	12,000/11,700	9.0

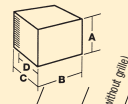
Accessory mounting kit available for window installation. Wall sleeve necessary for all new installations.

Installers are reminded not to create wall openings until units are on site.

ROOM AIR CONDITIONER SPECIFICATIONS

Model	Capacity, Btu/Hr	Volts ²	EEER/COP (Heat Pump)	Watts	Amps	Fuse Size ³	Receptacle Type ⁴	Fan Speeds	Moisture Removal, Pct/Hr	CFM, Hi/Lo	Air Throw, Feet	Air Flow Control	Identification	Exhaust	Energy Saver Switch	A (Height)	B (Width)	C (Depth)	D (Depth without grille)	Chassis Type	Window Installation Kit	Weight (pounds net/ship)	
COOL ONLY UNITS																							
KCD051D	5000	115	9.7	515	4.8	15	1	2	1.5	141/115	NA	2-WAY	NO	NO	NO	12 1/2	17 1/4	15 1/4	6 1/2	FIXED	INCLUDED	46/51	
KCA061P	5850	115	9.7	600	5.4	15	1	2	1.75	142/115	NA	2-WAY	NO	NO	YES	12 1/2	17 3/4	15 1/4	6 1/2	FIXED	INCLUDED	46/51	
KCC081P	7600	115	9.8	775	7.6	15	1	2	2.35	200/175	NA	4-WAY	NO	YES	YES	13 3/4	18 1/2	17 3/4	7 1/2	FIXED	INCLUDED	56/64	
KCA101P	10000	115	9.8	1020	9.5	15	1	3	2.94	235/195	NA	4-WAY	NO	YES	YES	14 3/4	20 1/2	23	8 3/8	SLIDE-OUT	INCLUDED	88.5/106	
KCA121P	12000	115	9.8	1220	11.0	15	1	3	3.58	324/282	NA	4-WAY	NO	YES	YES	15 1/4	22 3/4	23 1/2	10	SLIDE-OUT	INCLUDED	106/115	
KCA141P	14250	115	10.5	1360	12.3	15	1	3	3.6	410/330	14.8	6-WAY	YES	NO	YES	18 1/2	26 1/2	26 3/8	9	SLIDE-OUT	INCLUDED	128/150	
KCA183P	18000	230	9.9	1820	8.2	15	3	3	4.8	440/350	14.8	6-WAY	YES	NO	YES	18 1/2	26 1/2	26 7/8	9	SLIDE-OUT	INCLUDED	134/154	
★KCA223P	17800	208	10.1	1760	9.0	20	4	3	5.8	410/325	1312	6-WAY	YES	NO	YES	18 1/2	26 1/2	26 7/8	9	SLIDE-OUT	INCLUDED	137/157	
	21800	230	9.4	2320	10.4																		
	21450	208	9.4	2280	11.2																		
KCA233P	23450	230	9.1	2580	11.2	20	4	3	6.5	410/325	1312	6-WAY	YES	NO	YES	18 1/2	26 1/2	26 7/8	9	SLIDE-OUT	INCLUDED	163/183	
	22800	208	8.9	2560	12.2																		
KHA123P	11650-C	230	9.8	1190	5.4	15	3	3	3.4	285/230	9.84	6-WAY	YES	NO	YES	15 7/8	22 7/8	24	10	SLIDE-OUT	INCLUDED	108/117	
	11000-C	208		1120	6.0																		
	10000-EH	230		n/a	3080																		13.4
	8500-EH	208		n/a	2550																		12.0
KHA233P	22950-C	230	9.0	2550	12.7	30	5	3	6.5	400/315	13.12	6-WAY	YES	NO	YES	18 1/2	26 1/2	26 7/8	9	SLIDE-OUT	INCLUDED	167/187	
	22450-C	208		2495	11.6																		
	16000-EH	230		n/a	4900																		21.0
	13000-EH	208		n/a	4000																		19.2
ZQA101RB	10200-C	115	9.9	1030	9.1	20	2	2	1.2	450/280	28	6-WAY	NO	YES	YES	16 7/8	26	27 7/8	11	SLIDE-OUT	ACCESSORY	112/121	
	8000-HP			2.8	850																		7.5
	5200-EH			n/a	1810																		15.0
ZQA123RB	12900-C	230	9.9	1300	5.7	20	4	3	2.9	410/330	26	6-WAY	NO	YES	YES	16 7/8	26	27 7/8	11	SLIDE-OUT	ACCESSORY	115/124	
	9800-HP			2.6	1100																		4.8
	9200-EH			n/a	3000																		13.2
	12400-C			9.9	1250																		6.0
ZQA153RB	9200-HP	208	2.6	1050	5.0	30	5	2	2.5	415/305	26	6-WAY	NO	YES	YES	16 7/8	26	27 7/8	11	SLIDE-OUT	ACCESSORY	126/135	
	7600-EH			n/a	2460																		12.0
	15300-C			10.2	1500																		6.6
	12200-HP			2.8	1260																		5.6
ZQA183RB	14600-EH	230	n/a	4700	20.6	30	5	3	4.4	415/305	26	6-WAY	NO	YES	YES	16 7/8	26	27 7/8	11	SLIDE-OUT	ACCESSORY	126/135	
	14600-C			10.1	1440																		7.0
	11400-HP			2.8	1200																		5.8
	11900-EH			n/a	3850																		18.7
ZQA183RB	17900-C	230	9.9	1800	7.8	30	5	3	5.6	430/320	27	6-WAY	NO	YES	YES	16 7/8	26	27 7/8	11	SLIDE-OUT	ACCESSORY	130/139	
	15400-HP			2.8	1620																		7.2
	15800-EH			n/a	5240																		22.8
	17100-C			9.8	1750																		8.5
52FE108-1-E	10000	115	9.4	1175	10.5	15	1	3	3.0	250/185	4-WAY	NO	NO	NO	14 1/2	24	20	18 1/2	FIXED	ACCESSORY	98/118		
	52FC010-1-E	12000	230	9.0	1415	6.4	15	3	3	4.0	265/195	4-WAY	NO	NO	NO	14 1/2	24	20	18 1/2	FIXED	ACCESSORY	102/122	
		11700	208		1380	6.7																	
52FE108-1-E	8000-C	115	9.4	940	12.0	15	1	2	2.5	250/185	4-WAY	NO	NO	NO	14 1/2	24	20	18 1/2	FIXED	ACCESSORY	90/110		
	4200-EH			1250																			
52FE310-3-E	10000-C	230	9.4	1175	5.5	20	4	2	3.2	250/185	4-WAY	NO	NO	NO	14 1/2	24	20	18 1/2	FIXED	ACCESSORY	100/120		
	10600-EH			3450	15.5																		
	9800-C			1155	6.0																		
52FE312-3-E	8600-EH	208	9.0	2800	14.0	20	4	2	4.0	265/195	4-WAY	NO	NO	NO	14 1/2	24	20	18 1/2	FIXED	ACCESSORY	102/122		
	12000-C			1415	6.4																		
	10600-EH			3450	15.5																		
52FE312-3-E	11700-C	208	9.0	1380	6.7	20	4	2	4.0	247/175	4-WAY	NO	NO	NO	14 1/2	24	20	18 1/2	FIXED	ACCESSORY	102/122		
	8600-EH			2800	14.0																		

Cabinet Dimensions (inches)



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Wall Sleeve Dimensions for the 52F series are 15.25 x 25.5 x 17.5

Before purchasing this appliance, read important energy cost and efficiency information available from your retailer.

(1) For heat pump and heat/cool models:

- Cooling capacities noted by -C
- Heat Pump heating capacities noted by -HP
- Electric Heating capacities noted by -EH

(2) Individual branch circuits are recommended for all 208/230 volt units and 115 volt units over 7.5 amps.

(3) Fuse Time delay or equivalent.

Carrier's commitment to continuous improvement and quality products may result in changes to product specifications without prior notice.

★ Products with the Energy Saver label are designed to use less energy, help you save money on utility bills, and help protect the environment.



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(4) Required Wall Receptacles

