

# built-in comfort

GE® built-in air conditioners

New product introductions  
January 2010





# A refreshing choice in air conditioning comfort

Some choices are easy—like those days when the outdoors beckons, promising places to go and sights to see, but you're more inclined to stay in, to indulge your passion for comfort and relaxation. When the great indoors is where you choose to be, a GE® built-in air conditioner is undoubtedly at work, keeping your living space refreshingly cool, and doing so with exceptional energy efficiency. And the air conditioner's built-in design—with clean, contemporary lines—looks good in any room.



# explore built-in room air conditioners



## 1 Timer

Electronic models feature a timer control so you can program the air conditioner to turn "on" or "off" when you're not around.



## Appearance

Clean lines, smooth curves and contemporary design help the air conditioner blend into the room.



## 2 Upfront filters

Upfront, easy-to-clean filters make maintenance a breeze.



## High-mount

Controls located at bottom of unit for easy access when mounted high in wall, offering installation flexibility.



## ENERGY STAR® qualified (cool only)

Cool-only models certified to exceed ENERGY STAR guidelines for energy efficiency.



## Remote control

Cooling comfort at your fingertips from anywhere in the room.



## R-410A refrigerant

R-410A meets 2010 U.S. Environmental Protection Agency requirements for the phase-out of ozone-depleting hydrochlorofluorocarbons (HCFCs) found in the older R-22 refrigerant.



## Power interruption restart

Remembers and restarts the unit to the setting prior to loss of power.

# Comfort choices



## GE® standard-mount cool-only units\*

- ENERGY STAR qualified
- Electronic controls with remote
- Electronic digital thermostat
- Four-way air direction
- Upfront, washable air filter
- 3 cool/3 fan speeds



### AJCQ12DCD

- 11,600/11,400 BTU, 9.4/9.4 EER, 230/208 Volts

### AJCQ10DCD

- 10,400/10,200 BTU, 9.4/9.4 EER, 230/208 Volts

### AJCQ09DCD

- 8,900/8,700 BTU, 9.4/9.4 EER, 230/208 Volts

### AJCQ12ACD

- 11,600 BTU, 9.4 EER, 115 Volts

### AJCQ10ACD

- 10,400 BTU, 9.4 EER, 115 Volts

### AJCQ08ACD

- 8,350 BTU, 9.4 EER, 115 Volts

### AJCQ06LCD

- 6,400 BTU, 9.9 EER, 115 Volts



## GE high-mount cool-only units\*

- ENERGY STAR qualified
- Electronic controls with remote
- Electronic digital thermostat
- Four-way air direction
- Upfront, washable air filter
- 3 cool/3 fan speeds



### AJCM12DCD

- 11,600/11,400 BTU, 9.4/9.4 EER, 230/208 Volts

### AJCM10DCD

- 10,400/10,200 BTU, 9.4/9.4 EER, 230/208 Volts

### AJCM10ACD

- 10,400 BTU, 9.4 EER, 115 Volts

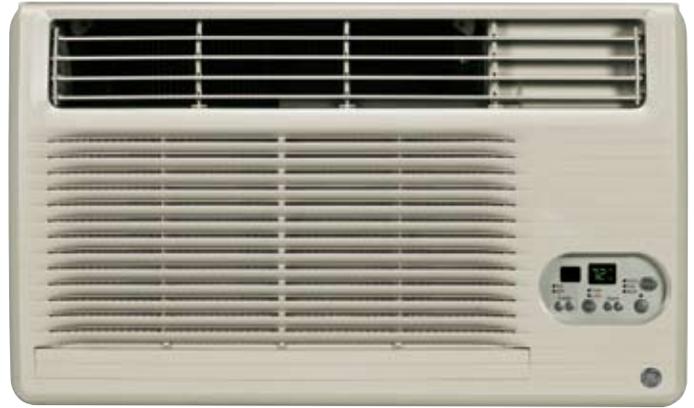
### AJCM08ACD

- 8,350 BTU, 9.4 EER, 115 Volts

\*Wall case and window kit sold separately.

BTUs subject to change.

# Comfort choices



## GE® standard-mount heat/cool units\*

- Electronic controls with remote
- Electronic digital thermostat
- Remote thermostat capable
- Four-way air direction
- Upfront, washable air filter
- 2 cool/2 heat/2 fan-only speeds

### AJEQ12DCD

- 11,600/11,400 BTU cool, 11,600/9,500 BTU heat, 9.4/9.4 EER, 230/208 Volts

### AJEQ10DCD

- 10,400/10,200 BTU cool, 11,600/9,500 BTU heat, 9.4/9.4 EER, 230/208 Volts

### AJEQ09DCD

- 8,900/8,700 BTU cool, 11,600/9,500 BTU heat, 9.4/9.4 EER, 230/208 Volts

### AJEQ08ACD\*\*

- 8,350 BTU cool, 4,100 BTU heat, 9.4 EER, 115 Volts

### AJEQ06LCD\*\*

- 6,400 BTU cool, 4,100 BTU heat, 9.9 EER rating, 115 Volts

## GE high-mount heat/cool unit\*

- Electronic controls with remote
- Electronic digital thermostat
- Remote thermostat capable
- Four-way air direction
- Upfront, washable air filter
- 2 cool/2 heat/2 fan-only speeds

### AJEM12DCD

- 11,600/11,400 BTU cool, 11,600/9,500 BTU heat, 9.4/9.4 EER, 230/208 Volts

\*Wall case and window kit sold separately.

\*\*These units are not intended to be the primary source of heat.

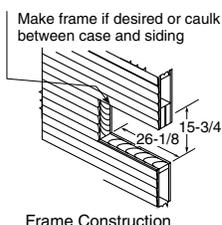
BTUs subject to change.

## GE built-in room air conditioners applications

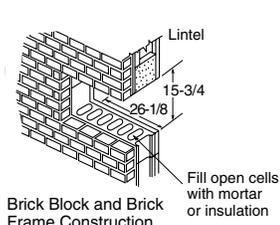
### Wall opening for RAB46/47/48

A finished opening of 26-1/8" x 15-3/4", clear of intrusions, is required. Keep clearance of 4" from side walls. Brick veneer or frame walls should have wood studding surrounding case to provide firm anchoring with screws. Case can be fastened directly to brick or block walls with screws sunk in lead expansion shields.

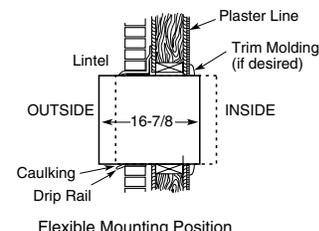
**Note:** Units should be caulked on all four sides of case to the building exterior to assure building integrity.



Frame Construction



Brick Block and Brick Frame Construction



Flexible Mounting Position

### Standard wall case RAB46

Solid-sided wall case fabricated of galvanized steel with baked-enamel finish. Welded areas are coated with a sealing compound to help resist rust and corrosion. Polymer gasket surrounds opening to assure tight weather seal. Aluminum grille (RAG13) is included. Panels on interior and between case and grille provide weather protection prior to installation of chassis.

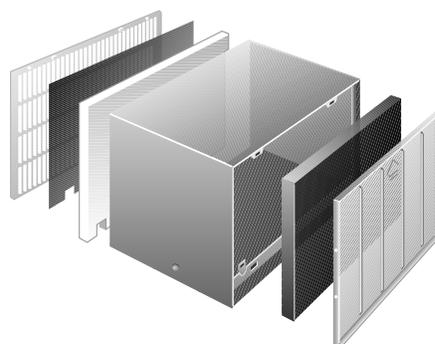


### Two wall cases for tenant option installation

When the air conditioner is offered as a tenant option, these wall cases provide protection against outside elements.

**RAB47**—includes wall case, exterior grille and steel closure panels.

**RAB48**—includes wall case, exterior grille, steel closure panel and two layers of insulation.



### Coastal corrosion protection

The nominal 9,000, 10,000 and 12,000 BTU heat/cool models feature these protective treatments.

- Specially treated condenser coils are coated to shield against corrosion.
- Fan motors are totally closed to reduce winding failure due to salt corrosion.
- Quality finish on compressors to resist corrosion.

### Architectural RAG14E grille

Our optional architectural louvered exterior grille, for use with "J" series models, offers both aesthetic appeal and durability.



Standard heavy-gauge aluminum exterior grilles (RAG13). Shipped with wall case.

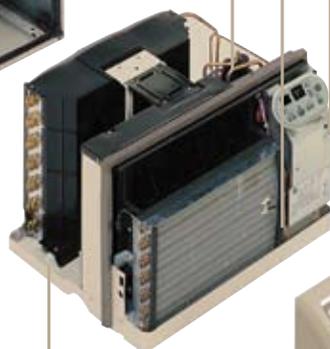


Solid-sided wall case made with heavy-gauge galvanized steel with baked-enamel finish. RAB46, RAB47 and RAB48 wall cases have no side louvers and are used with "J" series models.



Rotary compressor—compact, efficient.

Roomside grille—handsome, strong, high-impact polymer grille has directional air flow adjustment. Shipped with chassis.



Hidden exhaust and energy saver controls.

Upfront washable air filter.

Adjustable discharge louvers.

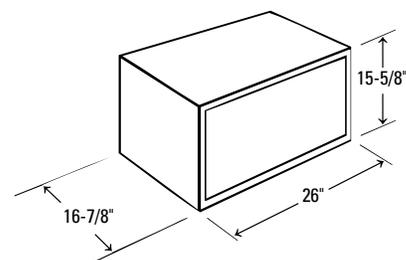
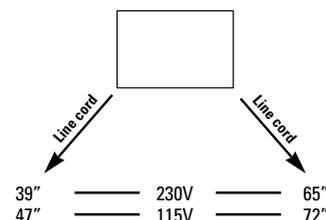


Slide-out chassis on all units for easier installation.

### High-mount units

GE answers the challenge of high-mount installations. For easier accessibility, we've locate the controls in the lower corner of the room-side cabinet. We offer 115-volt and 230-volt cooling-only models and one 230-volt model with electric heat. These units provide features similar to the standard models.

#### Maximum Cord Set Extension



Not all features available on all models.

# GE® built-in room air conditioners

	GE							High-mount units			
	Electronic units										
	AJCQ06LCD	AJCQ08ACD	AJCQ10ACD	AJCQ12ACD	AJCQ09DCD	AJCQ10DCD	AJCQ12DCD	AJCM08ACD	AJCM10ACD	AJCM10DCD	AJCM12DCD
ENERGY STAR® qualified	●	●	●	●	●	●	●	●	●	●	●
Voltage	115	115	115	115	230/208	230/208	230/208	115	115	230/208	230/208
<b>Cooling capacity</b>											
BTUH-AHAM	6400	8350	10400	11600	8900/8700	10400/10200	11600/11400	8350	10400	10400/10200	11600/11400
Amps-AHAM	5.9	8.0	10.0	11.6	4.2/4.6	5.0/5.4	5.8/6.3	8.0	10.0	5.0/5.4	5.8/6.3
Watts input	640	880	1110	1235	935/915	1100/1085	1235/1215	880	1110	1110/1085	1235/1215
EER	9.9	9.4	9.4	9.4	9.4/9.4	9.4/9.4	9.4/9.4	9.4	9.4	9.4/9.4	9.4/9.4
Dehumidification (pts./hr.)	1.4	2.1	2.9	3.4	2.5/2.5	2.9/2.9	3.4/3.4	2.1	2.9	2.9/2.9	3.4/3.4
<b>Features</b>											
Refrigerant type	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A
Electronic controls	●	●	●	●	●	●	●	●	●	●	●
Remote control	●	●	●	●	●	●	●	●	●	●	●
Line cord plug	Parallel	Parallel	Parallel	Parallel	Tandem	Tandem	Tandem	Parallel	Parallel	Tandem	Tandem
Recommended circuit protection (time delay)	15 amps	15 amps	15 amps	15 amps	15 amps	15 amps	15 amps	15 amps	15 amps	15 amps	15 amps
Fan speeds	3	3	3	3	3	3	3	3	3	3	3
Fan only setting	3	3	3	3	3	3	3	3	3	3	3
Air flow (CFM) roomside hi/low	237/201/141	297/261/212	325/290/212	304/290/208	311/268/240 297/244/212	314/283/208 300/258/177	307/290/212 293/261/177	297/261/212	325/290/212	314/283/208 300/258/177	307/290/212 293/261/177
Air exchange exhaust	●	●	●	●	●	●	●	●	●	●	●
Fan cycle switch	●	●	●	●	●	●	●	●	●	●	●
Rotary compressor	●	●	●	●	●	●	●	●	●	●	●
Slide-out chassis	●	●	●	●	●	●	●	●	●	●	●
Installation	Thru wall	Thru wall	Thru wall	Thru wall	Thru wall	Thru wall	Thru wall	Thru wall	Thru wall	Thru wall	Thru wall
Wall case required (not included)	RAB46/47/48	RAB46/47/48	RAB46/47/48	RAB46/47/48	RAB46/47/48	RAB46/47/48	RAB46/47/48	RAB46/47/48	RAB46/47/48	RAB46/47/48	RAB46/47/48
Window installation kit	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
<b>Wts. &amp; Dimens.</b>											
Overall dimen. (WxHxD in inches)	← 26 x 15-5/8 x 16-7/8 →										
Approx. net weight (lbs.)	45	61	68	70	67	69	71	50	68	69	71
Approx. shipping wt. (lbs.)	52	68	76	77	74	76	79	57	76	76	79

	GE					
	Heat/Cool units					High-mount
	AJEQ06LCD*	AJEQ08ACD*	AJEQ09DCD	AJEQ10DCD	AJEQ12DCD	AJEM12DCD
Voltage	115	115	230/208	230/208	230/208	230/208
<b>Cooling capacity</b>						
BTUH-AHAM	6400	8350	8900/8700	10400/10200	11600/11400	11600/11400
Amps-AHAM	5.9	8.0	4.2/4.6	5.0/5.4	5.8/6.3	5.8/6.3
Watts input	640	880	935/915	1110/1085	1235/1215	1235/1215
EER	9.9	9.4	9.4/9.4	9.4/9.4	9.4/9.4	9.4/9.4
Dehumidification (pts./hr.)	1.4	2.1	2.5/2.5	2.9/2.9	3.4/3.4	3.4/3.4
<b>Electric resistance heating</b>						
BTUH	4100	4100	11600/9500	11600/9500	11600/9500	11600/9500
Amps	12.0	12.0	16.0/14.5	16.0/14.5	16.0/14.5	16.0/14.5
Watts input	1380	1380	3670/3010	3670/3010	3680/3020	3680/3020
<b>Features</b>						
Refrigerant type	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A
Electronic controls	●	●	●	●	●	●
Remote control	●	●	●	●	●	●
Remote thermostat capability	●	●	●	●	●	●
Line cord plug	Parallel	Parallel	Perpendicular	Perpendicular	Perpendicular	Perpendicular
Recommended circuit protection (time delay)	15 amps	15 amps	20 amps	20 amps	20 amps	20 amps
Fan cycle switch	●	●	●	●	●	●
Fan speeds, heating/cooling	2/2	2/2	2/2	2/2	2/2	2/2
Fan only setting	2	2	2	2	2	2
Air flow (CFM) roomside hi/low	230/208	293/258	311/268 293/244	311/279 293/254	304/286 290/258	304/286 290/258
Air exchange exhaust	●	●	●	●	●	●
Rotary compressor	●	●	●	●	●	●
Coastal corrosion protection	●	●	●	●	●	●
Slide-out chassis	●	●	●	●	●	●
Installation	Thru wall	Thru wall	Thru wall	Thru wall	Thru wall	Thru wall
Wall case required (not included)	RAB46/47/48	RAB46/47/48	RAB46/47/48	RAB46/47/48	RAB46/47/48	RAB46/47/48
Window installation kit	Optional	Optional	Optional	Optional	Optional	Optional
<b>Weights &amp; Dimensions</b>						
Overall dimensions (WxHxD in inches)	← 26 x 15-5/8 x 16-7/8 →					
Approximate net weight (lbs.)	60	61	65	74	76	76
Approximate shipping wt. (lbs.)	67	68	72	81	83	83

All 230/208V cooling units with electric heat models and heat pumps are corrosion treated. Specifications and design subject to change without notice.  
\*These units are not intended to be the primary source of heat.

## Accessories

Other accessories are available; they include: Fedders and Whirlpool sleeve adapters; drain kits and chassis adapters for old Hotpoint cases.

## Warranty

One-Year Limited on entire unit. In-home service. Parts and labor included. Five-Year Limited on sealed refrigerating system. In-home service. Parts and labor included. See written warranty for details.

## Air conditioner tips

**Air flow**—Keep air filters clean. Do not block air flow areas.

**Roomside view**—J-models feature concealed power cord storage. This eliminates excessive cord exposure when receptacle is located close to unit.



Total capacity and EER ratings are calculated based on the Association of Home Appliance Manufacturers' standards.

Preliminary specifications subject to change.



**GE Consumer & Industrial**  
Appliances  
General Electric Company  
Louisville, KY 40225  
geappliances.com

GE has a policy of continuous improvement of its products and reserves the right to change materials and specifications without notice.

© 2009 GE Company  
Pub. No. 20-S089 PC57900