10QZZZ7A
12QZZZ7A
14QZ23TB
5QZ21TA

18QZ33TA
7QZZ1TA
8QZ21TA

Amana®

Quiet Zone™ Room Air Conditioner

Use and Care Manual

Keep these instructions for future reference. If the room air conditioner changes ownership, be sure this manual accompanies room air conditioner

Consumer Information Line
1-800-843-0304

RECOGNIZE THIS SYMBOL AS A SAFETY PRECAUTION

WARNING

To avoid severe personal injury or death, observe the following:

Room air conditioners are not meant to provide unattended cooling or life support for persons or animals who are unable to react to failure of unit. Failure of an unattended air conditioner may result in extreme heat in conditioned space causing overheating or death of persons or animals. Take precautions to warn or guard against such an occurrence.

Electrical Requirements

WARNING

Electrical Grounding Instructions-This appliance is equipped with a three-prong (grounding) plug for protection against possible shock hazards. If a two-prong wall receptacle is encountered, customer is required to contact a qualified electrician and have the two-prong wall receptacle replaced with a properly grounded three-prong wall receptacle in accordance with the National Electrical Code.

Room air conditioners are designed to operate according to requirements on the nameplate and/or as shown in Table 1. Fuse or circuit breaker ratings must be according to the fuse instruction label and/or as shown in Table 1. Do not plug models marked "Use on Single Outlet Circuit Only" on right side of unit into a circuit with another appliance or light fixture.

DO NOT UNDER ANY CIRCUMSTANCES CUT OR REMOVE THE ROUND GROUNDING PRONG FROM THE PLUG. THE UNIT MUST BE GROUNDED AT ALL TIMES. DO NOT REMOVE WARNING TAG FROM THE SERVICE CORD.

WARNING

DO NOT USE A TWO-PRONG ADAPTER.
DO NOT USE AN EXTENSION CORD.
DO NOT PINCH POWER CORD.

Table 1

Unit Plug Type	Receptacle Required	Circuit Rating, Breaker or Time Delay Fuse	Voltage Rating On Unit Nampiate
 NEMA No. 5-15P	 NEMA No. 5-15R	125V-15AMP	115V
 NEMA No. 6-15P	 NEMA No. 6-15R	250 V-15AMP	230/280V rated at 12 amperes or less
 NEMA No. 6-20P	 NEMA No. 6-20R	250V-20AMP	230/208V rated over 12 amperes but not more than 16 amperes

Model Identification

Please read this Use and Care Manual thoroughly. This manual provides proper maintenance information for maximum benefit of the features selected.

Complete enclosed registration card and promptly return card to Amana's Product Registration department. If registration card is missing, call **Amana's Consumer Information Line** at **1-800-843-0304.**

When contacting Amana, provide product information. Locate product information on the nameplate, found underneath front grille. Record the following information:

Model Number: _____
Manufacturing Number: _____
Serial or S/N Number: _____
Date of purchase: _____
Dealer's name and address: _____
_____

Keep a copy of sales receipt for future reference or in case warranty service is required. If something is operating incorrectly, read "Before Calling for Service" section. Any further questions or to locate an **authorized** Amana servicer, call **1-800-843-0304**. Amana recommends contacting an **authorized** servicer if service is required.

Amana offers a complete line of appliances...refrigerators, freezers, ranges, cooktops, wall ovens, microwave ovens, dishwashers, washers and dryers. Amana also manufactures a complete selection of high efficiency gas furnaces plus central air conditioners. When buying one of these products, choose Amana.

Enjoy this new room air conditioner.

Setting Controls

Select highest fan speed and set temperature control to coldest position. When desired temperature is reached, slowly turn temperature control counter-clockwise until compressor shuts off. Thermostat will then cycle compressor on and off to maintain selected temperature. Adjust fan speed for desired air circulation.

Touch Cooling™ Controls

Fan Control

Choose a setting by firmly pressing pad until red indicator appears. To prevent blowing fuses and tripping compressor overload, wait two minutes before changing setting.

High Cool
Filters and circulates room air with fan running continuously on high. Also cools and dehumidifies while compressor is running. Select this setting for maximum air circulation.

Medium Cool
Filters and circulates room air with fan running continuously on medium speed. Also cools and dehumidifies while compressor is running.

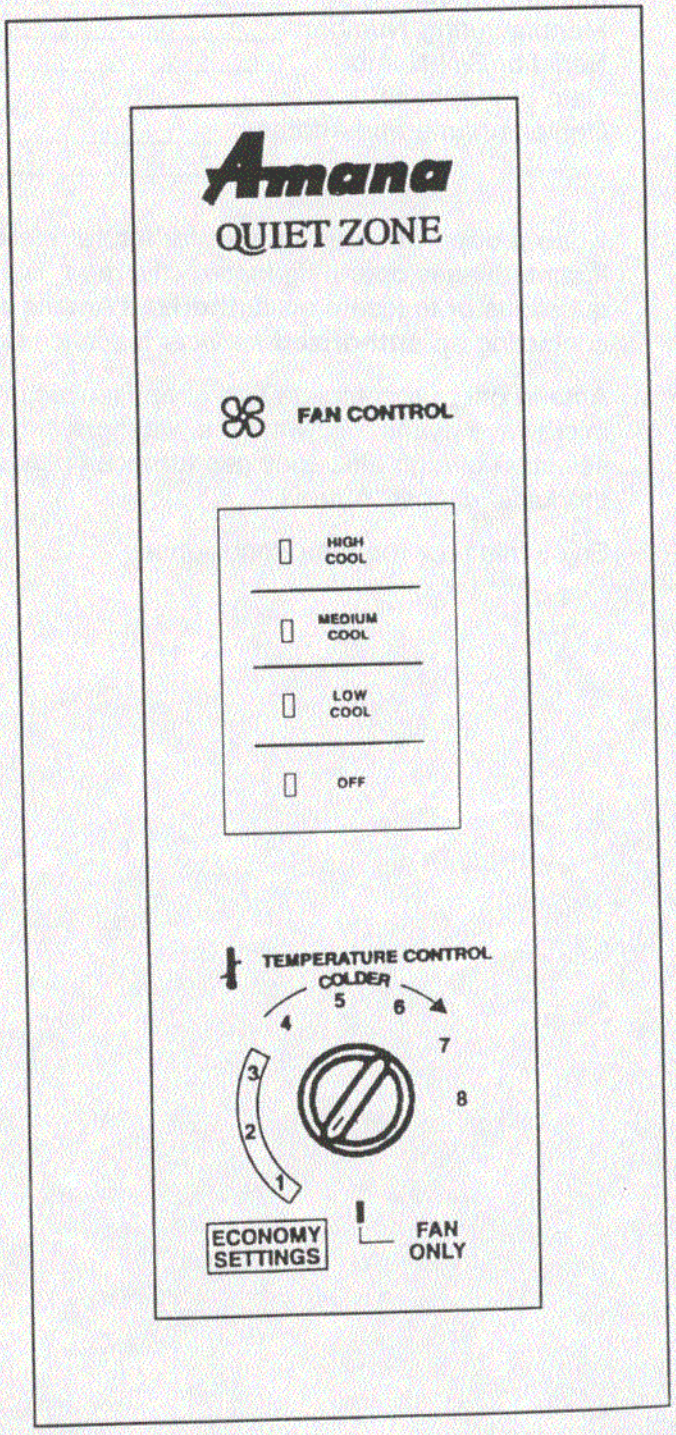
Low Cool
Filters and circulates room air with fan running continuously on low speed. Also cools and dehumidifies while compressor is running. Select this setting for quiet operation.

Off
Turns unit completely off. To prevent blowing fuses, wait two minutes after turning unit off before turning unit on again.

Temperature Control

Choose setting by rotating selector. Controls room temperature by cycling compressor on and off. Turn clockwise for cooler room temperature. Turn counterclockwise for warmer temperature. Setting control at coldest temperature will not cool room any faster. One through three are economy settings. Setting temperature control in this range can reduce energy consumption.

Fan Only
Select this setting for circulating room air without cooling.



Changing Air Flow Direction

Air flow deflectors divert air from center flow to left or right. Some models have a tilting air discharge chamber to provide a maximum 30° upward air discharge. Adjust baffles and tilting chamber for desired air flow pattern.

Air Flow Around Unit

Check indoor grille and outdoor louvers for air flow obstructions. Do not block air flow to and from unit. If air flow is obstructed and/or deflected back into unit, compressor may cycle on and off rapidly, damaging unit.

Drain Plug

Locate drain plug at the rear or on the bottom of unit. Air conditioner is designed to operate with plug in place. Water in base pan is picked up by the fan blade and thrown onto the warm outdoor coil where water evaporates. Permanently removing drain plug will slightly decrease air conditioner's efficiency.

Remove drain plug to drain water for periodic cleaning or before removing unit from window. Replace plug when finished.

Care and Maintenance

WARNING

To avoid electrical shock which can cause severe personal injury or death, turn fan control off and unplug power cord before cleaning or maintenance work. After cleaning or maintenance work, reconnect power.

1. At least once a year, remove chassis from outer case and thoroughly clean air conditioner. At this time have unit inspected by an authorized servicer to ensure unit if functioning properly.
2. Wash air conditioner with warm, soapy water as needed. Rinse and dry thoroughly.
3. If using concentrated liquid detergent, dilute in warm water first.
4. Do not use abrasive cleaners such as Comet, Ajax, etc. These items can scratch, crack and discolor surfaces.

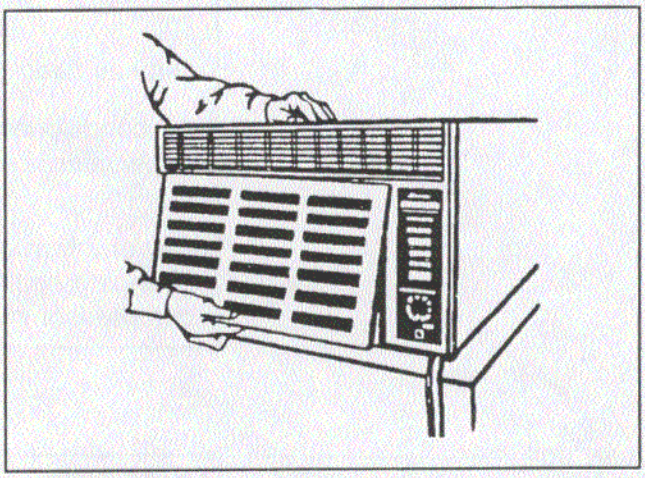
Ocean side or Corrosive Environment

Salt air or a corrosive environment may greatly reduce the life of the unit. Follow above cleaning instructions then sand and repaint any scratches or blisters on painted surfaces. In humid areas where algae formation is common, place an algaecide tablet in outdoor side of unit's base pan.

Air Filter

Front grille contains a removable insert that provides easy access to air filter.

1. Remove grille by grasping bottom center of grille. Lift up and pull out.



2. Remove air filter by lifting filter off hooks.
3. Reinstall air filter by reversing above procedure.

Important

A dirty air filter reduces operating efficiency. Inspect filter at least once every week during operation. Clean filter with a vacuum cleaner or warm, soapy water. Thoroughly dry filter before replacing. Do not operate unit without filter.

Fan Motor

Fan motor is permanently lubricated so there is no need to oil motor.

Slide out Chassis

Some models feature a slide out chassis for easier installation. Refer to Installation Instructions provided with unit for details on removing chassis from outer case.

Before Calling for Service

Difficulty	Possible Cause	Suggested Solution
Air conditioner will not operate	No power to unit.	Set fan control to position other than off. Confirm power cord is plugged in. Check fuse or circuit breaker.
Little or no cooling	Obstructed indoor or outdoor air flow.	Remove obstructions from indoor grille or outdoor louvers.
	Dirty air filter.	Clean air filter.
	Air conditioner undersized for application.	Check with dealer to determine proper unit capacity for application.
	Power interruption or quickly changing settings trips compressor overload.	Let fan run. Compressor will automatically restart in approximately 10 minutes.
Noisy unit	Loose parts.	Tighten any loose parts.
	Weak building construction.	Provide additional support.
	Water hitting fan blade.	Normal in high humidity. Stop noise by removing drain plug and allowing water to drain from base pan.

Difficulty	Possible Cause	Suggested Solution
Mounting support cannot be installed	Storm window frame has been installed into window.	Some models require removal of storm window frame. Refer to Installation Instructions provided with unit for details.
Odors in cooling	Mold, mildew or algae formation on wet surfaces.	Place algaecide tablet in base pan. Remove drain plug and drain base pan. Reinstall drain plug. Thoroughly clean unit.
Water in base pan	Normal for operation in humid areas.	Water in base pan is picked up by the fan blade and thrown onto the warm outdoor coil where water then evaporates.

5QZ21TB
10QZ22TB
12QZ22TB
14QZ23TB
18QZ33TB
21QZ33RB
7QZ21TB
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Electrical Requirements

WARNING

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Enjoy this new room air conditioner.

Setting Controls

Select highest fan speed and set temperature control to coldest position. When desired temperature is reached, slowly turn temperature control counter-clockwise until compressor shuts off. Thermostat will then cycle compressor on and off to maintain selected temperature. Adjust fan speed for desired air circulation.

Touch Cooling™ Controls

Fan Control

Choose a setting by firmly pressing pad until red indicator appears. To prevent blowing fuses and tripping compressor overload, wait two minutes before changing setting.

High Cool

Filters and circulates room air with fan running continuously on high. Also cools and dehumidifies while compressor is running. Select this setting for maximum air circulation.

Medium Cool

Filters and circulates room air with fan running continuously on medium speed. Also cools and dehumidifies while compressor is running.

Low Cool

Filters and circulates room air with fan running continuously on low speed. Also cools and dehumidifies while compressor is running. Select this setting for quiet operation.

Off

Turns unit completely off. To prevent blowing fuses, wait two minutes after turning unit off before turning unit on again.

Temperature Control

Choose setting by rotating selector. Controls room temperature by cycling compressor on and off. Turn clockwise for cooler room temperature. Turn counterclockwise for warmer temperature. Setting control at coldest temperature will not cool room any faster. One through three are economy settings. Setting temperature control in this range can reduce energy consumption.

Fan Only

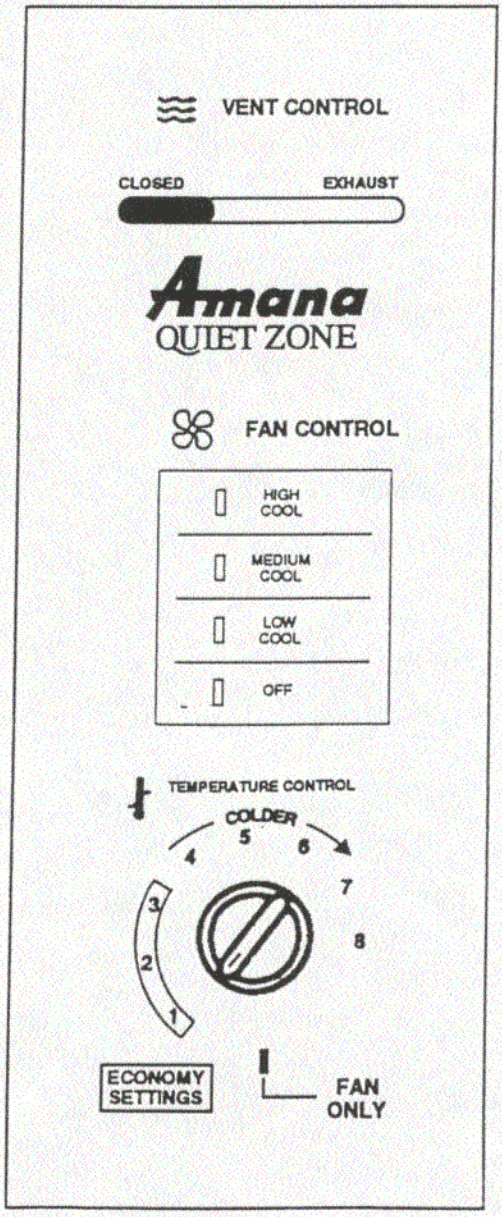
Select this setting for circulating room air without cooling.

Vent Control (not included on all models)

Choose one of the following two settings by sliding the vent control under the appropriate marking.

CLOSED - Exhaust damper is closed. Unit circulates and filters room air. This position should be used for normal cooling operation.

EXHAUST - Exhausts room air to the outdoors. Also circulates and filters room air. This position can be used to exhaust stale or smoky air. To conserve energy, it is advised that the Temperature Control be in the Fan Only setting when using this feature.



Setting Controls

Select highest fan speed and set temperature control to coldest position. When desired temperature is reached, slowly turn temperature control counter-clockwise until compressor shuts off. Thermostat will then cycle compressor on and off to maintain selected temperature. Adjust fan speed for desired air circulation.

Models with alternate rotary fan control

Vent Control (not included on all models)
Choose one of the following two settings by sliding the vent control under the appropriate marking.

CLOSED - Exhaust damper is closed. Unit circulates and filters room air. This position should be used for normal cooling operation.

EXHAUST - Exhausts room air to the outdoors. Also circulates and filters room air. This position can be used to exhaust stale or smoky air. To conserve energy, it is advised that the Temperature Control be in the Fan Only setting when using this feature.

Fan Control
Choose one of the following four settings by rotating the selector to the appropriate position:

High Cool - Filters and circulates room air with the fan running continuously on high speed. Also cools and dehumidifies while the compressor is running. Select this setting for maximum air circulation and cooling effect.

Medium Cool - Filters and circulates room air with the fan running continuously on medium speed. Also cools and dehumidifies while the compressor is running.

Low Cool - Filters and circulates room air with the fan running continuously on low speed. Also cools and dehumidifies while the compressor is running. Select this setting for quiet cooling operation.

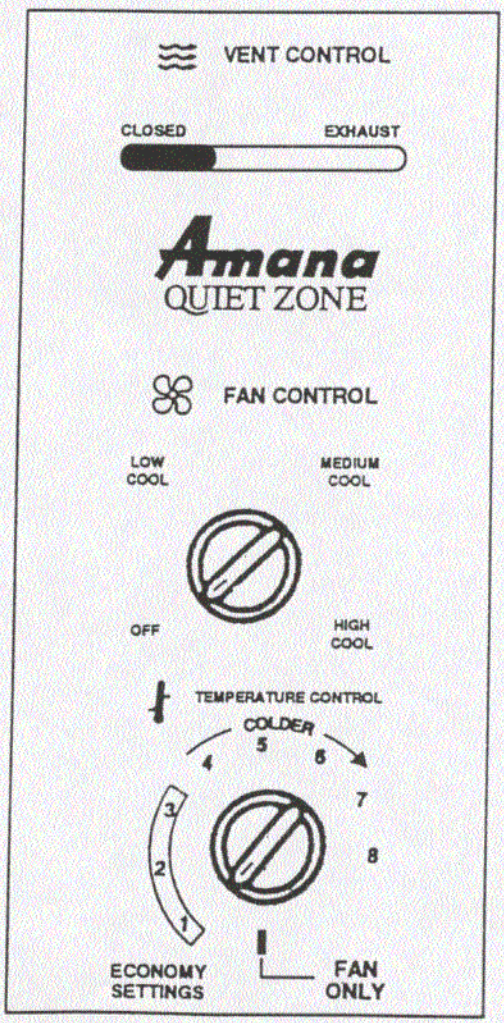
Off - Completely shuts off the unit. To prevent blowing fuses, wait two minutes after turning the unit off before turning it to another position.

Temperature Control
Choose one of the following dial settings by rotating the selector to the appropriate position:

1 through 8 - Controls room temperature by cycling the compressor on and off. Dial is numbered from 1 to 8. Turn clockwise toward a higher number for a cooler room temperature. Turn counter-clockwise toward a lower number for a warmer temperature.
Setting the control at the coldest extreme of the thermostat range will not cool the room any faster.

The dial range from 1 to 3 is labeled Economy Settings. This range services as a visual reminder that setting the thermostat at a lower number (higher room temperature) can reduce energy consumption.

Fan Only - Select this setting for circulating room air without cooling.



Changing Air Flow Direction

Air flow deflectors divert air from center flow to left or right. Some models have a tilting air discharge chamber to provide a maximum 30° upward air discharge. Adjust baffles and tilting chamber for desired air flow pattern.

Air Flow Around Unit

Check indoor grille and outdoor louvers for air flow obstructions. Do not block air flow to and from unit. If air flow is obstructed and/or deflected back into unit, compressor may cycle on and off rapidly, damaging unit.

Drain Plug

Locate drain plug at the rear or on the bottom of unit. Air conditioner is designed to operate with plug in place. Water in base pan is picked up by the fan blade and thrown onto the warm outdoor coil where water evaporates. Permanently removing drain plug will slightly decrease air conditioner's efficiency.

Remove drain plug to drain water for periodic cleaning or before removing unit from window. Replace plug when finished.

Care and Maintenance

WARNING

To avoid electrical shock which can cause severe personal injury or death, turn fan control off and unplug power cord before cleaning or maintenance work. After cleaning or maintenance work, reconnect power.

1. At least once a year, remove chassis from outer case and thoroughly clean air conditioner. At this time have unit inspected by an authorized servicer to ensure unit is functioning properly.
2. Wash air conditioner with warm, soapy water as needed. Rinse and dry thoroughly.
3. If using concentrated liquid detergent, dilute in warm water first.
4. Do not use abrasive cleaners such as Comet, Ajax, etc. These items can scratch, crack and discolor surfaces.

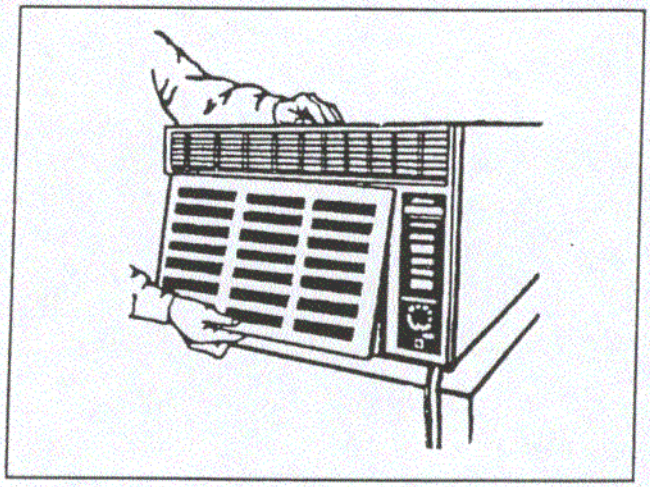
Ocean side or Corrosive Environment

Salt air or a corrosive environment may greatly reduce the life of the unit. Follow cleaning instructions then sand and repaint any scratches or blisters on painted surfaces. In humid areas where algae formation is common, place an algaecide tablet in outdoor side of unit's base pan.

Air Filter

Front grille contains a removable insert that provides easy access to air filter.

1. Remove grille by grasping bottom center of grille. Lift up and pull out.



2. Remove air filter by lifting filter off hooks.
3. Reinstall air filter by reversing above procedure.

Important

A dirty air filter reduces operating efficiency. Inspect filter at least once every week during operation. Clean filter with a vacuum cleaner or warm, soapy water. Thoroughly dry filter before replacing. Do not operate unit without filter.

Fan Motor

Fan motor is permanently lubricated so there is no need to oil motor.

Slide out Chassis

Some models feature a slide out chassis for easier installation. Refer to Installation Instructions provided with unit for details on removing chassis from outer case.

Before Calling For Service

Difficulty	Possible Cause	Suggested Solution
Air conditioner will not operate	No power to unit.	Set fan control to position other than off. Confirm power cord is plugged in. Check fuse or circuit breaker.
Little or no cooling.	Obstructed indoor or outdoor air flow.	Remove obstructions from indoor grille or outdoor louvers.
	Dirty air filter.	Clean air filter.
	Air conditioner undersized for application.	Check with dealer to determine proper unit capacity for application.
	Power interruption or quickly changing settings trips compressor	Let fan run. Compressor will automatically restart in approximately 10 minutes.
Noisy unit	Loose parts.	Tighten any loose parts.
	Weak building construction.	Provide additional support.
	Water hitting fan blade.	Normal in high humidity. Stop noise by removing drain plug and allowing water to drain from base pan.
Mounting support cannot be installed	Storm window frame has been installed into window.	Some models require removal of storm window frame. Refer to Installation Instructions provided with unit for details.
Odors in cooling	Mold, mildew or algae formation on wet surfaces.	Place algaecide tablet in base pan. Remove drain plug and drain base pan. Reinstall drain plug.
Water in base pan	Normal for operation in humid areas.	Water in base pan is picked up by the fan blade and thrown onto the warm outdoor coil where water then evaporates.

Amana

A Raytheon Company

Quiet Zone Room Air Conditioner

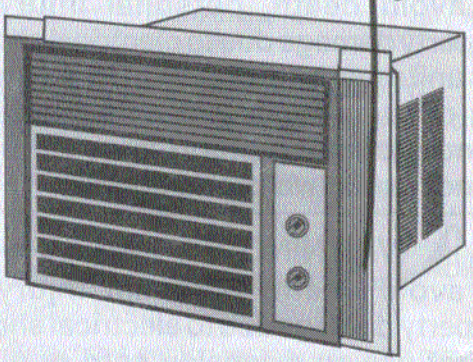
Use And Care Manual

Contents

Please read this Use and Care Manual thoroughly. This manual provides proper maintenance information for maximum benefit of the features selected.

10QZ22RC
10QZ22RC1
12QZ22RC
12QZ22RC1

14QZ23RC
14QZ23RC1
5QZ21RC
5QZ21RC1



18QZ33RC
18QZ33RC1
21QZ33RC
21QZ33RC1

7QZ21RC
7QZ21RC1
9QZ22RC1
9QZ22RC

⚠ WARNING

To avoid death, personal injury or property damage due to overheating, do not leave this room air conditioner unattended when used as cooling or life support for persons or animals unable to react to unit failure. Take precautions to warn or guard against such an occurrence.

UL®

⚠ RECOGNIZE THIS SYMBOL AS A SAFETY PRECAUTION

Amana Refrigeration, Inc.
Fayetteville, TN 37334

Effective: October 1995

A9037708

Electrical Requirements

Electrical Grounding Instructions

This appliance is equipped with a three-prong (grounding) plug for protection against possible shock hazards. If a two-prong wall receptacle is encountered, the customer is required to contact a qualified electrician and have the two-prong wall receptacle replaced with a properly grounded three-prong wall receptacle in accordance with the National Electrical Code.

Room air conditioners are designed to operate according to requirements on the nameplate and/or as shown in Table 1. Fuse or circuit breaker ratings must be according to the fuse instruction label and/or as shown in Table 1. Do not plug models marked "Use on Single Outlet Circuit Only" on right side of unit into a circuit with another appliance or light fixture.

⚠ WARNING

To avoid death, personal injury or property damage due to electrical shock, this unit must be grounded. Do not under any circumstances cut or remove the round grounding prong from the plug. Do not use a two prong adapter.

⚠ WARNING

To avoid death, personal injury or property damage due to electrical shock, do not use an extension cord or pinch the power cord. Do not remove the warning tag from the power cord.

Operation

Unit Plug Type	Receptacle Required	Circuit Rating, Breaker or Time Delay Fuse	Voltage Rating On Unit Nameplate
 NEMA No. 5-15P	 NEMA No. 5-15R	125V-15AMP	115V
 NEMA No. 6-15P	 NEMA No. 6-15R	250V-15AMP	230/208V rated at 12 amperes or less
 NEMA No. 6-20P	 NEMA No. 6-20R	250V-20AMP	230/208V rated over 12 amperes but not more than 16 amperes

Table 1

Safety Features

This room air conditioner is equipped with an electronic control to improve comfort and ensure reliability.

Compressor Lock-out

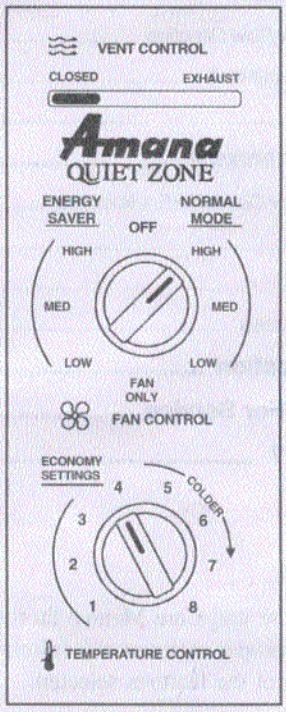
To extend the life of the compressor a delay of three to four minutes before the compressor can run will occur when:

- Electrical power is first supplied to the unit
- The thermostat is turned down immediately after the compressor stops running.
- The Fan Control is turned from a Normal Mode to an Energy Saver Mode or vice versa.

Low Voltage Protection

Where the voltage drops to unacceptable levels, the Amana control will interrupt power to the unit to ensure that the unit will not be damaged. When the line voltage returns to an acceptable level, the control will re-energize your unit.

NOTE: After power reaches an acceptable level, a compressor lockout will last three to four minutes before the compressor starts.



Control Panel

Initial Start-Up

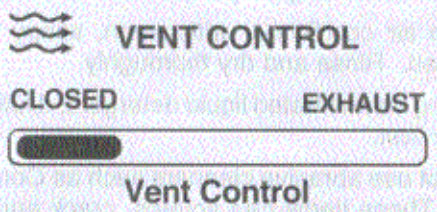
The compressor will **not** start for three to four minutes after the unit is plugged in.

1. Select the highest fan speed and set the temperature control to the coldest position.
2. When the desired temperature is reached, slowly turn the temperature control counter-clockwise until compressor shuts off.

The temperature control will then cycle the compressor on and off to maintain the selected temperature.

3. Adjust fan speed for desired air circulation.

Vent Control



Vent Control

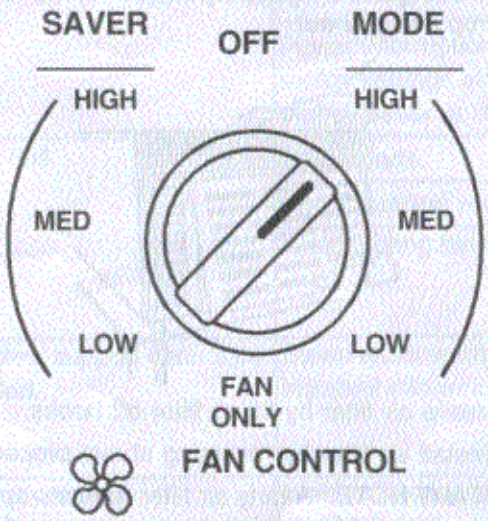
Open or close the vent by sliding the vent control to the appropriate setting.

CLOSED - Exhaust damper is closed. Unit circulates and filters room air. This position should be used for all normal cooling operations.

EXHAUST - Exhausts room air to the outdoors. Also circulates and filters room air. This position can be used to exhaust stale or smoky air.

NOTE: To conserve energy, the Fan Control should be in the Fan Only setting when using this feature.

Fan Control



FAN CONTROL

The Fan Control has eight positions.

OFF - Completely shuts off the unit's fan and compressor.

FAN ONLY - Circulates room air on high speed without cooling. To conserve energy, it is recommended that you use this setting when the Vent Control is in the exhaust position.

ENERGY SAVER MODE - HIGH, MED and LOW - The fan cycles on and off with the compressor on the selected speed. The fan runs about 45 seconds after the compressor shuts off to extract as much cooling from the indoor coil as possible. Periodically (approximately every 5 minutes) the fan will come on to "sample" the room air to determine if the compressor needs to come on to cool the room. If the room is cool enough, the fan will cycle off after 45 seconds. If the room needs cooling, the compressor will come on until the temperature control setting has been reached.

NOTE: The temperature in the room may vary more in the Energy Saver Mode.

NORMAL MODE - HIGH, MED AND LOW - The fan runs continuously on the selected speed to circulate and filter the air. If the compressor is running, the room air is cooled and dehumidified.

Fan Speed Selection

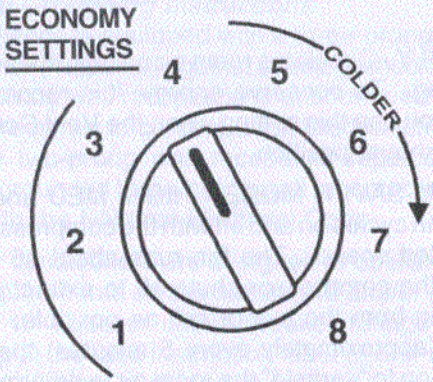
Choose one of the speed settings by rotating the fan control selector to the appropriate position.

HIGH - Select this setting for maximum air circulation.

MEDIUM - Select this setting for a combination of reduced air circulation and quieter operation.

LOW - Select this setting for quiet operation.

Temperature Control



TEMPERATURE CONTROL

Choose a temperature setting by rotating the selector to the appropriate position:

1 through 8 - controls room temperature by cycling the compressor on and off. Dial is numbered 1 to 8. Turn clockwise toward a higher number for a cooler room temperature. Turn counter-clockwise toward a lower number for a warmer temperature.

NOTE: Setting the control at the coldest extreme of the temperature range will **not** cool the room any faster.

The dial range from 1 to 3 is labeled Economy Settings. This range serves as a visual reminder that setting the temperature control at a lower number (higher room temperature) can reduce energy consumption.

General Information

Changing Air Flow Direction

Air flow deflectors divert air from center flow to left or right. Some models have a tilting air discharge chamber to provide a maximum 30° upward air discharge. Adjust baffles and tilting chamber for desired air flow pattern.

Air Flow Around Unit

Check indoor grille and outdoor louvers for air flow obstructions. Do not block air flow to and from unit. The outdoor coil should be checked and periodically cleaned for debris that may collect and block unit airflow. If air flow is obstructed or deflected back into unit, the compressor may cycle on and off rapidly, causing early compressor failure.

Drain Plug

Locate drain plug at the rear or on the bottom of unit. This air conditioner is designed to operate with plug in place. Water in base pan is picked up by the fan blade and thrown onto the warm outdoor coil where it evaporates. Permanently removing drain plug will slightly decrease the air conditioner efficiency.

Remove drain plug to drain water for periodic cleaning or before removing unit from window. Replace plug when finished.

Care and Maintenance

⚠ WARNING

To avoid death or personal injury due to electrical shock, turn fan control off and unplug power cord before cleaning or performing maintenance. After cleaning or performing maintenance, reconnect power.

1. At least once a year, remove chassis from outer case and thoroughly clean air conditioner. Have the unit inspected by an authorized servicer to ensure unit is functioning properly.
2. Wash air conditioner with warm, soapy water as needed. Rinse and dry thoroughly.
3. If using concentrated liquid detergent, dilute in warm water first.
4. Do not use abrasive cleaners such as Comet, Ajax, etc. These items can scratch, crack and discolor surfaces.

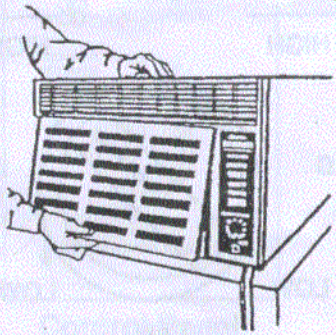
Ocean side or Corrosive Environment

Salt air or a corrosive environment may greatly reduce the life of the unit. After following cleaning instructions, sand and repaint any scratches or blisters on painted surfaces. In humid areas where algae formation is common, place an algaecide tablet in outdoor side of unit's base pan.

Air Filter

Front grille contains a removable insert that provides easy access to air filter.

1. Remove grille by grasping bottom center of grille. Lift up and pull out.



2. Remove air filter by lifting filter off hooks.
3. Reinstall air filter by reversing above procedure.

IMPORTANT NOTE: A dirty air filter reduces operating efficiency. Inspect filter at least once every week during operation. Clean filter with a vacuum cleaner or warm, soapy water. Thoroughly dry filter before replacing. Do not operate unit without filter.

Fan Motor
Fan motor is permanently lubricated so there is not need to oil motor.

Slide out Chassis
Some models feature a slide out chassis for easier installation. Refer to Installation Instructions provided with unit for details on removing chassis from outer case.

Model Identification

Complete enclosed registration card and promptly return card to Amana's Product Registration department. If registration card is missing, call Amana's Consumer Information Line, (1-800-843-0304).

When contacting Amana, provide product information. Locate product information on the nameplate, found underneath front grille. Record the following information:

Model Number: _____

Manufacturing Number: _____

Serial or S/N Number:_____

Date of purchase:_____

Dealer's name and address:_____

Keep a copy of sales receipt for future reference or in case warranty service is required. If something is operating incorrectly, read "Before Calling for Service" section.

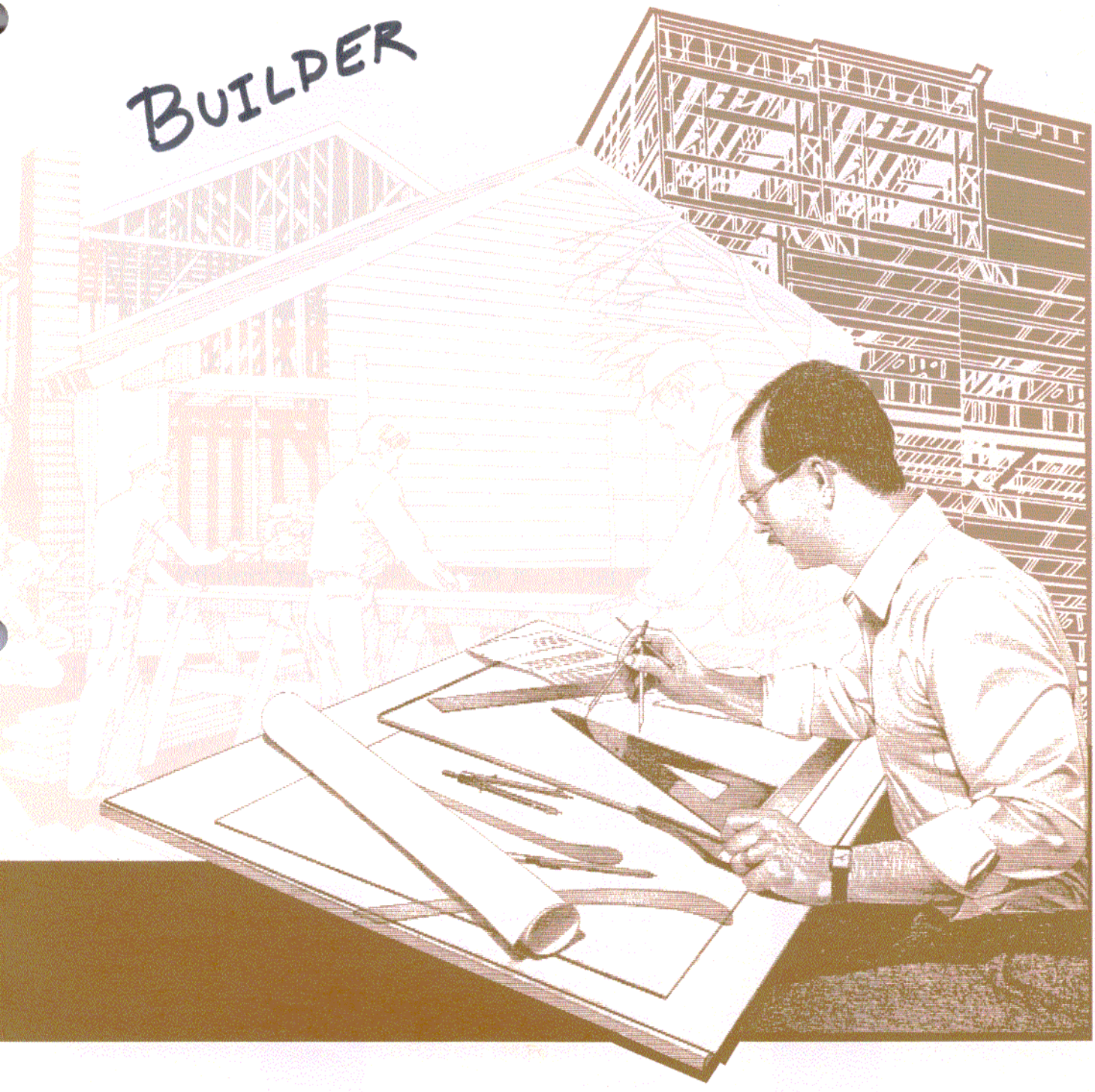
Before Calling For Service

Difficulty	Possible Cause	Suggested Solution
Air conditioner will not operate	No power to unit.	Set fan control to position other than off.
		Confirm power cord is plugged in.
		Check fuse or circuit breaker.
Little or no cooling.	Compressor lockout on initial plug-in.	Wait 3 to 4 minutes and recheck compressor.
	Dirty air filter.	Clean air filter.
	Air conditioner undersized for application.	Check with dealer to determine proper unit capacity for application.
	Power interruption or changing switch settings from normal mode to energy saver or vice versa.	Let fan run. Compressor will automatically restart in approximately 3 to 4 minutes.
Noisy unit	Loose parts.	Tighten any loose parts.
	Weak building construction.	Provide additional support.
	Water hitting fan blade.	Normal in high humidity. Stop noise by removing drain plug and allowing water to drain from base pan. Reinstall drain plug.
Mounting support cannot be installed.	Storm window frame has been installed into window.	Some models require the window sill to be adapted to accept the mounting support. Refer to Installation Instructions provided with the unit for details.
Odors in cooling	Mold, mildew or algae formation on wet surfaces.	Place algaecide tablet in base pan. Remove drain plug and drain base pan. Reinstall drain plug.
Water in base pan.	Normal for operation in humid areas.	Water in base pan is picked up by the fan blade and thrown onto the warm outdoor coil where water then evaporates.

Room Air Conditioners
and Heat Pumps

Amana®

1989 Builder Specification Guide



When you know exactly what you want.

Amana
A Raytheon Company

Contents

Introduction

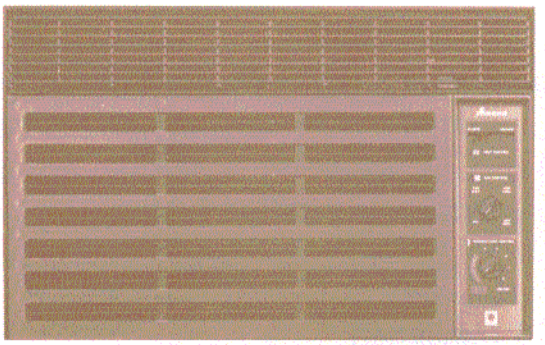
Quality-built Amana Room Air Conditioners and Room Heat Pumps are ideal for motels, hotels, offices, private homes, apartments, dormitories or any application needing cooling or heating that the central system does not provide.

Capacities range from 12,200 BTU cooling only and 8,600 to 17,000 BTU heating with cooling and heating models.

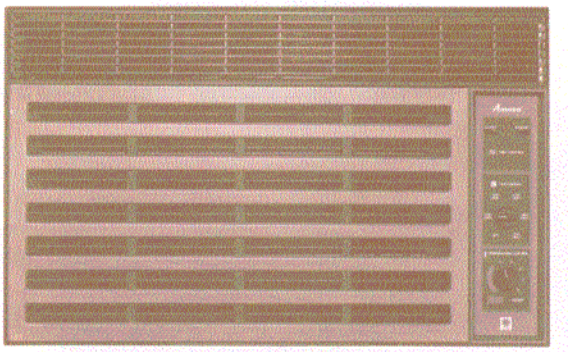
All units are designed for energy-saving performance, delivering high Energy Efficiency Ratios (EER's)* that save more money compared to standard units. And, each unit is built to be extra quiet for people pleasing comfort.

*EER: Energy Efficiency Ratio is a measure of cooling efficiency. The higher the EER number, the more efficient the cooling system.

Cooling and Heat Pump Models



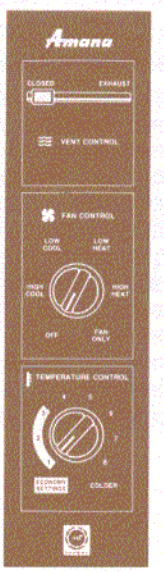
Air Conditioner
B12C3S



Heat Pumps
B9C3HES
B12C3HES
B18C3HES

This high efficiency model provides cool comfort while using less energy than a standard efficiency room air conditioner. Available in 230/208 volts, this unit is also equipped with a tilt box and horizontal louvers for up to 30° upward air discharge and side to side control of air flow.

Heat pumps offer energy efficient cooling and heating. These models are available in 115 volt and 230/208 volt models. The 230/208 units switch automatically from reverse cycle heat operation to auxiliary for climates with an outdoor temperature below 32°F. Features on all four models include two speed fan operations, exhaust air ventilation and a full range of temperature settings.



Features

1 Amana-made copper tube and aluminum fin coils

To make our own coils, Amana takes seamless copper tubing and mechanically expands it into the fitted collars of rippled aluminum fins.

Amana makes coils from durable copper tubing instead of cheaper aluminum tubing because copper resists corrosion better and can withstand greater internal pressure than an equal thickness of aluminum. Copper is also easier to braze than aluminum, important if your coil ever needs repair.

The rippled design strengthens fins and adds surface area for increased efficiency. Unlike spine fin coils found on some brands, rippled fins can be easily straightened if accidently bent. Amana mechanically expands the tubing into the fin collars for a tight, machine bonded fit that ensures even heat transfer. The fins of spine fin coils are often glued to the tubing.

Every Amana coil undergoes three separate tests for leaks, including an electronic test so sensitive, it can detect leaks as small as one ounce in twenty years.

2 Steel basepan and outercase

A lot of room air conditioners are built today with plastic basepans or outercases. Not Amana. We use a solid one piece steel basepan and strong steel outercase to resist the abuse that the elements, compressor and fan vibration and repeated installation and removal can inflict on a window air conditioner over the years. Plastic basepan and cases can crack or split and cannot be repaired and often not replaced.

3 Quiet, efficient permanant split capacitor motor

Designed for more efficient operation than cheaper shaded pole motors. They're designed for longer life and are sealed to keep out dirt, yet operate 10°C below U.L. temperature requirements. Cooler operating temperatures mean longer motor life. In order to meet U.L. requirements, motors found in some other brands require open ends for air circulation that can allow dust and dirt inside the motor where it can keep oil from the bearings. Amana models also feature oil ports to allow periodic lubrication that can extend motor life.

4 Rotary compressor*

Amana rotary compressors are hermetically sealed against dust and moisture. In addition they feature an accumulator that helps ensure quiet, efficient operation. A compact size also improves airflow for maximum operating efficiency.

* Most models

5 Extra refrigeration tubing—

Extra refrigeration tubing—between compressor and coils isolates compressor vibrations.

6 Insulation

You may not find any insulation in some brands, but Amana units use insulation to absorb noise and keep the cool air inside and the hot air outside.

7 Electrically bonded paint finish

Instead of ordinary flow coated or spray painted processes, Amana uses a special cathodic electro-deposition paint process, similar to the chrome plating process used on car bumpers. Zinc coated steel goes through a six stage cleaning process. The steel receives a negative electrical charge and is dipped in positively charged epoxy resin paint. The paint is electrically bonded in a complete and uniform coating that covers edges and screw holes and allows painted bolts to be threaded by hand.

Painted parts are then cleaned and baked dry. Outdoor surfaces receive an additional high solids polyester overspray for added durability and good looks.

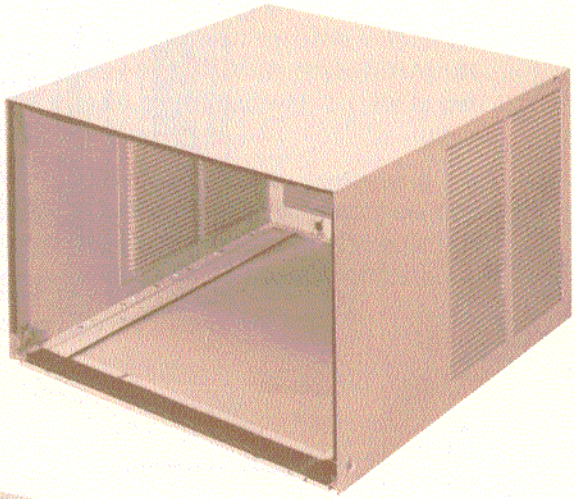
8 Easy filter access

Removable front insert makes filter access a snap.

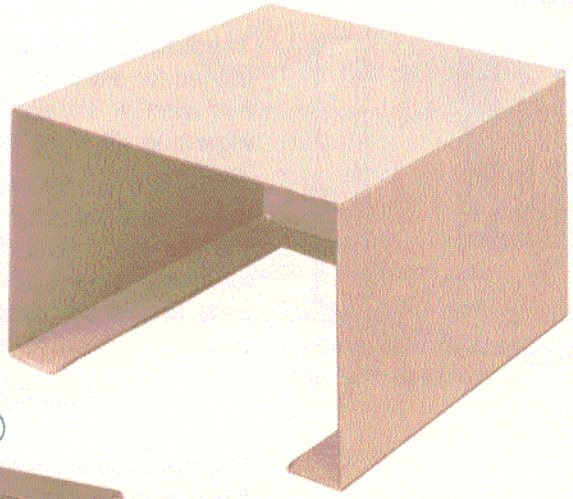
9 Full factory testing

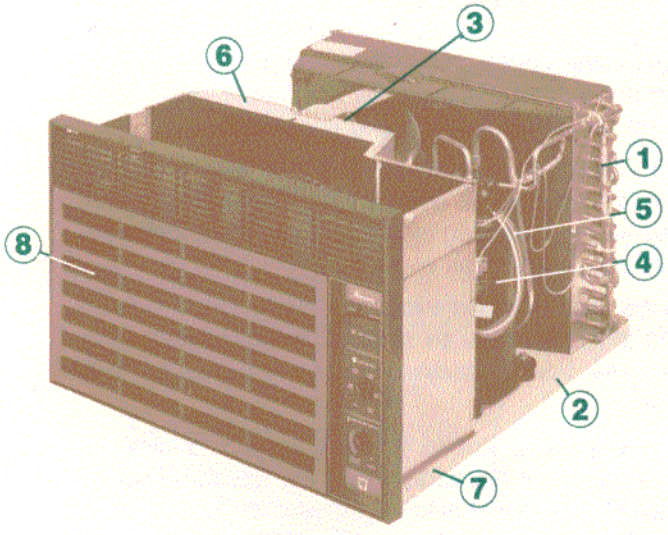
Amana doesn't merely audit quality. We design it into every unit and test it in every unit. Before leaving the factory, every room air conditioner and heat pump undergoes a full operational test to ensure positive performance.

The attached rear grill and steel outercase are constructed to resist the abuse that the elements, compressor and fan vibration can inflict on a window air conditioner.



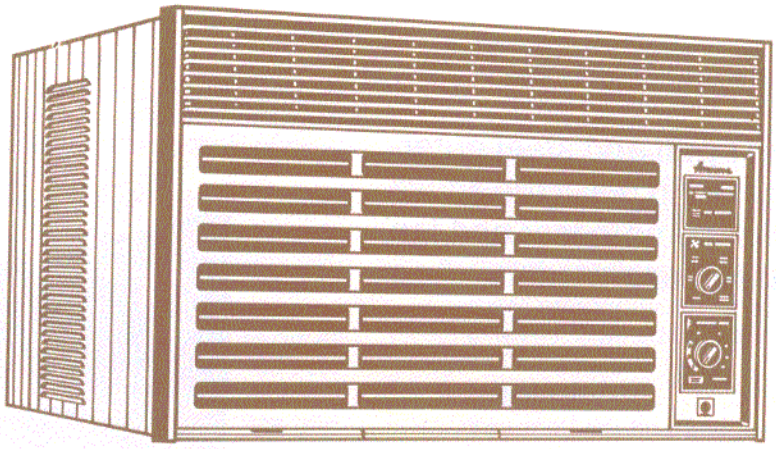
A strong weather-resistant cardboard insert fits snugly inside the outercase during shipping.



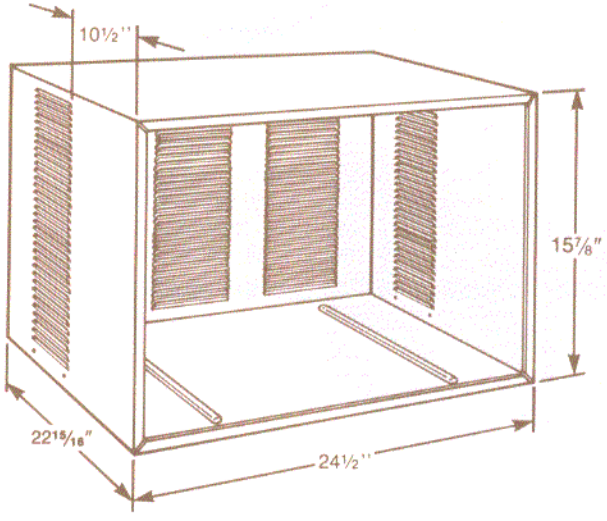


The chassis sits on a solid one-piece basepan to help reduce corrosion activity.

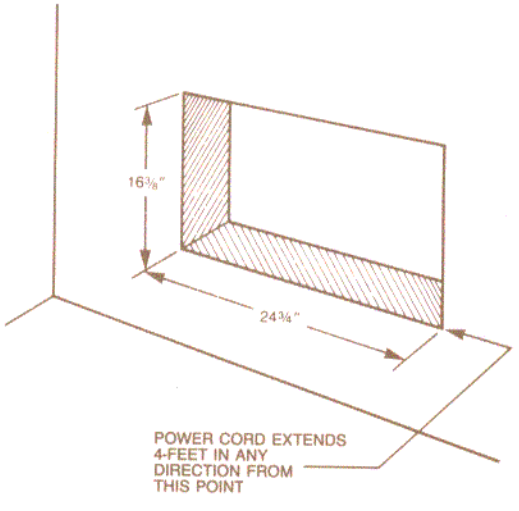
Installation Instructions—Compact Series



Compact Series Model



S100 Sleeve



The Amana Compact Series Room Air Conditioner is designed for either through the wall or window installation. For window installation you will also need an optional Mounting Kit (Part No. C6412301).

All models are slide-out chassis, which will allow you to install the outer case first (Model #S100), and then slide the chassis in later. The outer case has a solid bottom for proper sealing into the wall. Runners are provided for ease of chassis installation and removal.

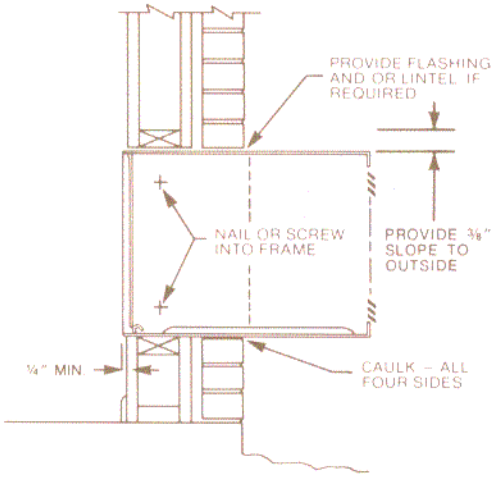
GENERAL INSTRUCTIONS

A finished opening 24¾" wide x 16⅜" high is required. The right lower corner of inside opening must be within 4 feet of the electrical outlet to be used. (See page 10 for details on proper receptacle and grounding.)

Be sure to caulk completely around outside of unit to insure it is properly sealed into the wall. Depending on wall construction and opening location, a lintel (not included) may be required for wall support.

Where the wall thickness exceeds 10½ inches, provision must be made to allow air to enter the condenser side louvers (see special instructions on page 7 for this situation).

The sleeve must be sloped ⅜" front to back to allow for proper condensate drainage. Units are equipped with a rear drain plug, which should be removed or piped for condensate drainage for heat pump operation in sub-freezing temperatures.

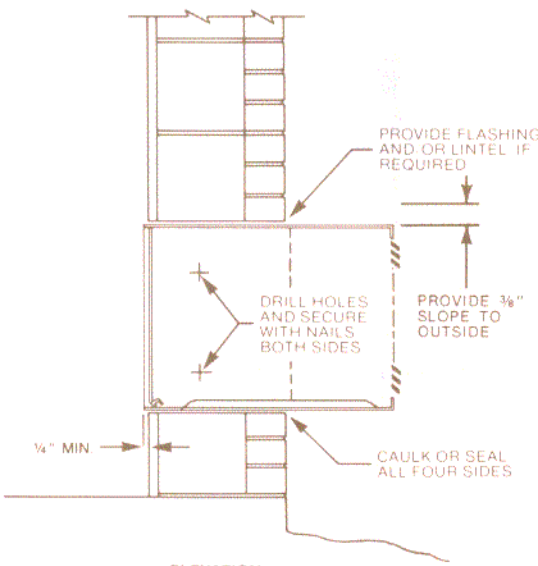


ELEVATION
SECTION VIEW THRU OUTER CASE

Brick veneer or frame wall construction

The opening should be cut or built into the wall to the dimensions shown under the heading "GENERAL INSTRUCTIONS." It should be framed with 2 x 4's to permit attachment of the Outer Case.

Secure the Outer Case into the wall by positioning it to provide a 3/8 inch slope to the outside for proper condensate removal and then driving a minimum of two nails or screws through each side into the frame members.

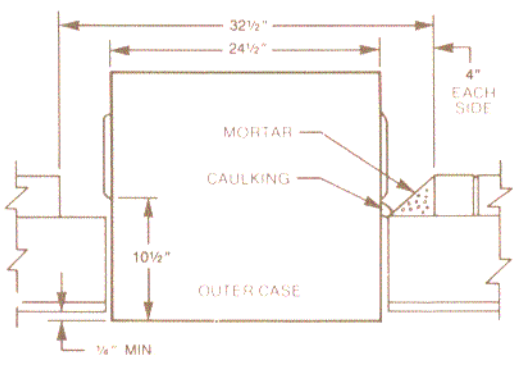


ELEVATION
SECTION VIEW THRU OUTER CASE

Masonry construction

A finished opening 24¾ inches wide by 16⅜ inches high should be cut out or built into the masonry wall. The Outer Case may either be sealed into place with mortar, or secured to the wall by concrete nails driven through the sides of the case. Clearance holes should be drilled into the case if nails are used.

It may be desirable to finish off the inside opening with wood molding. In this event, the Outer Case should extend further into the room to compensate for the molding thickness.

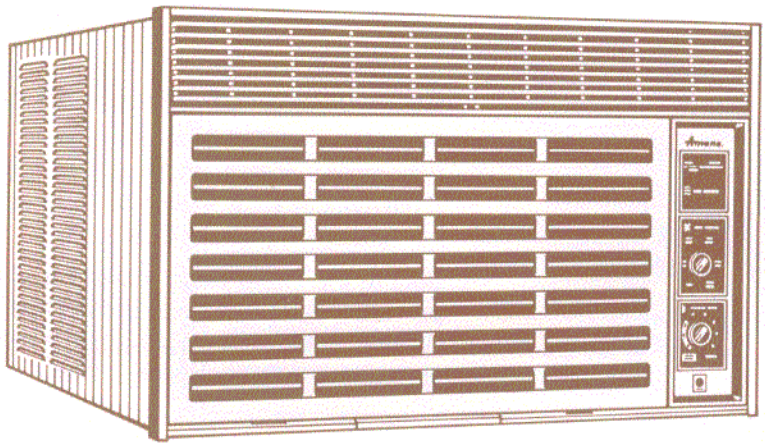


TOP VIEW

Where wall thickness exceeds 10½ inches

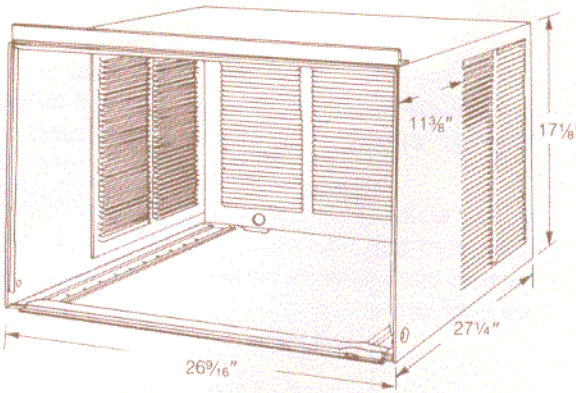
Where the wall is over 10½ inches thick, provision should be made in the wall opening so as not to obstruct air entering the side louvers. This can be accomplished by chamfering the vertical portions of the outside opening as shown.

Installation Instructions—High Capacity



High Capacity Series Model

The Amana High Capacity Series Room Air Conditioner is designed for either through the wall or window installation. For window installation you will also need Standard Mounting Kit (Part No. C6389301).
All models are slide-out chassis, which will allow you to install the outer case first (Model #S200), and then slide the chassis in later.



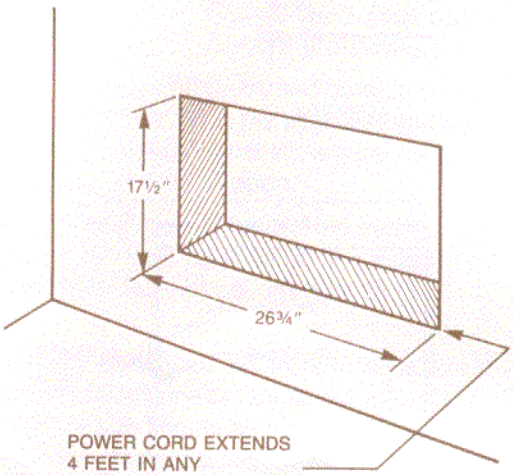
S200 Sleeve

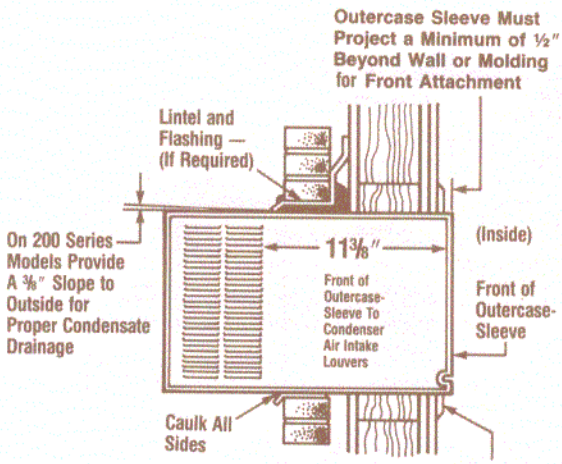
GENERAL INSTRUCTIONS

A finished opening 26¾" wide x 17½" high is required. The right lower corner of inside opening must be within 4 feet of the electrical outlet to be used. (See page 10 for details on proper receptacle and grounding.)

The Outer Case of the unit should be installed with a ⅜" slope to the outside for proper condensate drainage. Be sure to caulk completely around outside of unit to insure it is properly sealed into the wall. Depending on wall construction and opening location, a lintel (not included) may be required.

Where the wall thickness exceeds 12 inches, provision must be made to allow air to enter the condenser side louvers (see special instructions on page 9 for this situation).

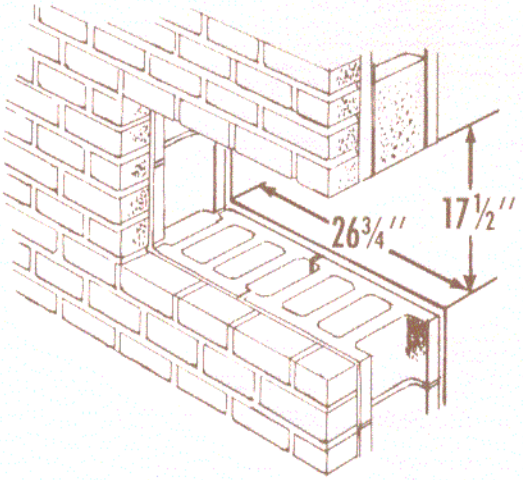




SIDE VIEW
BRICK VENEER CONSTRUCTION
(FLUSH INSIDE APPEARANCE)

Brick Veneer or frame wall construction

The opening should be cut or built into the wall to the dimensions shown on the previous page under the heading "GENERAL INSTRUCTIONS." It should be framed with 2 x 4's to permit attachment of the Outer Case.

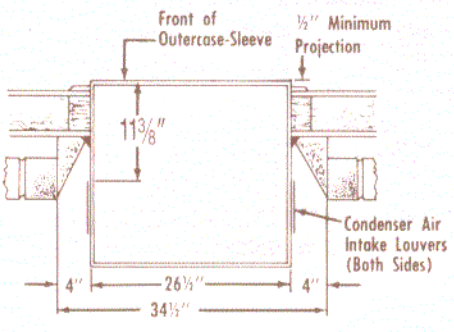


BRICK VENEER CONSTRUCTION
WALL OPENING
UP TO 12" THICK

Masonry Construction

A finished opening of 26¾ inches wide by 17½ inches high should be cut out or built into the masonry wall. The Outer Case may either be sealed into place with mortar, or secured to the wall by concrete nails driven through the sides of the case. Clearance holes should be drilled into the case if nails are used.

It may be desirable to finish off the inside opening with wood molding. In this event, the Outer Case should extend further into the room to compensate for the molding thickness.



TOP VIEW SHOWING CHAMFER
FOR CONDENSER AIR INTAKE
ON MODELS WITH SIDE LOUVERS

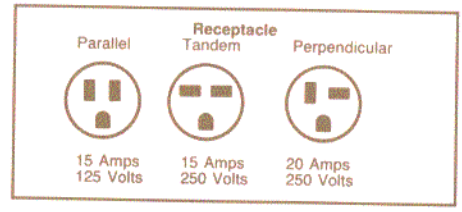
Where wall thickness exceeds 12 inches

All models contain side louvers in the outer case. Where the wall is over 12 inches thick, provision should be made in the wall opening so as not to obstruct air entering the side louvers. This can be accomplished by chamfering the vertical portions of the outside opening as shown.

Specifications

	Cooling	Heating and Cooling		
Model	**B12C3S**	**B9C3HES**	**B12C3HES**	**B18C3HES**
Volts	230/208	230/208	230/208	230/208
Capacity†				
Cooling BTUH	12,000/11,800	8,600/8,400	12,400/12,200	17,600/17,300
Amps	5.9/6.2	4.1/4.5	6.2/6.6	8.5/9.4
Energy Efficiency Ratio				
BTU/Watts†	9.1/9.1	9.2/9.1	8.9/8.9	8.9/8.9
Dehumidification Pts/Hr.	3.1/2.7	1.3	3.4/2.4	4.8
Capacity††				
Heating BTUH	—	8,400/8,200	12,500/12,100	16,100/15,800
Amps	—	3.7/4.0	6.0/6.4	8.1/8.6
Watts	—	850/830	1,350/1,315	1,830/1,740
Electric Heater Watts	—	3,300/2,700	3,300/2,700	3,300/2,700
Features				
No. Fan Speeds	2	2	2	2
CFM Room Air†††	340	340	340	475
Ventilation	Exhaust	Exhaust	Exhaust	Exhaust
Easy Filter Access	Yes	Yes	Yes	Yes
Rotary Compressor	Yes	No	Yes	Yes
Copper Tubing	Yes	Yes	Yes	Yes
Plug Type	Tandem	Perpendicular	Perpendicular	Perpendicular
Electric Resistance Heater		Yes	Yes	Yes
Dimensions (inches)				
Height	15⅞"	15⅞"	15⅞"	17⅛"
Width	24½"	24½"	24½"	26½"
Depth (including front)	23⅞"	23⅞"	23⅞"	28¼"
Approx. Shipping Wt.	102	112	112	150

*Note—Specifications include: Refrigerant R22. Temperature Control has approximately 4° differential on cooling and 3½° on Heat Pump models.
*Note 2—Dual voltage units based on operation from 253 to 197 volts.



† Rating conditons are 80°db, 67°wb indoor air and 95°db, 75°wb, outdoor air.
†† At 47° rating point. See below for heating performance at other temperatures.
††† Wet coil with fan on High Speed or Extra high speed

Room Heat Pump Performance

Volts	230V			208V		
Model	**B9C3HES**	**B12C3HES**	**B18C3HES**	**B9C3HES**	**B12C3HES**	**B18C3HES**
52° Outdoor						
BTUH	9,300	13,500	17,400	9,100	13,100	17,300
Watts	885	1,395	1,860	865	1,360	1,840
Amps	4.0	6.4	8.2	4.3	6.8	8.8
47° Outdoor						
BTUH	8,400	12,500	16,100	8,200	12,100	16,000
Watts	850	1,350	1,750	830	1,315	1,735
Amps	3.7	6.0	7.8	4.0	6.4	8.4
COP	2.9	2.7	2.7	2.9	2.7	2.7
42° Outdoor						
BTUH	6,250	11,700	15,100	6,000	11,300	15,000
Watts	820	1,300	1,650	800	1,265	1,635
Amps	3.4	5.7	7.4	3.7	6.1	8.0
40° and Below						
BTUH	11,100	11,100	11,100	9,100	9,100	9,100
Watts	3,500	3,500	3,650	2,900	2,900	3,000
Amps	15.6	15.6	15.6	14.2	14.2	14.2

Dual voltage, 230/208 models. Heating performances are shown for both voltages.
All models automatically switch to electric heat (3.3 kw) at 35 to 40°F. (Except model CES 109-2HS.)
40° rating point based on electric heat operation.

C.O.P. = Coefficient of Performance.
$= \frac{\text{Heat Output in Watts}}{\text{Energy Input in Watts}}$
47°F is official rating point.

Warranty

Amana ROOM AIR CONDITIONER

FULL ONE YEAR WARRANTY
Full Five Year Warranty on Sealed System Components

FIRST YEAR Amana will repair or replace any defective part free of any charge.

SECOND THRU FIFTH YEARS Amana will repair or replace free of any charge any defective sealed system component (evaporator, condenser, motor compressor, interconnecting tubing).

Warranty service must be performed by an authorized Amana servicer. For warranty service contact an authorized Amana servicer or see your Use and Care Manual for procedures. Service will be provided during normal business hours.

Owner's responsibilities include providing normal care and maintenance, providing proof of purchase on request, replacing knobs, filters or other owner replaceable items where directions appear in the use and care instructions, and having the appliance reasonably accessible for service.

Warranty begins at date of original purchase and applies only to normal home use within the United States and Canada. However, in Alaska, U.S. territories, and Canada, Amana's obligation during the second thru fifth years shall be limited to providing replacement warranty parts, f.o.b. Amana, Iowa, and related labor by an authorized Amana servicer.

SPECIMEN

Warranty is void if serial plate is defaced, or where defect is due to damage, product alteration, connection to an improper electrical supply, or where product is not used in accordance with use and care instructions. IN NO EVENT SHALL AMANA BE RESPONSIBLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES.

This warranty gives you specific legal rights, and you may have others which vary from state to state. For example, some states do not allow the exclusion or limitation of incidental or consequential damages, so this exclusion may not apply to you.

AMANA REFRIGERATION, INC. • AMANA, IOWA 52203

Guide Specifications

Supply and install air cooled through the wall room air conditioner/heat pump.

PERFORMANCE RATINGS. Unit shall have a rating of _____ BTUH cooling _____ Amps and _____ Watts at _____ Volts. Unit shall have a rating of _____ BTUH heating, _____ Amps and _____ Watts at _____ Volts. The Unit must have a minimum evaporator CFM of _____ when operated on high speed, and it must remove _____ pints of moisture per hour when operated at rating conditions. The Energy Efficiency Ratio shall be a minimum of _____.

CONTROLS. Completely wired and accessible from the front. Controls shall include high and low fan speed for cooling and heating, fan only operation and off. Cross ambient vapor bellows thermostat control will cycle unit to maintain space conditions. Ventilation control must feature closed position and exhaust air position that allows the removal of stale air.

COMPRESSOR. Reciprocating compressors must be hermetically sealed and mounted on spring isolators. Rotary compressors must be hermetically sealed.

EVAPORATOR AND CONDENSER FANS. Fans shall be direct drive with permanent split capacitor motors. Evaporator fan shall be centrifugal type and condenser fan shall be propeller type with slinger ring for condensate removal.

WALL SLEEVE. The sleeve shall be one piece galvanized steel with electro-deposition paint finish and high solids polyester overspray. Sleeve shall be shipped with weather resistant closure panel and attached rear grill. Sleeve shall also be protected by an electro-deposition paint process to prevent rust and corrosion.

UNIT CHASSIS. Chassis shall be slide out design, shipped with front. Unit shall feature insulated bulkhead.

HEAT PUMP SPECIFICATION. In addition to the above, heat pump units shall have a change over thermostat, lock-open refrigerant reversing valve, and temperature activated defrost drain.

PBC- PBE

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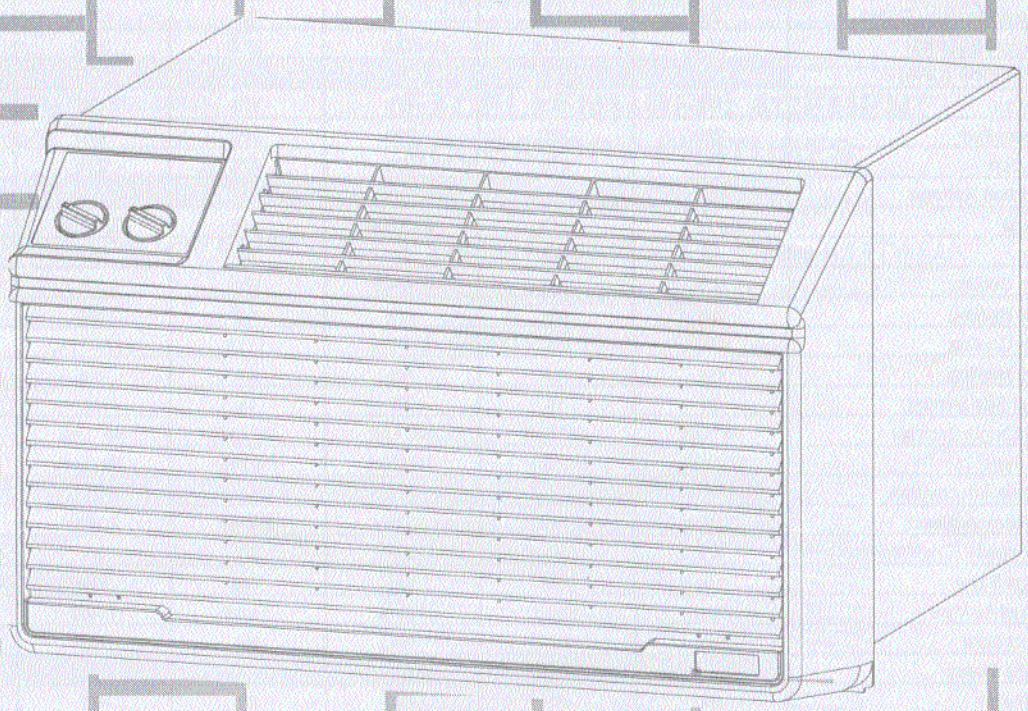


THROUGH-THE-WALL UNIT

Exceptional
Full 1-Year
Service Warranty

Full 5-Year
Sealed System
Warranty

An efficient and affordable Through-the-Wall Room Unit uniquely designed and manufactured to stand alone by virtually eliminating the most frequent causes of product failure. Using only the highest quality materials and components available, is our standard policy.

After all, if a part fails - the unit fails.

CERTIFIED RATING ARI

ETL LISTED USA

ETL LISTED CANADA

Amana®

Heating ▪ Air Conditioning

BUILT BETTER THAN IT HAS TO BE™

AMANA THROUGH-THE-WALL MODELS

Model Number	PBC071A00A	PBC081A00A	PBC092A00A	PBC101A00A	PBC102A00A	PBC111A00A	PBC112A00A
Unit Ratings							
BTU/Hour Cooling	7,000	8,000	9,000/8700	10,000	10,000/9,700	11,100	11,100/10,800
BTU/Hour Heating	n/a	n/a	n/a	n/a	n/a	n/a	n/a
EER	9.2	9.0	9.5/9.5	8.5	8.5/8.5	8.5	8.5/8.5
Dehumidification (Pts/Hr)	2.8	3.0	3.2	3.4	3.4	4.0	4.0
Exhaust Air (CFM)	37.0	37.0	37.0	37.0	37.0	37.0	37.0
Dry Air Flow (CFM)							
Low Fan	175	175	175	175	175	205	205
Medium Fan	220	220	220	220	220	250	250
High Fan	275	275	275	275	275	300	300
Electrical Ratings							
Voltage	115	115	230/208	115	230/208	115	230/208
Hertz	60	60	60	60	60	60	60
Amps Cooling	7.3	8.0	4.4/4.8	10.5	5.3/5.7	11.8	5.9/6.3
Amps Heating	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Watts Cooling	770	890	950/920	1175	1175/1140	1305	1305/1270
Watts Heating	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Circuit Size (Amps)	15	15	15	15	15	15	15
Cord Length (Inches)	48" Left	48" Left	48" Left	48" Left	48" Left	48" Left	48" Left
Plug Type	Parallel	Parallel	Tandem	Parallel	Tandem	Parallel	Tandem
Chassis Information							
Air Direction (Fixed)	2-Way	2-Way	2-Way	2-Way	2-Way	2-Way	2-Way
Fan Speeds (Cool/Fan/Heat)	3/1	3/1	3/1	3/1	3/1	3/1	3/1
Energy Saver	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Exhaust Air Vent	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed
Control Door	No	No	No	No	No	No	No
Weight Specs							
Net Weight	80	83	83	83	83	90	90
Shipping Weight	91	94	94	94	94	101	101

Model Number	PBE081A15A	PBE092A35A	PBE102A35A	PBE112A35A
Unit Ratings				
BTU/Hour Cooling	8,000	9,000/8700	10,000/9,700	11,100/10,800
BTU/Hour Heating	4,000	11,400/9,200	11,400/9,200	11,400/9,200
EER	9.0	9.5/9.5	8.5/8.5	8.5/8.5
Dehumidification (Pts/Hr)	3.0	3.2	3.4	4.0
Exhaust Air (CFM)	37.0	37.0	37.0	37.0
Dry Air Flow (CFM)				
Low Fan	175	175	175	205
Medium Fan	n/a	n/a	n/a	n/a
High Fan	275	275	275	300
Electrical Ratings				
Voltage	115	230/208	230/208	230/208
Hertz	60	60	60	60
Amps Cooling	8.0	4.4/4.8	5.3/5.7	5.9/6.3
Amps Heating	12.0	15.5/14.5	15.5/14.5	15.5/14.5
Watts Cooling	890	950/920	1175/1140	1305/1270
Watts Heating	1380	3565/3005	3565/3005	3565/3005
Circuit Size (Amps)	15	20	20	20
Cord Length (Inches)	48" Left	48" Left	48" Left	48" Left
Plug Type	Parallel	Perpendicular	Perpendicular	Perpendicular
Chassis Information				
Air Direction (Fixed)	2-Way	2-Way	2-Way	2-Way
Fan Speeds (Cool/Fan/Heat)	2/1/2	2/1/2	2/1/2	2/1/2
Energy Saver	Yes	Yes	Yes	Yes
Exhaust Air Vent	Fixed	Fixed	Fixed	Fixed
Control Door	No	No	No	No
Weight Specs				
Net Weight	84	84	84	91
Shipping Weight	95	95	95	102

Dimensional Specs For All Units *(Dimensions in Inches)*	
Chassis Height	14 3/8
Chassis Width	24 3/4
Chassis Depth w/o Front	21 1/8
Carton Height	19 1/2
Carton Width	32 3/4
Carton Depth	30 3/4

FEATURES:

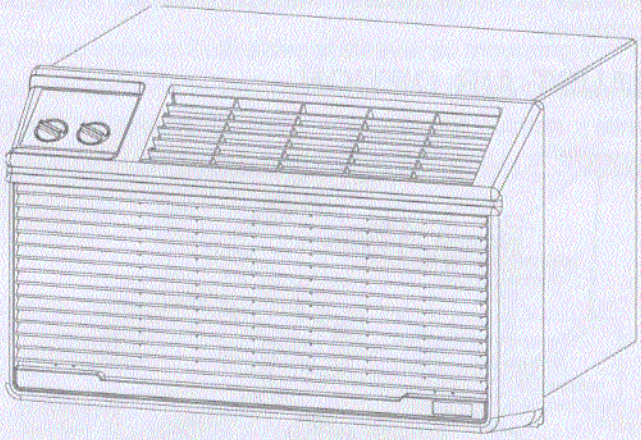
- Solid Side Wall Installation
- Painted G90 Galvanized Steel Construction
- Snap Out Grille for Easy Access to Washable Filter
- Copper Tube and Aluminum Fin coils
- 31º Slope High Tech Gray Front for Top Air Discharge
- Changeable Air Flow Direction (15° - 40°)
- Gasket Included with Front for Airtight Installation
- Easy to Read Rotary Control Knobs
- PBC Models - 3 Cooling and 1 Fan Only Speed Controls (Cool only)-
- PBE Models - 2 Cooling, 2 Heat and 1 Fan Only Speed (Cool/Heat)
- Fixed Concealed Air Exhaust
- High Efficiency Fan Motor
- Quiet Design Fan and Blower Wheel
- Front Shipped with Chassis
- Fan Cycle Switch
- Full 1 Year Service Warranty -
  Full 5 Year Sealed System Warranty
- Simple Competitive Sleeve Adapter Kits
- National Field Support

ACCESSORIES:

Wall Sleeves	SLV-26 SLV26-2A SLV26-3A
Upgraded Aluminum Architectrual Grille	HGK26-1
Drain Kit	DK9001

EXCELLENT REPLACEMENT ACCESSORY FEATURES:

- Existing Friedrich® Sleeve Kit #TWFAK
- Existing Fedders® 'A' & 'B' Sleeve Kit #TWFAK
- Existing Emerson® Sleeve Kit #TWEAK
- Existing GE® Sleeve Kit #TWKG



Model Number Nomenclature Guide

Position	Letter/ Number	Significance
1 & 2	PB	26" Chassis Package Builder Units
3	C	Type of Model: C = Cooling Only E = Electric Heat/Cooling
4 & 5	9	Nominal System Cooling Capacity (MBtuh)
6	2	Voltage: 1 = 115-1-60 2 = 230/208-1-60
7	A	Series Design/Marketing Feature
8 & 9	0	Electric Heat: 00 = No Heat Model 12 = 1.2 kW (115V) 35 = 3.5 kW (230V) / 2.7 kW (208V)
10	A	Special Feature/Model Indicator
11	A	Engineering Design Revision

Dimensions

	Chassis	Room Cabinet	SLV-26 Wall Sleeve	*SLV26-2A Wall Sleeve	**SLV26-3A Wall Sleeve
Width	24 3/4"	27 1/4"	26"	26"	26"
Height	14 3/8"	16 7/8"	15 5/8"	15 5/8"	15 5/8"
Depth	21 1/8" w/o Front 22 1/4" with Front	6 3/8"	16 7/8"	16 7/8"	16 7/8"

* Used with DK900-1 Drain Kit
** Insulated and DK9001 Drain Kit Compatible

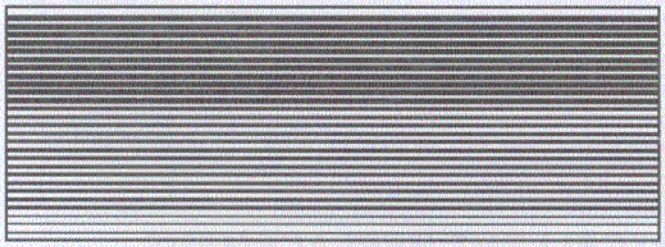
All of our units are designed and manufactured with the same high quality standards regardless of size or efficiency. Our designs are unique because they virtually eliminate the most frequent causes of product failure.

We use the highest quality materials and components available because if a part fails, then the unit fails.

Finally, every unit is run tested before it leaves the factory.

Amana - *built better than it has to be.*

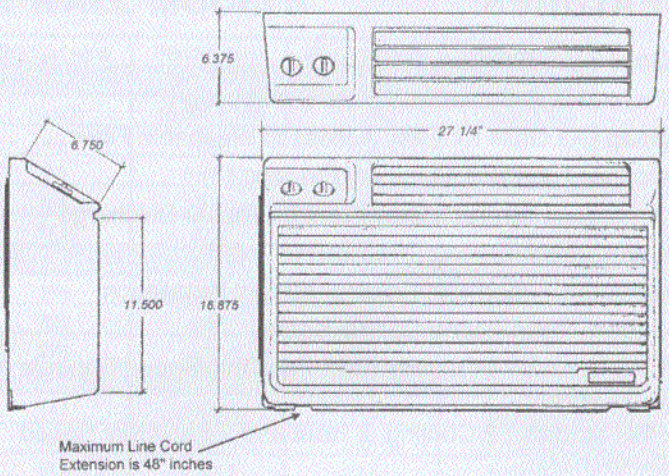
ARCHITECTURAL GRILLE



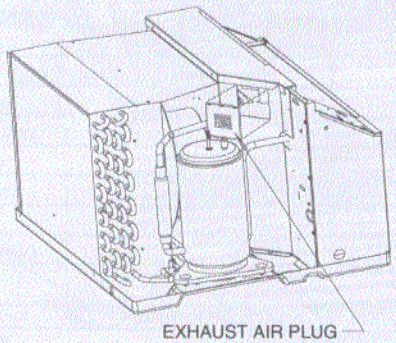
The architectural grille is an option which gives an attractive architectural outdoor appearance. The architectural grille is available in anodized Natural to blend with building exterior.

NOTES:

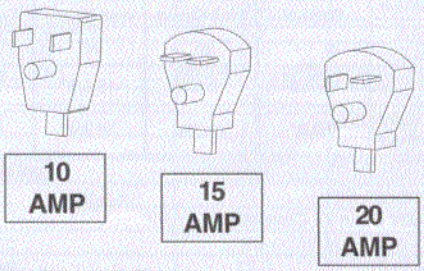
1). Grilles must be installed prior to chassis installation.
2). Grilles have handles and install from the inside of the room to allow for easy high-rise installation. Handles should be removed after installation is complete.



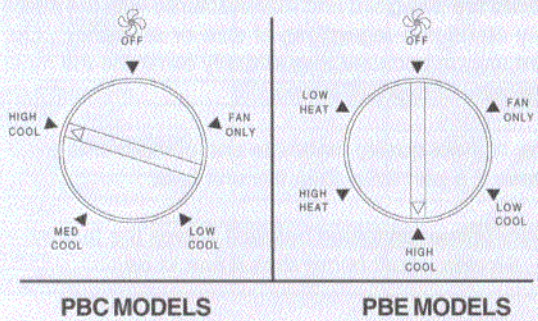
EXHAUST AIR OPTION

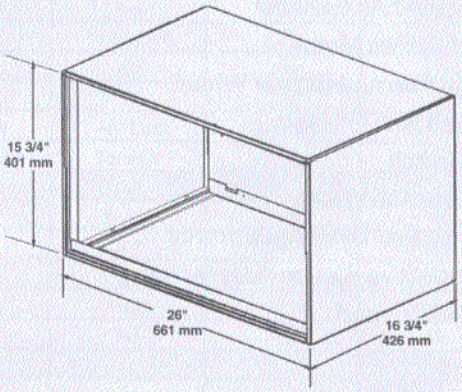


PLUG TYPES

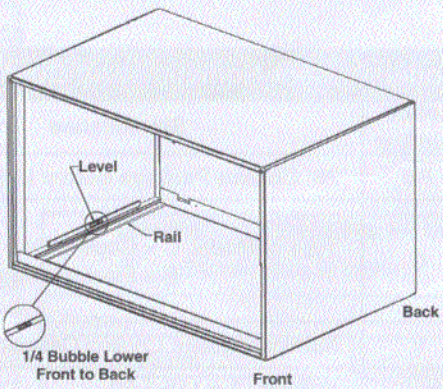


MODE SWITCH



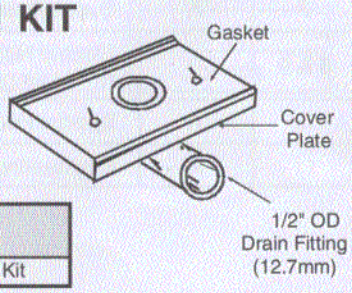


WALL SLEEVE INSTALLATION



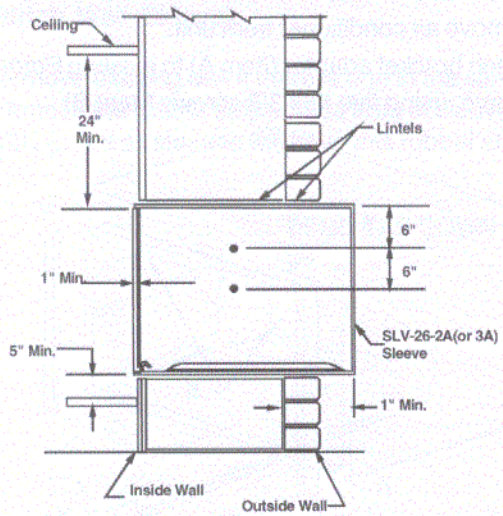
CONDENSATE DRAIN KIT

Attaches to the wall sleeve base pan for controlled internal or external disposal of condensate

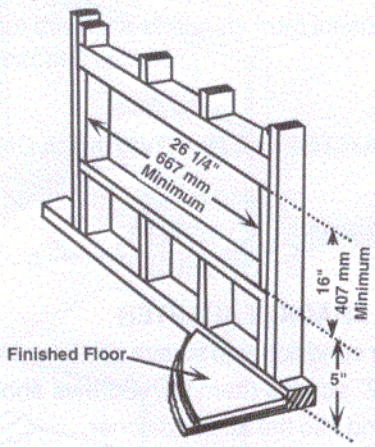


Kit Ordering Number	Description
DK9001	Condensate Drain Kit

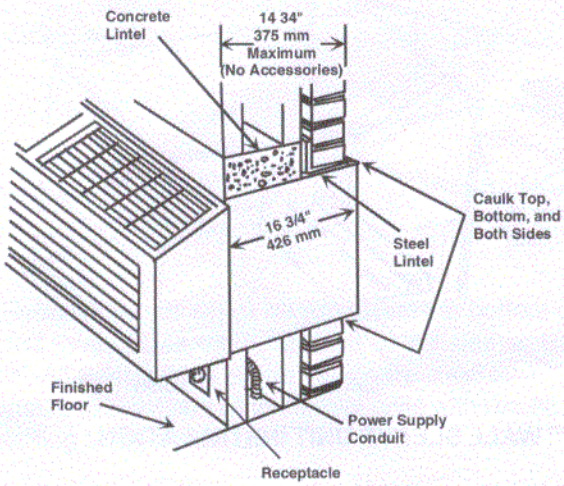
MINIMUM UNIT CLEARANCES



MINIMUM WALL OPENING DIMENSIONS



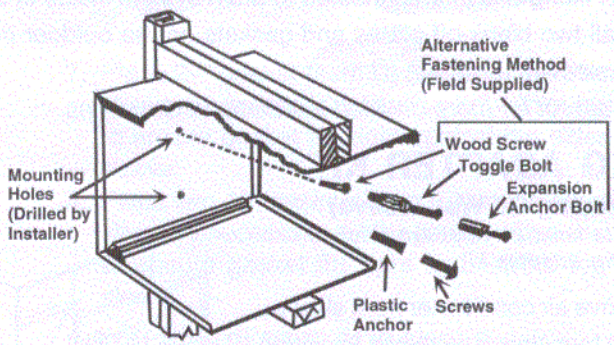
BLOCK & BRICK VENEER INSTALLATION



WALL SLEEVE INSTALLATION

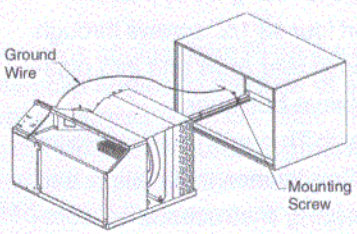
After the wall opening is checked and approved for strength, location, size, and clearances, complete the following to install the wall sleeve.

1. Remove the outside enclosure panel from the wall sleeve.
2. Slide the wall sleeve into the wall opening. Do not distort the cabinet shape to fit the wall opening; the unit chassis must fit snugly and uniformly into the wall sleeve.
3. Center sleeve in finished opening. Front of sleeve must project at least 1/4" beyond inside wall. Back of sleeve must extend at least 1/4" beyond outside wall.
4. Check the level of the wall sleeve. For proper drainage, the sleeve should be level from side to side and one-quarter bubble or lower front to back (outside).
5. Drill two holes in both sides of sleeve, so mounting screws can be secured to wall supports. See figure in MINMUM UNIT CLEARANCES and figure below for location of screw holes. *DO NOT DRILL THROUGH BOTTOM OF SLEEVE.*



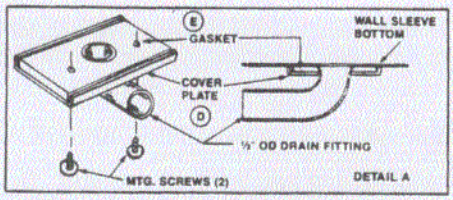
ATTACHING WALL SLEEVE TO OPENING

6. Check the level of the wall sleeve and adjust if necessary.
7. Caulk or seal around the outside of the entire sleeve.
8. If the unit chassis is not to be installed immediately, replace the enclosure panel on the outside opening of the sleeve to limit weather damage to the building interior.
9. Recycle or dispose of packaging materials according to local codes.



DRAIN KIT

For outdoor or indoor sleeve drainage



OUTDOOR: Can be installed for drainage to left or right.

1. Remove rear enclosure panel and sleeve stiffener.
2. Drain fitting can be installed on left or right hand side of sleeve. Insert 1/2" drain fitting in opening of gasket and hole of plate. Secure to the rear of sleeve with screws. Locate the other gasket on back of blank-off plate and secure assembly to the left rear of wall sleeve with sheet metal screws.

INDOOR: Installed on bottom of wall sleeve when required to drain into drain system inside building.

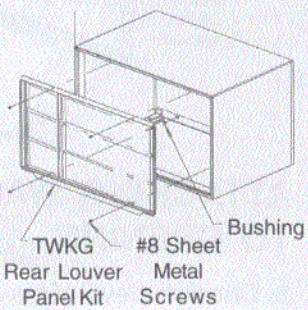
1. Mount drain fitting, plate and gasket on the bottom of wall sleeve before sleeve is installed.
2. Cut out template in lower right-hand corner to locate field drilled holes. A 1/2" ID tube or hose (not furnished) must be installed on drain fitting and interconnected to drain system inside of building.
3. Install two blank-off plates and gaskets on the outdoor portion of wall sleeve.

See Drain Kit for more detailed installation instructions

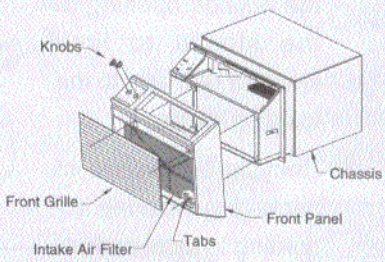
TWKG ADAPTER KIT

(fits existing GE Wall Sleeve)

Old grille must be removed prior to installing adapter kit.



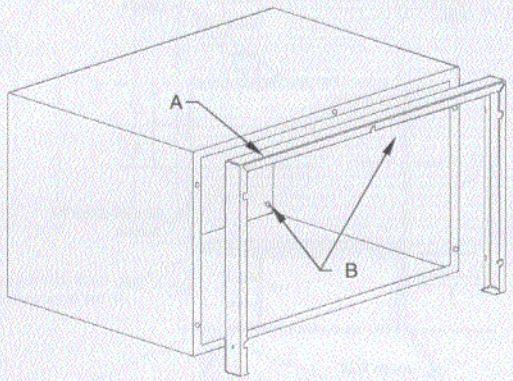
1. Remove air conditioner from sleeve.
2. Insert four sleeve bushings into center of slots in rear of sleeve (see figure above).
3. Prepare to install rear grille by positioning the grille in the proper direction. Louvers on grille change direction on one side. Be sure area where louver changes direction is on left when facing front sleeve opening.
4. Hold the rear grille in place.
5. Insert four #8 1/2" screws through holes in rear grille and into plastic sleeve bushings.
6. Refer to Through-The-Wall Room Air Conditioner Installation and Operating Instructions to complete the unit installation.

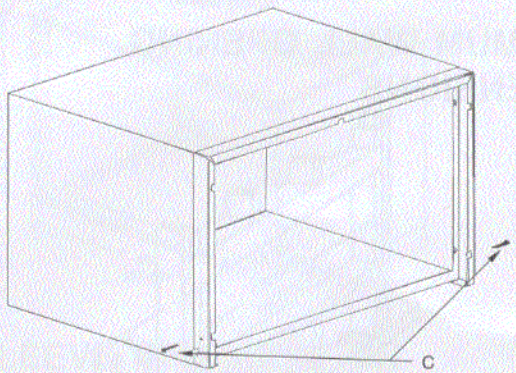


TWEAK ADAPTER KIT

(fits existing Emerson Wall Sleeve)

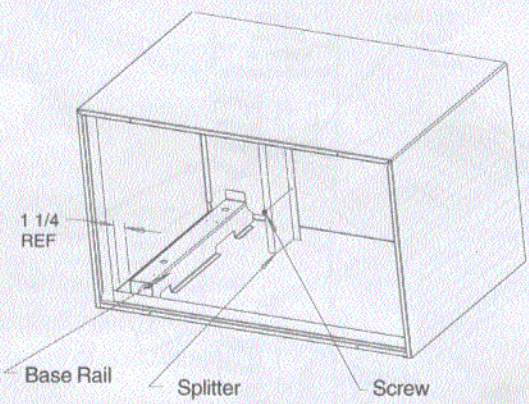
1. Remove air conditioner from unit.
2. Attach bracket adapter (item A) to existing Emerson Sleeve, using five #8x 3/8 screws (item B).





ATTACHING BRACKET ADAPTER

3. Secure air conditioner to sleeve and kit using (2) two #8 x 1-1/2" screws (item C). Screws should pass through and into the air conditioner.
4. Refer to Through-The-Wall Room Air Conditioner Installation and Operating Guide to complete installation.

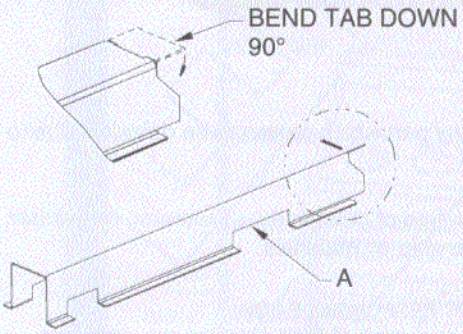


27" WALL SLEEVE UNIT INSTALLATION

TWFAK ADAPTER KIT

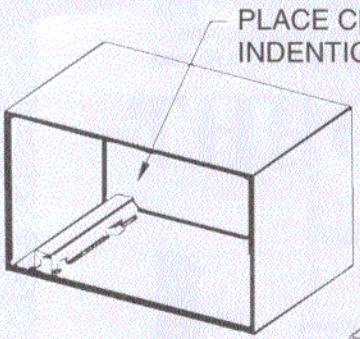
(fits existing Fedders "A" and "B" or Friedrich Wall Sleeve)

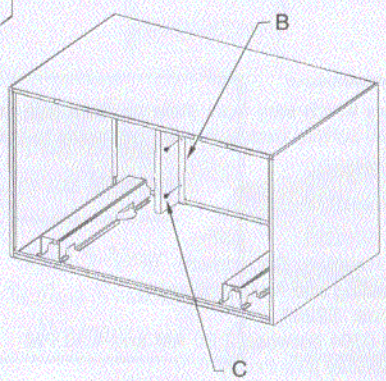
1. Remove existing unit if there is one in the sleeve.
2. Remove the rubber strip across front of sleeve.
   NOTE: Not all sleeves will have this rubber strip.



3. Remove the base channels from kit and bend tabs down at the horizontal split 90°.

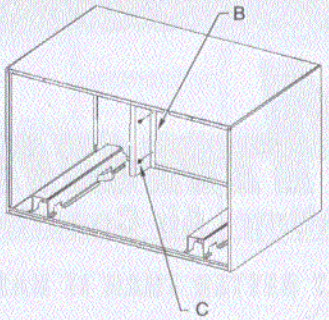
REMOVING ADHESIVE & PLACING CHANNELS





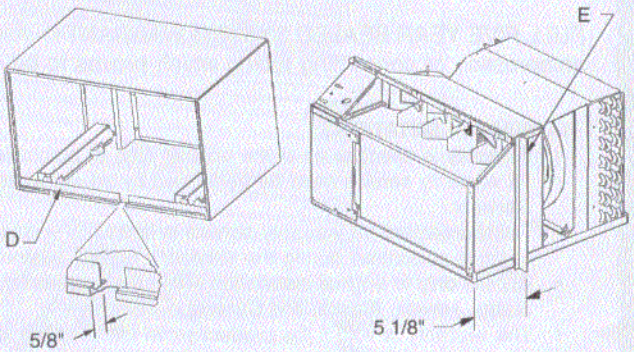
4. Remove the adhesive backing from the bottom of the rails and firmly place on the bottom of the sleeve. Be sure the raised indentations on the sleeve are covered.
5. Install splitter (item B) to the rear grille with two #8 x 3/8" self-drilling screws (item C).

INSTALLING SPLITTER



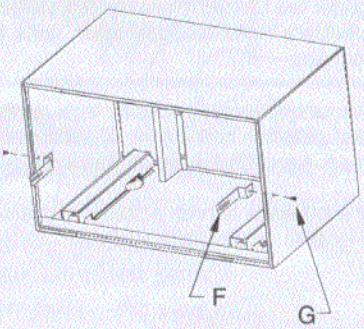
6. Install splitter (above, item B) to the rear grille with two #8 x 3/8 self-drilling screws (item C).

INSTALLING 15" & 27" GASKETS



7. Place 27" gasket (item D) 5/8" from the front of the sleeve. If necessary, cut the gasket with a sharp knife to ensure gasket fits tight against the sides of the sleeve.
8. Place two 15" gaskets (item E) on the sides of the sleeve. If necessary, cut the gasket with a sharp knife to ensure gasket fits tight against the top of the sleeve.

INSTALLING SLEEVE CLIP ANGLE



9. Place two sleeve clips angles (item F) on the inside of sleeve. Fasten clip angles to the side of sleeve using #8 x 3/8 blunt screws (item G). Slide the unit all the way into the sleeve. Be sure the ground wire is not pinched or in the path of the condenser fan. Attach the slotted end of the sleeve clip angle (item F) to the unit using #8 x 3/8" blunt screws (item G).