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PANASONIC CS-C9BKP Owner's Manual

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----- Manual continues below -----

Before using your air-conditioner, please read this operating instructions carefully and keep it for future reference.



OPERA



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Thank you for purchasing our Panasonic Room Air Conditioner.

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Note:

Before using your air conditioner, please read this operating instructions carefully and keep it for future reference.

FEATURES

- **Self-illuminating Button**
For your convenience to operate in the dark.
(Refer page 4)
- **Automatic Operation**
Sense indoor temperature to select the optimum mode.
(Refer page 5)
- **Sleep Mode**
Prevent the room from getting too hot or too cold while you are sleeping.
(Refer page 7)
- **Economy Mode**
To reduce electrical power consumption.
(Refer page 7)
- **Powerful Mode**
Reaches the desired room temperature quickly.
(Refer page 7)
- **Removable Front Panel**
For quick and easy cleaning. (washable)
(Refer page 8)
- **Catechin Air Purifying Filter**
Filter that can trap dust, tobacco smoke and tiny particles in the room. It can also prevent growth of bacteria and viruses trapped in this filter.
(Refer page 8)
- **Solar Refreshing Deodorizing Filter**
Used to remove unpleasant odour and deodorize the air in the room.
(Refer page 8)
- **Auto Restart Control**
Restart the unit automatically after power failure.
(Refer page 9)
- **Blue Coated Condenser At Outdoor Unit**
This is the most advanced anti-rust coating.

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SAFETY PRECAUTIONS

Before operating, please read the following "Safety Precautions" carefully.

- To prevent personal injury, injury to others and property damage, the following instructions must be followed.
- Incorrect operation due to failure to follow instructions will cause harm or damage, the seriousness of which is classified as follow:

Warning

This sign warns of death or serious injury.

Caution

This sign warns of damage to property.

- The instructions to be followed are classified by the following symbols:



This symbol (with a white background) denotes an action that is PROHIBITED.





These symbols (with a black background) denote actions that are COMPULSORY.

■ Installation Precautions

Warning

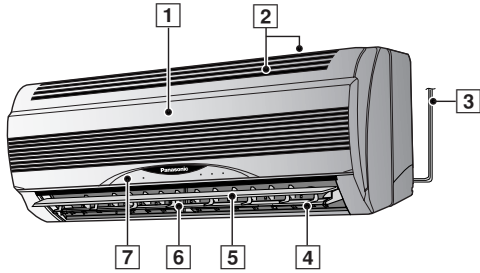
- **Do not install, remove and reinstall the unit by yourself.**
Improper installation will cause leakage, electric shock or fire. Please engage an authorized dealer or specialist for the installation work.

Caution

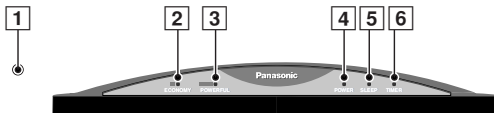
-  ● **This room air conditioner must be earthed.**
Improper grounding could cause electric shock.
- **Ensure that the drainage piping is connected properly.**
Otherwise, water will leak out.
-  ● **Do not install the unit in a potentially explosive atmosphere.**
Gas leak near the unit could cause fire.

NAME OF EACH PART

■ Indoor Unit

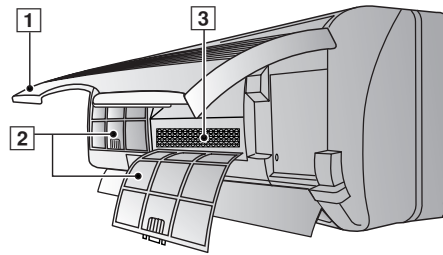


- 1 Front Panel
- 2 Air Intake Vent
- 3 Power Supply Cord
- 4 Air Outlet Vent
- 5 Vertical Airflow Direction Louver
- 6 Horizontal Airflow Direction Louver (manually adjusted)
- 7 Indicator Panel



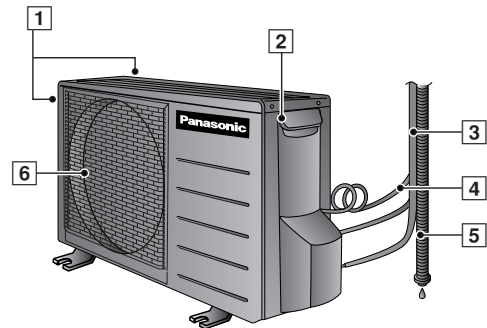
- 1 Auto Operation Button (when the front panel is opened)
- 2 Economy Mode Indicator – GREEN
- 3 Powerful Mode Indicator – ORANGE
- 4 Power Indicator – GREEN
- 5 Sleep Mode Indicator – ORANGE
- 6 Timer Mode Indicator – ORANGE

● Indoor Unit (when the front panel is opened)



- 1 Front Panel
- 2 Air Filters
- 3 Air Purifying Filter

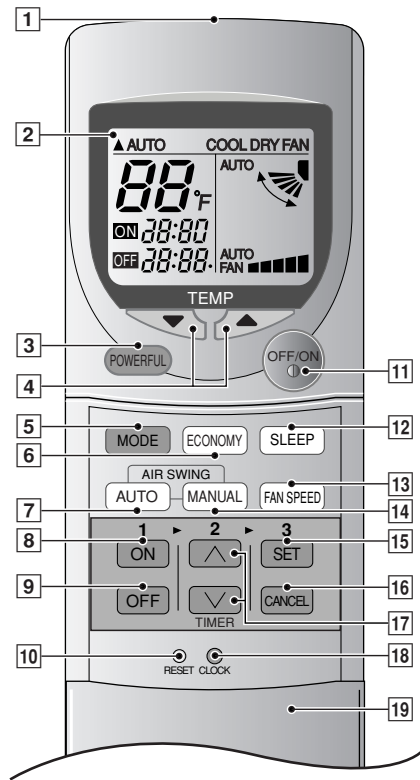
■ Outdoor Unit



- 1 Air Intake Vents
- 2 Ground Terminal (Inside cover)
- 3 Piping
- 4 Connecting Cable
- 5 Drain Hose
- 6 Air Outlet Vents

NAME OF EACH PART

■ Remote Control



● Remote Control Signal.

- Make sure it is not obstructed.
- Maximum distance : 10 m (32.8 ft.).
- Signal received sound.
One short beep or one long beep.

● Notes for Remote Control.

- Do not throw or drop.
- Do not get it wet.
- Certain type of fluorescent lamps may affect signal reception. Consult your dealer.

- 1 Signal Transmitter
- 2 Operation Display
- 3 Powerful Mode Operation Button
- 4 Room Temperature Setting Button (self-illuminating button)
- 5 Operation Mode Selection Button
- 6 Economy Mode Operation Button
- 7 Auto Airflow Direction Button
- 8 ON-Timer Button
- 9 OFF-Timer Button
- 10 Reset Point
(Press with fine-tipped object to clear the memory)
- 11 OFF/ON Button
(self-illuminating button)
- 12 Sleep Mode Operation Button
- 13 Fan Speed Selection Button
- 14 Manual Airflow Direction Selection Button
- 15 Timer Set Button
- 16 Timer Cancellation Button
- 17 Time-Setting Button
- 18 Clock Button
- 19 Remote Control Cover

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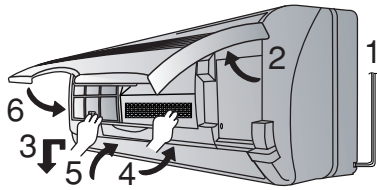
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PREPARATION BEFORE OPERATION

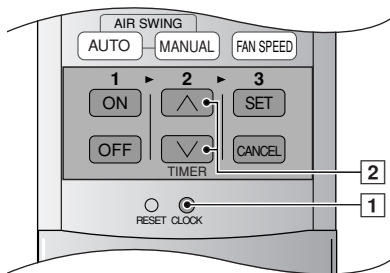
■ Indoor Unit



- 1 Connect the power supply cord to an independent power supply
- 2 Open the front panel
- 3 Remove the air filters
- 4 Fit the air purifying filters in place
- 5 Insert the air filters
- 6 Close the front panel

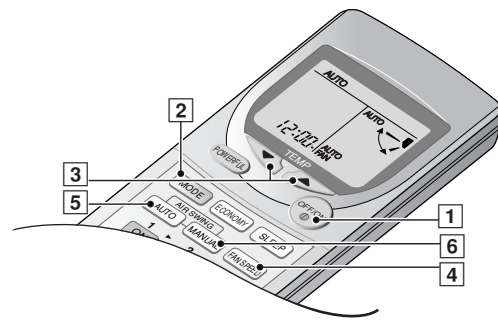
■ Remote Control

– To set the current time



- 1 Press [1].
- 2 Then press [2] to increase or decrease the time.
- 3 Press [1] again.
Set time at display will light up.

HOW TO OPERATE



■ To start the operation

- Press [1].
- POWER indicator (green) on the indoor unit will light up.
- To stop, press once more.




■ Setting Mode

- Press [2] to select:-

AUTO	–	Automatic Operation
COOL	–	Cooling Operation
DRY	–	Soft Dry Operation
FAN	–	Air Circulation Operation

■ Setting the Fan Speed

- Press **[4]** to select:-

- FAN  - Low Fan Speed
- FAN  - Medium Fan Speed
- FAN  - High Fan Speed
- AUTO
- FAN - Automatic Fan Speed

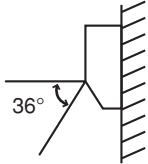
The speed of the indoor fan is adjusted automatically according to the operation. The indoor fan stops occasionally during cooling operation.

■ Setting the Vertical Airflow Direction

- Press **[5]** or **[6]** to select:-

COOL / DRY Operation

AUTO



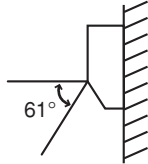
Swing up/down
Automatically

MANUAL

Five stages of adjustment
can be made between
14° ~ 36°.

FAN Operation

AUTO

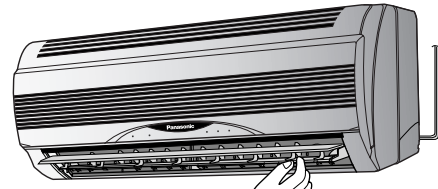


Swing up/down
Automatically

MANUAL

Five stages of adjustment
can be made between
0° ~ 61°.

■ Setting the Horizontal Airflow Direction



- Adjust it manually

● Notes

- If the unit is not going to be used for an extended period of time, turn off the main power supply. If it is left at the ON position, approximately 2.5 W of electricity will be used even if the indoor unit has been turned off with the remote control.
- If operation is stopped, then restart immediately, the unit will resume operation only after 3 minutes.

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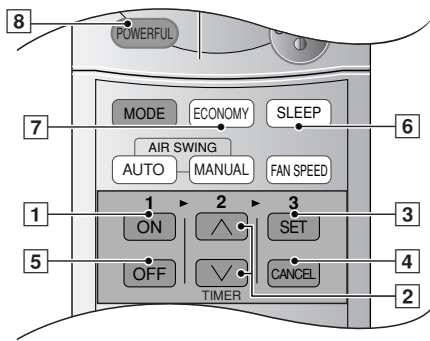
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SETTING THE TIMER

Ensure that the current time is correct before setting the timer. The timer cannot be set if the time display is flashing.

■ ON-TIMER Operation

To start the air conditioner operation automatically.

- Press [1] to set the operation.
- Press [2] to increase or decrease the time.
- Then press [3].
- To cancel this operation, press [4].

■ OFF-TIMER Operation

To stop the air conditioner operation automatically.

- Press [5] to set the operation.
- Press [2] to increase or decrease the time.
- Then press [3].
- To cancel this operation, press [4].

● Timer Mode Operation Details

- When the ON-Timer is set, operation will start before the actual set time. This is to enable the room temperature reaches the set temperature at the set time.

COOL, DRY, AUTO	15 minutes in advance
--------------------	--------------------------

- Once the ON-Timer is set, operation will start at the set time everyday.
- The current time is not displayed when the timers are set.
- When both timers are used together, the TIMER mode indicator on the indoor unit remains lit even when the operation is stopped by the OFF-TIMER.

CONVENIENCE OPERATION

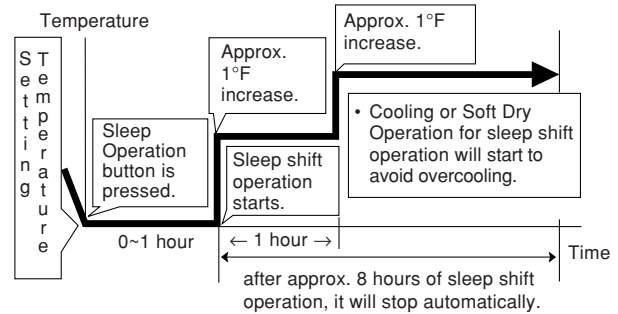
■ Sleep Mode Operation

To obtain a comfortable room temperature while sleeping:-

- Press [6].
- Sleep mode indicator on the indoor unit will light up.
- To cancel this operation, press once more.

● Sleep Mode Operation Details

- When the room temperature reaches the set temperature, the airflow volume will change to low automatically.
- Sleep Mode Operation time is 8 hours.
- When used together with the timer, the timer has a priority.



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CARE AND MAINTENANCE

■ Cleaning the Indoor Unit and Remote Control

- Wipe gently with a soft, dry cloth.
- Do not use water hotter than 104°F or polishing fluid to clean the unit.

■ Cleaning the Air Filter

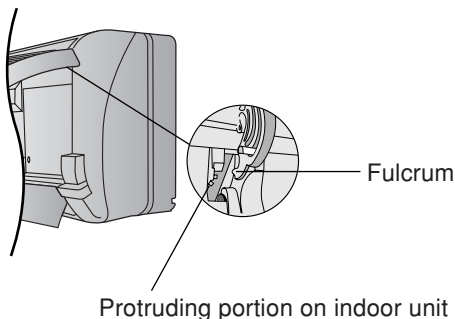
(Recommendation:- If the unit is operated in a dusty environment, clean the filters every two weeks, continuous use of this dirty filters will reduce cooling efficiency)

- 1 Remove dirt using a vacuum cleaner.
- 2 Wash back of the air filter with water.
- 3 If badly soiled, wash it with soap or a mild household detergent.
- 4 Let it dry and reinstall it.
Be sure the "FRONT" mark is facing you.
 - ✗ Damaged air filter.
Consult the nearest authorized dealer.
Part No.: CWD001047.
 - Do not use benzene, thinner, scouring powder or clothes soaked in caustic chemical to clean the unit.

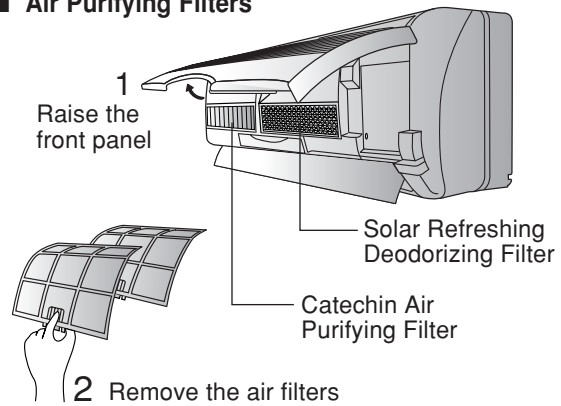
■ Cleaning the Front Panel

(Must be removed before washing)

- 1 Raise the front panel higher than the horizontal and pull to remove it.
- 2 Gently wash with water and a sponge.
 - Do not press the front panel too hard when washing.
 - When use kitchen cleaning fluid (neutral detergent), rinse thoroughly.
 - Do not dry the front panel under direct sunlight.
- 3 To fix the front panel, raise the front panel horizontally, match the protruding portion on the indoor unit to the fulcrum and push into place.



■ Air Purifying Filters



● Solar Refreshing Deodorizing Filter

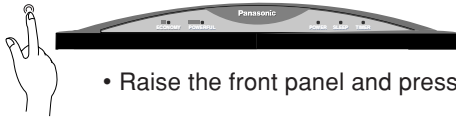
- Used to remove unpleasant odour and deodorize the air in the room.
- Reusable.
- Vacuum, place under direct sunlight for 6 hours and fit it back in place.
(Recommended: every 6 months)

● Catechin Air Purifying Filter

- The filter is coated with catechin to prevent growth of bacteria and viruses.
- Reusable.
- Vacuum and fit it back in place
(Recommended: every 6 months)
- Recommended to change these filters every 3 years. Do not reuse damaged filters.
Consult the nearest authorized dealer to purchase a new filter.
Catechin Air Purifying Filter No.: CZ-SF70P
Solar Refreshing Deodorizing Filter No.: CZ-SFD70P
- If you operate the air conditioner with dirty filters:-
 - Air is not purified
 - Cooling capacity decreases
 - Foul odour is emitted

HELPFUL INFORMATION

■ Auto Operation Button



- Raise the front panel and press.

● Automatic Operation

- If the remote control fails to function or has been misplaced, press the Auto Operation button to start the Automatic operation.
- The Automatic operation will be activated immediately once the Auto operation button is pressed. However, temperature cannot be adjusted in this operation.
- The power indicator on the indoor unit will blink until the operation mode is selected automatically.
- To cancel this operation, press once more.

● Remote Control Signal Receiving Sound

- To switch off the beep (Signal Receiving Sound), press the Auto Operation button for 10 seconds continuously or longer.
“Beep”, “beep” sound will be heard at the tenth seconds.
Note: “Beep” sound will be heard at the fifth seconds;
However please press continuously until you heard “beep”, “beep” sound.
- Repeat the above steps if you want to switch on the Signal Receiving Sound.

● (This is for Servicing purposes only.)

- Note: If you press this button continuously for 5 to 10 seconds, Test Run operation will be performed. A “beep” sound will be heard at the fifth seconds indicating the Test Run starts to operate.

■ Auto Restart Control

- If power is resumed after a power failure, the operation will restart automatically after 3 - 5 1/2 minutes.
- Operation will be restarted automatically under the previous operation mode and airflow direction when power is resumed as the operation is not stopped by the remote control.

■ Timer Setting

- When power failure occurs, the timer setting will be cancelled. Once power is resumed, reset the timer.

■ Thunder and Lightning

- This air conditioner is equipped with a built-in surge protective device. However, in order to further protect your air conditioner from being damaged by abnormally strong lightning activity, you may switch off the main power supply and unplug from power socket.

ENERGY HINTS

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TROUBLESHOOTING

■ Normal Operation

Is it okay?

- Air conditioner has been restarted, but does not operate for 3 minutes.
- A sound like water flowing can be heard.
- It seems that fog is coming out from the air conditioner.
- The room has a peculiar odour.
- During Automatic Vertical Airflow setting, indoor fan stops occasionally.
- The outdoor unit emits water or steam.



This is the answer

- This is to protect the air conditioner. Wait until the air conditioner begins to operate.
- This is the sound of refrigerant flowing inside the air conditioner.
- Condensation occurs when the airflow from the air conditioner cools the room.
- This may be a damp smell emitted by the wall, carpet, furniture or clothing in the room.
- This is to remove smell emitted by the surroundings.
- In COOL/DRY operation, moisture in the air condenses into water on the cool surface of outdoor unit piping that causes dripping.

■ Abnormal Operation

Check the following points before calling for repairs or service.
If the malfunction persists, please contact your nearest servicer.
For assistance, please call: 1-800-211-PANA (7262) or send e-mail to: consumerproducts@panasonic.com

Is it okay?

- **The air conditioner does not operate.**
- **Air conditioner produces loud noise during operation.**
- **The air conditioner does not cool effectively.**



Please check

- Has the circuit breaker been tripped?
- Has the power plug been removed from the wall outlet?
- Is the timer being used correctly?
- Is the installation work slanted?
- Is the front grille closed properly?
- Has the temperature been set incorrectly?
- Are the filters dirty?
- Are the intake or outlet vents of the outdoor unit obstructed?
- Are all windows and doors closed?

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PRODUCT SPECIFICATIONS

Model				CS-C9BKP CU-C9BKP6	CS-C12BKP CU-C12BKP6
COOLING CAPACITY		Btu/h		8,600 – 8,760	11,900 – 12,000
ELECTRICAL RATING	Phase			1	←
	Frequency	(Hz)		60	←
	Voltage	(V)		208 – 230	←
	Current	(Amps)		3.9 – 3.7	5.7 – 5.2
	Input	(Watts)		760 – 780	1,160 – 1,180
EER		(Btu/Watt.h)		11.3 – 11.2	10.3 – 10.2
MOISTURE REMOVAL		(Pints/h)		0.4	0.7
ROOM AIR CIRCULATION		(Cf/min)		314 – 314	325 – 325
DIMENSIONS	Indoor	Height	cm(inches)	27.5 (10 – 13/16)	←
		Width	cm(inches)	79.9 (31 – 15/32)	←
		Depth	cm(inches)	21.0 (8 – 9/32)	←
	Outdoor	Height	cm(inches)	54.0 (21 – 1/4)	←
		Width	cm(inches)	78.0 (30 – 23/32)	←
		Depth	cm(inches)	28.9 (11 – 3/8)	←
NET WEIGHT	Indoor		kg(lb)	9 (20)	←
	Outdoor		kg(lb)	28 (62)	33 (73)
GROSS WEIGHT	Indoor		kg(lb)	11 (24)	←
	Outdoor		kg(lb)	32 (71)	37 (82)

- Specifications are subject to change without notice for further improvement.

**Panasonic Consumer Electronics Company,
Division of Matsushita Electric Corporation
of America**
One Panasonic Way
Secaucus, New Jersey 07094

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Panasonic Room Air Conditioner Limited Warranty

Panasonic Consumer Electronics Company or Panasonic Sales Company (collectively referred to as "the Warrantor") will repair this product for defects in material or workmanship, free of charge, in the USA or Puerto Rico in accordance to the following (All time periods start from the date of purchase).

SEALED REFRIGERATING SYSTEM (compressor and interconnecting tube): FIVE (5) YEARS - PARTS AND LABOR

ALL OTHER COMPONENTS: ONE (1) YEAR - PARTS AND LABOR

In-home service in the USA can be obtained during the warranty period by contacting a Panasonic Service Company (PASC) Factory Service Center. Call toll free, 1-800-211-PANA(7262), to locate a PASC authorized Servicenter. In-home service in Puerto Rico can be obtained during the warranty period by contacting the PASC Factory Service Center. Company telephone number listed in the Servicenter Directory.

Note: If the unit is installed at the other than normal window height and/or has been custom-installed (e.g. through the wall), the unit from its installation prior to the performance of in-home service.

This warranty is extended only to the original purchaser. A purchase receipt or other proof of date of the original purchase is required for this warranty.

This warranty only covers failures due to defects in materials and workmanship and does not cover normal wear or cosmetic damage. This warranty does not cover failures due to damage in shipment, or failures which are caused by products not supplied by the warrantor, or failures which result from accident, misuse, abuse, improper installation, maladjustment of customer controls, improper maintenance, alteration, modification, power line surge, lightning damage, installation in a hotel, office, restaurant, or other business or rental use of the product, or service by anyone other than a PASC Factory Servicenter or a PASC authorized Servicenter, or failures attributable to acts of God.

LIMITS AND EXCLUSIONS

There are no express warranties except as listed above.

THE WARRANTOR SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT OR BREACH OF THIS WARRANTY. ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR USE, ARE HEREBY DISCLAIMED. WARRANTY PERIOD SET FORTH ABOVE.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty may not apply to you.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state. If a problem with this product occurs, you may contact your dealer or Servicenter. If the problem is not handled to your satisfaction, then write to the Consumer Affairs Department, Panasonic Consumer Electronics Company, Secaucus, NJ 07094.

SERVICE CALLS WHICH DO NOT INVOLVE DEFECTIVE MATERIALS OR WORKMANSHIP AS DETERMINED BY THE WARRANTOR ARE NOT COVERED. COSTS OF SUCH SERVICE CALLS ARE THE RESPONSIBILITY OF THE PURCHASER.

[For assistance, please call: 1-800-211-PANA (7262) or send e-mail to consumerproducts@panasonic.com]

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