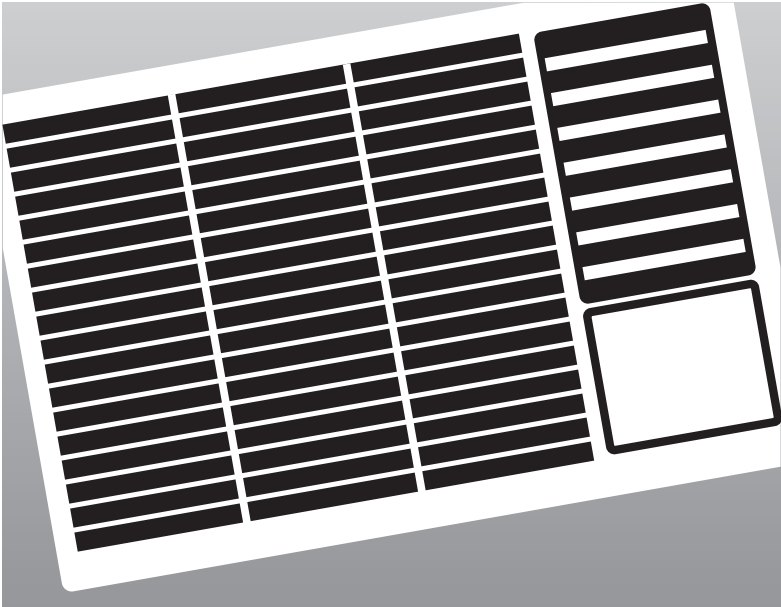




USER'S MANUAL

AW07P2 Series
AW09P2 Series
AW12P2 Series

Window-type Room Air Conditioner (Cooling)



Safety Precautions

The following safety precautions must be taken when using your air conditioner.



WARNING

Risk of electric shock. • Can cause injury or death. • Disconnect all remote electric power supplies before servicing, installing or cleaning. • This must be done by the manufacturer or its service agent or a similar qualified person in order to avoid a hazard.

DURING OPERATION

- ◆ Users of this product are cautioned not to attempt repair of this product at their own discretion. Instead, they are requested to directly contact a designated service center or the outlet at which the product was purchased.
- ◆ Never spill any kind of liquid into the unit. Should this happen, unplug or main switch off the unit and contact an authorized service center.
- ◆ Do not insert anything between the air outlet blades because the inner fan may be damaged and could cause injury. Keep children away from the unit.
- ◆ Do not place any obstacles in front of the unit.
- ◆ Do not spray liquid of any kind into the indoor unit. Should this happen, switch off the breaker used for your air conditioner and contact your installation specialist.
- ◆ Make sure that the unit is correctly ventilated at all times:
Do not place clothing or other materials over it.
- ◆ If the wireless remote control will not be used for a long time, remove the batteries. (If applicable)
- ◆ When using a wireless remote control, the distance should not be more than 7 meters from the air conditioner. (If applicable)
- ◆ The air conditioner must be plugged into its own specific power source, which must be installed in compliance with national wiring, earthing and safety regulations.
- ◆ If the power cord is damaged in any way, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.
- ◆ This device must be installed according to the national electrical rules.
- ◆ The appliance must be installed that the plug should be easily accessible after installation.
- ◆ If the fuse on PC board is broken please change it with the type of T 3.15A 250V.
- ◆ The breaker of the air conditioner should be all-pole switch; and the distance between its two contacts should be no less than 3.5mm. Such means for disconnection must be incorporation in the fixed wiring.

DISPOSING OF THE UNIT

- ◆ Before throwing out the device, it is necessary to pull back the battery cells and get rid of them safely for recycling reasons.
- ◆ When you need to dispose of the unit, consult your dealer. If pipes are removed incorrectly, refrigerant may blow out and come into contact with your skin, causing injury. Releasing refrigerant into the atmosphere also damages the environments.
- ◆ Please recycle or dispose of the packaging material for this product in an environmentally responsible manner.

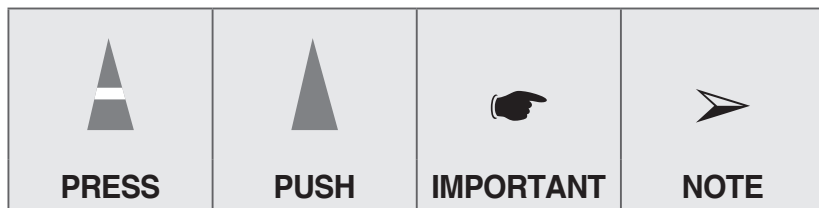
OTHERS

- ◆ Never store or ship the air conditioner upside down or sideways to avoid damage to the compressor.
- ◆ The appliance is not intended for use by young children or infirm persons without supervision: Young children should be supervised to ensure that they do not play with the appliance.
- ◆ Max current is measured according to IEC standard for safety and current is measured according to ISO standard for energy efficiency.

Contents

◆ PREPARING YOUR AIR CONDITIONER	
■ Safety Precautions	2
■ Air Conditioning Unit-Main Parts and Control Panel	4
◆ OPERATION YOUR AIR CONDITIONER	
■ Cooling Your Room	5
■ Airing Your Room	6
■ Switching the Air Conditioner Off	6
■ Setting the Off Timer	7
■ Adjusting the Air Flow Direction Horizontally	7
■ Adjusting the Air Flow Direction Vertically	8
◆ RECOMMENDATIONS FOR USE	
■ Temperature and Humidity Ranges	8
■ Cleaning Your Air Conditioner	9
■ Solving Common Problems	10
◆ INSTALLATION	11

The illustrations in the step-by-step procedures use four different symbols:



CAUTION

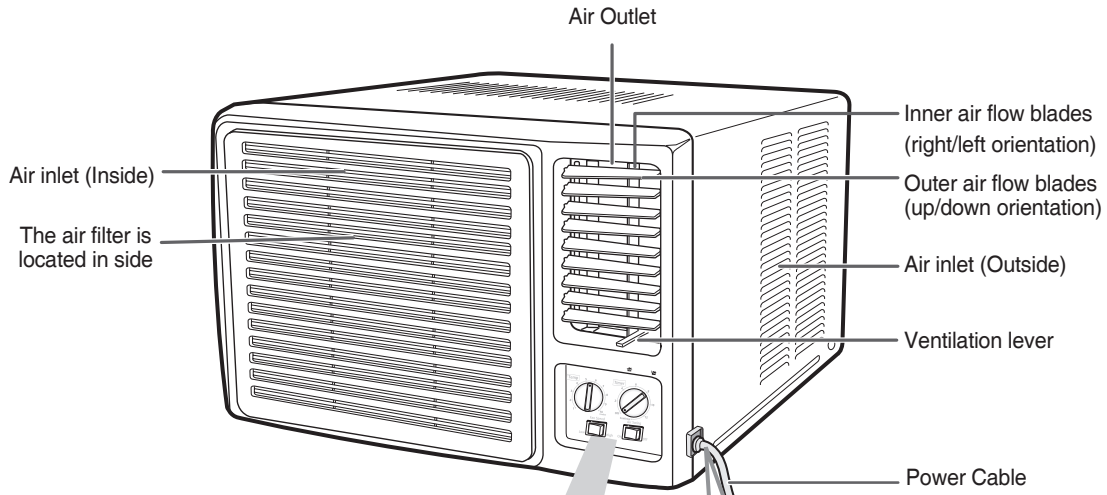
“The high inrush current of the starting compressor motor can have adverse effects to the operation of other equipment under unfavorable mains conditions. This equipment does not comply with the relevant technical standards for the limitation of voltage fluctuations and flicker.”

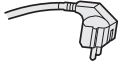
Before connection this equipment to the power supply system, please report to your supply authority and obtain the consent.

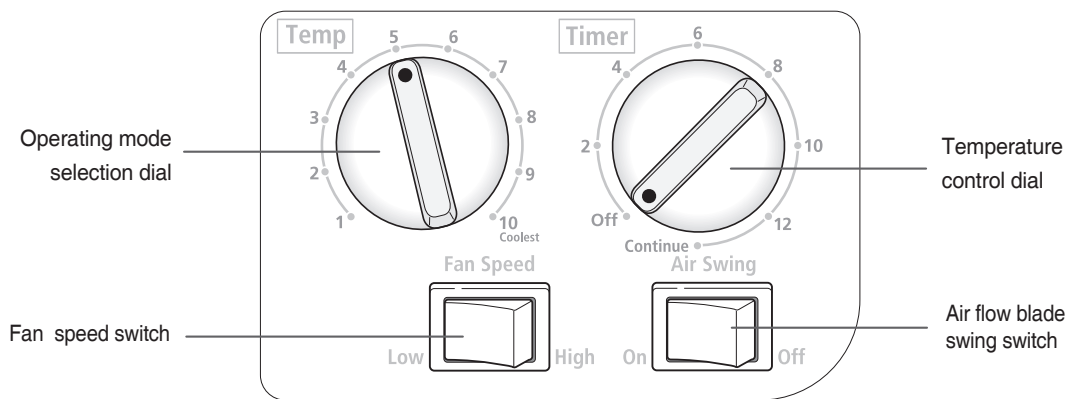
Do not connect other electric appliances to the same supply lines.

Air Conditioning Unit - Main Parts and Control Panel

The design and shape are subject to change according to the model.



Power plug  The type of the power plug may differ according to the type of local power supply.



Cooling Your Room

You must select the Cool mode if you wish to lower the temperature in your room. You can also set the fan speed.

- 1 To switch the unit on, simply turn the Timer dial to "Continue" position.

Result: The air conditioner starts operating.

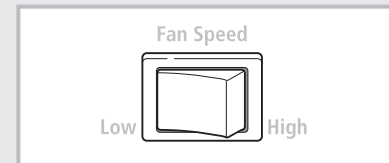
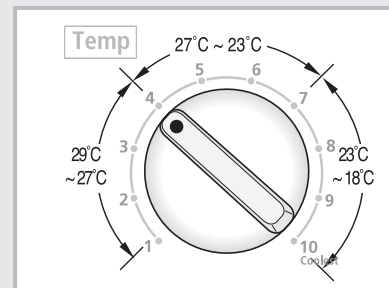
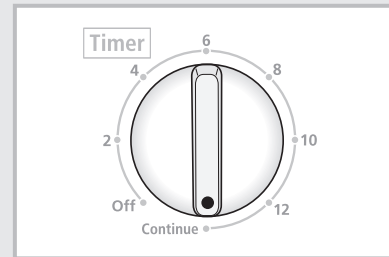
- 2 To adjust the temperature, turn the temperature control dial to the desired position.

Possible temperatures: Between 18 °C and 29 °C inclusive.

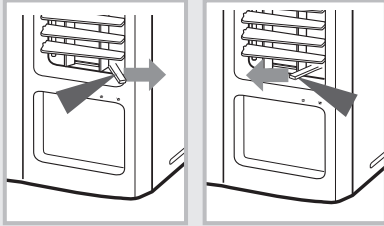
Result: ♦ The air conditioner starts cooling if the room temperature is higher than the selected temperature.

- 3 Press the "Fan Speed" mode selector to the High or Low position.


Result: The Fan speed is adjusted.




Airing Your Room



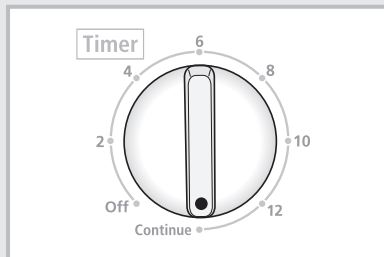
If the atmosphere in your room is stale, you can air it using the Fan feature and if necessary, evacuate the stale air outside.

- 1 If you wish to evacuate stale air outside, push the ventilation lever on the front of the unit to the right and the open position ().

Result: The air inside the room circulates and stale air is evacuated outside.

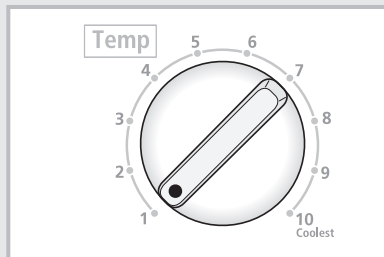
Otherwise, push the ventilation lever to the left and the closed position ().

Result: The air simply circulates inside the room.



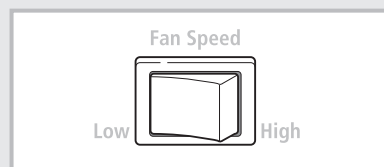
- 2 To switch the unit on, simply turn the Timer dial to "Continue" position.

Result: The air conditioner starts operating.



- 3 To airing your room only, turn the temperature control dial to "1" position.

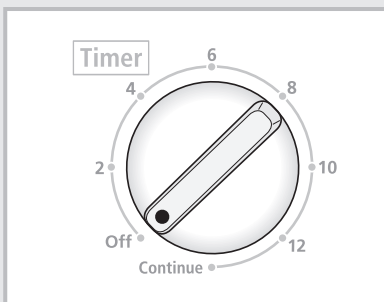
Result: The air conditioner runs in fan mode.



- 4 Press the "Fan Speed" mode selector to the High or Low position.

Result: The Fan speed is adjusted.

Switching the Air Conditioner Off



You can switch the air conditioner off whenever you want.

- 1 To switch the unit off, simply turn the Timer dial to the "off " position.

Result: The air conditioner stops operating.

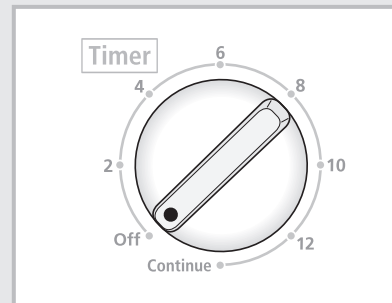
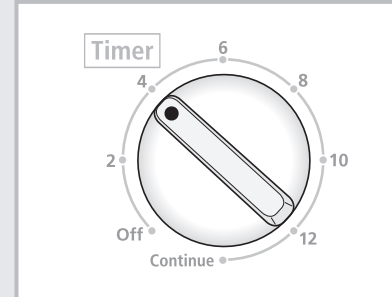
Setting the Off Timer

The Off Timer enables you to switch off the air conditioner automatically after a given period of time. You can set the period of time from 0 hour to 12 hours.

You can set the Off Time at any time.

- 1 To set the off time, simply turn the Timer dial to the time you want.
 - > Possible time is lower 12 hours inclusive.
 - > To cancel the Off Timer function, That is to say, make the unit run incessantly, you can turn the timer dial to "Continue" position.

Result: The air conditioner switches off automatically when the operating time reaches zero

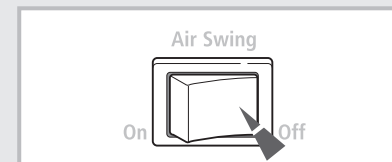
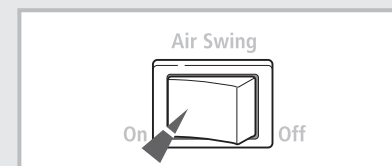


Adjusting the Air Flow Direction Horizontally

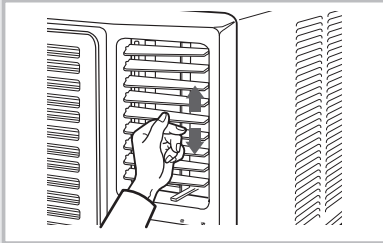
Depending on the position of the unit in your room, you can adjust the orientation of the inner air flow blades on the right-hand side of the unit, thus increasing the efficiency of the air conditioner.

- 1 Set the air flow blade swing switch to the on position.

Result: The inner blades swing automatically left and right.
- 2 To stop the blades moving left and right, set the air flow blade swing switch to the off position.
 - > To stop the blades in a specific position and orient the air flow in the corresponding direction, simply set the switch to the off position when the blades are in the desired position.



Adjusting the Air Flow Direction Vertically



Again depending on the position of the unit in your room, you can adjust the orientation of the outer air flow blades on the right-hand side of the unit.

RECOMMENDATION	When...	Adjust the blades to face...
	Cooling	Upwards.

Adjust the air flow blades to the desired position, by pushing them upwards or downwards.

- If you orient the air flow blades downwards and the unit operates in Cool mode for long periods of time, dew may:
 - ◆ From on the surface of the blades
 - ◆ Drip from the blades

Temperature and Humidity Ranges

The following table indicates the temperature and humidity ranges within which the air conditioner can be used in the best condition .

Mode	IndoorTemperature	OutdoorTemperature	Indoor Humidity
Cooling	21°C to 32°C approx.	21°C to 43°C approx.	80% or less

If the air conditioner is used at...	Then...
Higher temperatures	The automatic protection feature may be triggered and the air conditioner stopped.
Lower temperatures	A water leakage or some other malfunction may happen if the heat exchanger freezes.
Higher humidity levels	Water may condense on and drip from the surface of the unit if it is used for long periods.

Cleaning Your Air Conditioner

Be sure to clean the air filter periodically to maintain the air conditioner in the best condition for a long period of time.

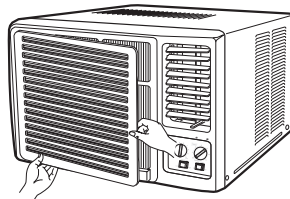
IMPORTANT When cleaning the air conditioner, turn it off and pull out the power plug.

- 1 Hold the front grille handle, slightly pull it to the left side and open the front grille.
 - The removal of the front grille makes it easier to clean the air conditioner. Open the grille as much as possible.

CAUTION

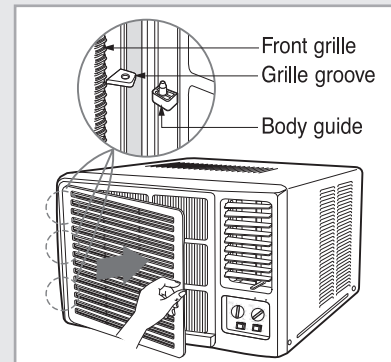
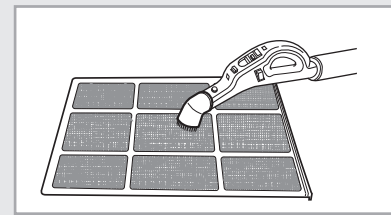
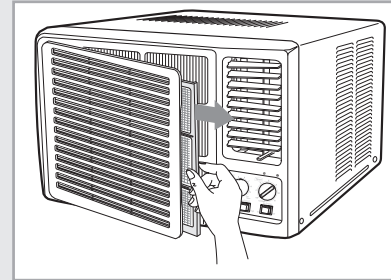
Removal and Reassembly of the Front Grille

- 1 Grasp the lower part of the front grille and the front grille handle, then open the grille. (The open angle of front grille has not to be exceeded 25 degree)
- 2 Lift the front grille slightly and remove it from the front panel.
- 3 Reassembling of front grille should be done in reverse order of disassembly.



- 2 Pull the air filter to the right side.
- 3 Remove all dust on the air filter with a vacuum cleaner or brush.
- 4 When you have finished, insert the air filter back into its original position.
- 5 Wipe the surface of the unit with a neutral detergent and then wipe it again with dry cloth. (Be sure not to use benzene, solvent or other chemical products.)

If you...	Then...
Will not be using the air conditioner for a long period of time	<ul style="list-style-type: none"> ◆ Set the operating mode selection dial to "LOW FAN" and let it run of a few hours to dry the inside of the air conditioner thoroughly. ◆ Switch the air conditioner off and unplug it from the wall socket. ◆ Clean the filter and outer surfaces.
Have not used the air conditioner for a long period of time	Set the operating mode selection dial to "LOW FAN" and let it run of a few hours to dry the inside of the air conditioner thoroughly.



The air conditioner has two or three grille grooves depending on the model.

Solving Common Problems

Before contacting the after-sales service, perform the following simple checks. They may save you the time and expense of an unnecessary service call.

Problem	Explanation/Solution
The air conditioner does not operate at all	<ul style="list-style-type: none">◆ Check that the circuit breaker used for the air conditioner has not been triggered.◆ Check that the power cable is plugged into a wall socket and the socket is switched on, if necessary.◆ Check that the correct operating mode has been selected (cooling or airing).
The air conditioner does not cool	<ul style="list-style-type: none">◆ Check that the correct operating mode has been selected .◆ The room temperature may be too low.◆ Dust may be blocking the air filter; refer to page 8 cleaning instructions.◆ Check that there is no obstacle blocking the air flow into or out of the unit.
The air flow direction does not change when you set the air flow blade swing switch to the on position	<ul style="list-style-type: none">◆ Check that the air conditioner has been switched on; if necessary, turn the operating mode selection dial; refer to page 7.
Odours are permeated in the room during air conditioning	<ul style="list-style-type: none">◆ Air the room.

Installation

Before installation, be sure to check the installation area or the air conditioner, and drain hose.

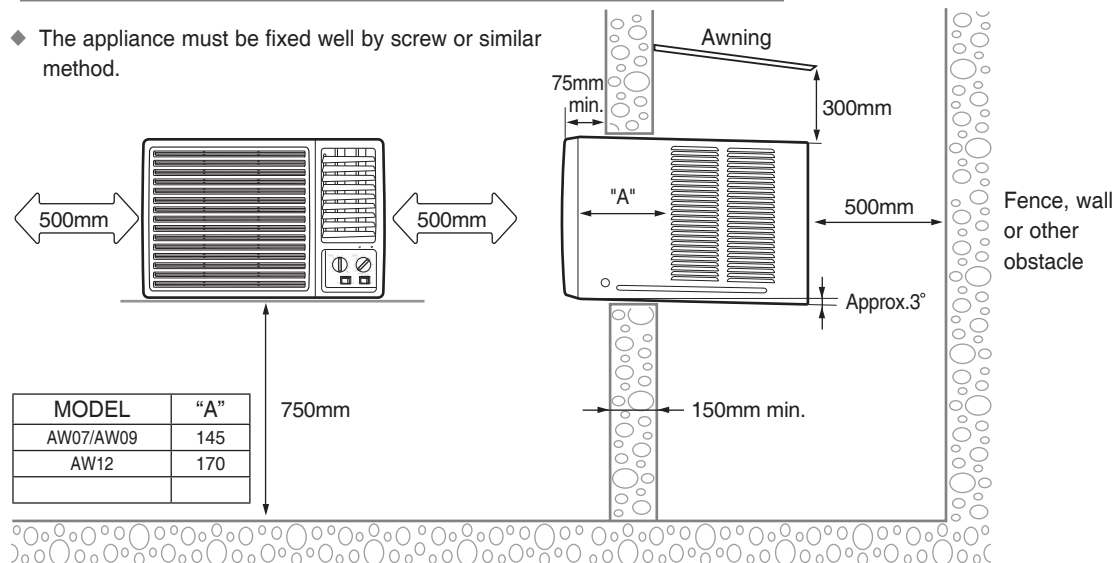
Checkpoints prior to installation

- 1 Check the cabinet and front grille of the unit for any harmful defects such as scratches.
- 2 Be sure to check the power supply.
- Refer to the specifications on the label attached to the unit.

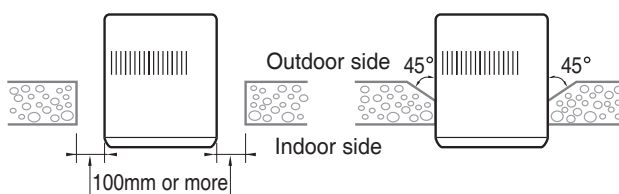
Installation Conditions

- 1 As the unit is heavy, the wall or window of the installation area should have sufficient strength and durability for operation of the air conditioner, and for prevention of any vibration or noise.
If it is weak, reinforcement work should be performed separately.
- 2 It is advisable to install the air conditioner in the north or west side to prevent the effect of direct sunlight.
When installing it in the south or east side due to unavoidable circumstances, it is advisable to install the sunshade to prevent the direct sunlight.
In this case, take care not to cause any hindrance to the flow of outside air.
- 3 When installing the air conditioner, be sure to obtain sufficient space on the rear side of the unit for smooth flow of air.
When operating the air conditioner in closed areas such as inner building with cooling operation, and result in trouble with the unit.
See the illustration below.

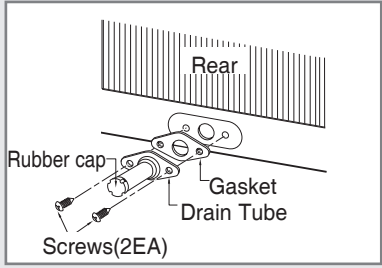
- ◆ The appliance must be fixed well by screw or similar method.



- ◆ If the wall is greater than 150mm thick, cut the wall back on a 45° angle if possible.



Installation(Cont.)



Installation of the Drain Tube

Fix the drain tube as shown in the figure.

Memo

Handwriting practice area consisting of 12 rows. Each row starts with a solid top line, followed by a dashed midline, and a solid bottom line.



ELECTRONICS

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BRAZIL	4004 0000	www.samsung.com/br
CHILE	800-726-7864(SAMSUNG)	www.samsung.com/cl
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EL SALVADOR	800-6225	www.samsung.com/latin
GUATEMALA	1-800-299-0013	www.samsung.com/latin
JAMAICA	1-800-234-7267	www.samsung.com/latin
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