Takara Belmont Far–Infrared Hair Processor





Thank you for purchasing Takara Belmont product. Please read through this manual carefully before installing or using. These instructions provide important information for correct usage of the product to avoid personal injuries or property damages against you or your clients.

This product is intended for the exclusive use in hairdressing salons for their salon services, and must be operated or handled by the hairdressers or by their staff under the supervision of hairdressers.

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When using electrical appliances, especially when children are present, basic safty precautions should always be followed, including the following:

Before Using the Product

Carefully read through the Safety Precautions and use the product correctly. Furthermore, to use the product safely, be sure to perform the daily inspection following the procedures described in the Guidance on Daily Inspection (page 22). In case the product is continually used without performing daily inspections, product failures or accidents may occur.

Precautions stated here are for the purpose of the following:

Belmont directly.

Ensuring safe use of the product and preventing harm and damage to yourself and other persons. Each of the precautions identifies an important item concerning safety. Be sure to observe the instructions. We are not responsible for injuries and damage to the user and other persons should an accident occur due to failure to comply with these precautions. If this is the case, the persons who use the product without observing the safety precautions will bear responsible for the injuries and damage.

The following section provides detailed explanations of the precautions. Fully understand the meaning before reading the body text.



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For maintenance and service of the product, be sure to contact the nearest dealer or Takara

READ ALL INSTRUCTIONS BEFORE USING. KEEP AWAY FROM WATER.



Do not water the equipment.



Do not place or store appliance where it can fall or be pulled into a tub or sink. Do not use while bathing. Do not place in or drop into water or other liquid. Do not reach for an appliance that has fallen into water. Unplug immediately.

WA	ARNING
To reduce the risk of burns, elect	troction, fire, or injury to persons:
Be sure to execute the daily check.	Never disassemble or repair the equipment by yourself.
Execute the daily check according to the Guidelines for Daily Inspection described in this manual (page 20). Improper use or operation of the equipment may result in injuries or accidents including burns.	Persons other than the repair engineer must not disassemble, repair, or modify the equipment. Neglecting this warning may cause ignition or abnormal operation resulting in physical injuries.
Do not suspend from a shaft or a stand.	Do not hang from the equipment or the dryer arm.
Do not go up or suspend from the shaft or the stand of the roller ball. Neglecting this caution may cause falling, tumbling, or breakage of equipment resulting in injuries.	Do not suspend anything from the equipment or the dryer arm. Failure to heed this warning may lead to falling of the equipment due to damage resulting in burns or physical injury.
	Shocks to the equipment in operation.
	Do not expose the equipment to shocks or impacts during operation. Neglecting this warning may result in falling of the equipment, thus causing electric shock, fire, breakage, or injuries.
Do not allow the hair or the skin of the customer to contact the heater guard.	Never drop or insert any object into any opening.
Be careful to avoid allowing the hair or the skin of the customer to contact the heater guard while the customer dozes during operation or after using the roller ball. Neglecting this warning may result in a	Do not insert a metal object, such as a pin or the like, into the ring to remove dust accumulated in the slit, etc., when fixing the Roller Ball. Neglecting this warning may result in an electrical shock or ignition caused by an electrical short circuit.
burn injury.	

WARNING				
Close supervision is necessary.	Do not use attachments not recommended by the manufacturer.			
Close supervision is necessary when the appliance is used by, on, or near children or invalids.	Use this appliance only for its intended use as described in this manual. Do not use attachments not recommended by the manufacturer.			
Do not allow a child to touch the Roller Ball.	For Dryer arm, model AY-DRASFF only.			
Do not allow a child to touch the Roller Ball. Neglecting this caution may cause falling, deformation, or breakage of the Roller Ball resulting in a burn injury.	Use only the dryer arm, model AY-DRASFF, for this accelerator.			
L designed and the second seco	Do not touch hot surfaces of the products.			
	Do not touch hot surfaces of the products. Use the grip.			
	Do not use outdoors.			
	Do not use outdoors or operate where aerosol (spray, products are being used.			
	Never block the air openings.			
	Never block the air openings of the products or place it on a soft surface, such as a bed or couch, where the air openings may be blocked. Keep the air openings free of lint, hair, and the like.			

▲ CAUTION

Do not move the product while holding it at the ring or the guide bar.



Do not move the product while holding it at the ring or the guide bar. Neglecting this caution may cause tumbling, deformation, or breakage of the product resulting in physical injuries. Only move the product by holding it at the grip.





CA	UTION
Pay attention to the surrounding area when moving the product.	Think of the physical condition of the customer.
When the product is moved, the dryer arm will also move as the product moves. Pay careful attention to the furniture or personnel around the product.	The head of the customer will become warm due to the heat from the heater during operation. If the customer experiences discomfort or feels sick, stop using the product. Particular attention should be given to those who are likely to feel dizzy, have high blood pressure, or are being treated by a doctor and there is concern about the physical condition.
Use the polyethylene cap. For the salon service using the hot double-process perming agents or the acidic hair dyes (acidic color), use the polyethylene cap. Since the polyethylene cap can transmit infrared rays, the infrared thermal sensor can correctly measure the hair temperature, thereby enabling correct temperature control.	Do not use the product with the perming agents designated for use under normal temperatures. Do not use the product with cold double-process perming agents. Neglecting this caution may cause skin disorders including a rash. Image: Agent 1 Image: Agent 2 Image: Agent 1 Image: Agent 2
Do not expose the ring to shocks.	Do not allow the chemicals to adhere to the heater.
Do not expose the ring to shocks. Neglecting this warning may result in bursting of the heater. Pay careful attention to the handling of the product.	Use the product while paying attention not to allow the chemicals to adhere to the heater. Neglecting this caution may result in breakage of the heater due to deterioration.

SAVE THESE INSTRUCTIONS

Name of Each Part



Location of Warning Label



Accessories



Operating Manual: 1 copy

Control Panel



(only for the specification with fan)

Description of Buttons and Indications

1 Display Panel	2 Time Setting Buttons
 Display the preset operation time. Display the remaining time. Display the elapsed time after the completion of operation. Display the error state. Display the error state. Display the error state. Display the cooling operation remaining time. *Example shows the cooling operation remaining time. 	 Use these buttons to change the time setting. Each press of the (UP) or the (DOWN) button changes the time in units of a minute. Keep pressing the button changes the time continuously in units of five minutes. * Maximum setting time: 60 minutes.
3 Temperature Indicator	4 Temperature Buttons
 Indicates the current temperature setting. [Display Color] Red Red The lamp illuminates for each 3°C (5.4°F) Orange Orange Yellow Yellow Yellow Green 	 Use these buttons to change the temperature level. Each press of the (UP) or the (OWN) button changes the temperature level by one step. The level can be set in seven steps.

Description of Buttons and Indications



Outline of Modes

Description of Modes

Mode	Use	
PERM (Hot double–process perms)	Use the mode for the heating process of the hot double-process perms. Adjust the mode according to the hair condition, chemicals used, perming techniques, etc.	
COLOR (Acidic hair dyes)	Use the mode for the acceleration of the acidic hair dyes. Adjust the mode according to the hair condition, chemicals used, techniques, etc.	
TREATMENT	Use the mode for the acceleration of the hair treatment. Adjust the mode according to the hair condition, treatment agents used, etc.	
MANUAL	This is the manual mode enabling use that fits the salon's unique techniques. The mode can also be used for partial perming or partial dyeing.	

Default Setting of Modes

	Standard Setting				Tomporeture		
Mode	Temp. Level	Time	Heating Position	Rotation	Cooling Time	Fan Operation (during cooling operation) * Only for the specification with fan	Temperature Control System
PERM (Hot double-process perms)	3(40℃, 104°F)	8 min.	Front Side Nape	ON	Specification w/ Fan: 2min. 1min. Specification w/o Fan:	ON	
COLOR (Acidic hair dyes)	4(43°C, 109.4°F)	10min.	Front Side Nape	ON	Specification w/ Fan: 2 min. 1 min. Specification w/o Fan:	ON	Control with the infrared thermal sensor
TREATMENT	4(43°C, 109.4°F)	10min.	Front Side Nape	ON	Specification w/ Fan: 2min. 1min. Specification w/o Fan:	ON	
MANUAL	3(40℃, 104°F)	8min.	Front Side Nape	ON	Specification w/ and w/o Fan: 1 min.	OFF	Control according to the programmed time control

Temperature control by infrared thermal sensor

at the the preset level.

Temperature level and temperature settings

The temperature level indication shows the temperatures with an increment of $3^{\circ}C$ (5.4F) in the order of $34^{\circ}C(93.2F)$, $37^{\circ}C(98.6F)$, $40^{\circ}C(104F)$, $43^{\circ}C(109.4F)$, $46^{\circ}C(114.8F)$, $49^{\circ}C(120.2F)$, and $52^{\circ}C(125.6F)$ from the bottom lamp (green) to the top lamp (red).

In PERM ((hot double-process perms), COLOR (acidic hair dyes), and TREATMENT modes,

the infrared thermal sensor measures the temperature of customer's hair directly, and maintains it

* Since the manual mode controls the ON and the OFF time of the heater, the temperature may slightly fluctuate according to room temperatures.

Heating position

The ring heater of the rotating ring can be set to turn OFF only when it passes the designated part. The part of FRONT, SIDE, or NAPE whose lamp illuminates on the control panel will be heated. Example: Press the FRONT button to turn off the lamp, and the ring heater will be OFF only when the ring passes the front part while the ring is rotating.

Error Codes

- If an error code appears on the display panel, take adequate action according to the following table.

Indication	Symptom	Actions to be Taken
The ED code and the current remaining time indication will blink, alternately.	After operating for three minutes or longer, the surface of the customer's head is hotter than the preset temperature.	Check if the customer's head position is set too far from the heater. If it is, reset it at the correct position. (See page 11.) If the position is correctly set, check that the sensor sheet is clean. If the sheet is not clean due to agents etc., wipe it off completely. Turn off the power, then on again and use it with the head set at the correct position. If the condition does not change after taking this action, contact the nearest dealer or Takara Belmont directly.
	The surface of the customer's head is not warm at all.	Contact the nearest dealer or Takara Belmont directly.
The E code and the current remaining time indication will blink, alternately.	The customer's head has moved from the current position, or the temperature of the surface of the head has decreased.	Check the position of the customer's head. Keep the product running. After a while, the error will be cancelled when the customer's head temperature reaches the setting temperature.
The E code blinks.	The ring movements are abnormal.	Turn off the power and then on again. If the error condition continues, contact the nearest dealer or Takara Belmont directly.
The E 3 code blinks.	The surface of the cutomer's head is too hot.	Contact the nearest dealer or Takara Belmont directly.

Setting

Be sure to observe the correct use to make the maximum performance of the Roller Ball and to ensure comfortable use by the customer.

Materials of Cap Used

Use a polyethylene cap for perm, color and treatment mode operations.

By using a polyethylene cap, the hair can be heated efficiently to the set temperature, and the infrared thermo sensor will measure and control the temperature of the hair.

Use the manual mode if the cap is not used or if a cap other than the polyethylene cap is used. If the perm, color or treatment mode is selected, the temperature cannot be measured well with the infrared thermo sensor, causing an error code (E0, E1) to appear on the display panel. If an "error code" appears, follow the instructions on [P18].

Use of a cap other than the polyethylene cap in perm, color, and treatment mode may cause abnormal temperature rise.

When using a cap other than the polyethylene cap, use the manual mode.

Safe Rotation Function of Ring

If any part of the customer's body or clothes is caught between the main unit and the ring of the Roller Ball during operation, the rotation clutch mechanism of the ring will work to stop rotation and prevent danger.



Place the top of the head approximately 12 cm away from the pivot of the ring and approximately 24 cm away from the infrared thermal sensor.

(Approximately 5 cm between the nape guard and the nape).

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CAUTION

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Setting the Roller Ball in Correct Position

Position the nape guard 5 cm away from the customer's nape and set it at the center of the nape.

Move the chair up or down according to the seating height of the customer or move the Roller Ball main unit up or down to adjust the height.

If the head of the customer is misaligned from the beginning of the operation, an alarm will sound about three minutes after initiation of operation, and the error code \boxed{ED} will be displayed.

When setting the product, be careful that the product and the dryer arm do not contact the surrounding equipment or personnel. Furthermore, when moving the product, be sure to hold it by the grip; move the product slowly and carefully. Failure to heed this warning may lead to breakage of the product resulting in burns.

If the customer feels sick while using the Roller Ball, immediately stop using the product.

(The far infrared rays from the Roller Ball will not affect the human body at all, but the customer may feel sick due to the heat if the customer is in poor health condition.

Setting

Alarm notifying misalignment of head position



When the alarm sounds, ask the customer to return to the correct position.

(For the PERM, COLOR, and TREATMENT modes)



When the product is operated with the customer in the correct position, the infrared thermal sensor directly measures the customer's head temperature to control it to the preset temperature. However, if the head has moved significantly during operation, the infrared thermal sensor will detect it and the alarm will sound. When this happens, the current remaining time and the **E** code will blink alternately on the display panel.

If the misaligned head position warning alarm is left unattended, the unit may fail to maintain the correct temperature, and this may cause an unsatisfactory results. When the warming alarm sounds, be sure to ask the customer to move back into the correct position. When the customer's head is in the correct position, the error state is cancelled.

Customer's head temperature may take a while to reach the preset temperature. To quickly cancel the E error, follow the instructions given in below <How to deal with an error> and restart the operation.

<How to deal with an error>

If $[\underline{E0}]$ or $[\underline{E1}]$ error occurred, follow the below instructions.

Press Start/Stop button to stop the operation. Reset the customer's head position to the correct position. Press Start/Stop button again to restart operation. If the error still appears, turn off the power, unplug the unit, and contact the nearest dealer or our company directly.



After using the product, move it to a position where the salon works are not interrupted. Leaving the product in the operating position may cause the product to contact other devices or personnel resulting in breakage of the product.



Operating Procedures



Operating Procedures

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[Changing the settings during operation]

Settings excluding mode selection can be changed during the operation.

*For the setting of ring rotation and stop, it can be changed only for manual mode.

[Interrupting the operation]

Press the Start/Stop button during operation to stop ring rotation and heater control, and the Start/Stop lamp blinks.

During interrupted operation, the setting can be changed. When the mode is changed, the operation mode shifts to the changed mode, and the operation is in the standby state.

Press the Start/Stop button within five minutes after interrupting the operation to resume operation. If the Start/Stop button is not pressed within five minutes, the mode will reset to the mode before starting operation.

[Warning of Head Position Misalignment]

(For COLOR, PERM, and TREATMENT modes)

If the customer's head moves from the correct position and the infrared heater is not radiating to the head correctly, the infrared thermal sensor will detect it and a warning alarm will sound every 30 seconds. If this happens, ask the customer to return to the original position. If this condition is not corrected, it may cause an unsatisfactory results.

Cooling

When the preset time has elapsed and the time indication is zero (0), the cooling operation will be started.

Specification w/o Fan

Cooling process continues for one minute.

- * During the cooling operation, the ring will rotate when the heater is OFF.
- * For the ring-fixed operation in manual mode, cooling operation is not executed.

Specification w/ Fan

Cooling process continues for two minutes. During the cooling operation, cold air will be blown from the fan.

* In manual mode, the fan will not operate during the cooling process, and as is the case with the specification w/o fan, the cooling time is one minute.

Time-up

When the preset time has elapsed, the time indication shows 0, the electronic alarm indicating a time-up will be heard. The ring will stop at the home position.

[Counting the retention time]

After the time-up, the retention time will blink on the display panel.

[Memory Function]

The retention time after time-up is displayed up to 60 minutes. When the Start/Stop button is pressed during this time, the previous setting will be displayed. (This function is useful when checking the operating time and the finished result in comparison.) When the mode is changed, the memory is erased.

Be sure to turn off the power switch when finished.

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Rotation and Stopping of Ring during Operation

Only for the Manual Mode

	State of Ring Rotation For regular use	Button during Operation For use where the ring rotation is
Operation	(Ring rotation button: ON)	(Ring Rotation button: OFF)
During operation	The ring rotates. The heater is ON.	The ring stops at the position of the manual mode stop. The heater is ON.
When the operation is interrupted	The ring stops at the position when the button is pressed. The heater is OFF.	The ring remains in the stop state. The heater is OFF.
When the operation is resumed in five minutes after interruption	The ring starts to rotate. The heater is ON.	The ring remains in the stop state. The heater is ON.
During cooling time	The ring rotates. The heater is OFF.	*The cooling time is not provided
After cooling time	The ring rotates to the home position and stops there. The heater remains to be OFF.	for the fixed operation under the manual mode.

Partial Heating

When either of the heating positions (FRONT, SIDE or NAPE) is turned off, the temperature control is subject to the ON/OFF control of heater according to the programmed time. The temperature control with the infrared thermal sensor will not be executed.



*The heater of the rotating ring can be set to OFF only when it passes the designated part.



Press the Start/Stop button.

Press the Start/Stop button to rotate the ring under the selected conditions.

Customized Settings

1. Customizing Settings in Modes

It is possible to adjust the initial settings in each mode as required. (customized settings) (The initial settings are displayed when the mode selection button is pressed.) The customized settings are stored in memory even after turning off the power.

- *During the operation or interrupted operation, the settings will not remain in memory.
- 1. Select the mode selection button in which you would like to customize the settings.
- 2. Change the setting for temperature, time, or heating position.
- 3. Keep pressing the mode button for one second or longer. An electronic beep sound will be heard, and the new settings are stored.
- 4. Release the finger from the mode button. The new settings are now stored.
- 5. Turn off the power, and then on again. Check that the settings are correct.

2. Reverting to the Default Settings

This procedure restores the default settings (factory settings). (Factory setup: see page 9)

- 1. Turn on the power while pressing the Start/Stop button.
- 2. An alarm sound will be heard after one second, and the mode settings are restored to the default settings.
- 3. Release the finger from the Start/Stop button, and the procedure is completed. Check the settings.

Lamp Indication During Operation and Inputs from Button

Mode and O	peration	START/STOP	PERM COLOR TREATMENT MANUAL	TEMP	TIME	FRONT SIDE NAPE	ROTATE	FAN XOption
Power ON	Lamp Indication	1 secON → OFF	$\begin{array}{c} 1 \text{ sec ON} \\ \rightarrow \text{Blink} \end{array}$	$\begin{array}{c} 1 \text{ sec ON} \\ \rightarrow \text{OFF} \end{array}$	1 sec 8.8. → OFF	$\begin{array}{c} 1 \text{ sec ON} \\ \rightarrow \text{ OFF} \end{array}$	$\begin{array}{c} 1 \text{ sec ON} \\ \rightarrow \text{OFF} \end{array}$	$\begin{array}{c} 1 \text{ sec ON} \\ \rightarrow \text{ OFF} \end{array}$
	Button Input	×	0	×	×	×	×	×
Before	Lamp Indication	Blink	Selected mode	O N	O N	O N	O N	O N
Operation	Button Input	0	0	0	0	0	Manual only	0
During	Lamp Indication	O N	Selected mode	O N	O N Count down	O N	O N	O N
Operation	Button Input	0	×	0	0	0	Manual only	0
During Interruption	Lamp Indication	Blink	Selected mode	O N	Blink	O N	O N	O N
meenuption	Button Input	0	0	0	0	0	Manual only	0
Cooling	Lamp Indication	Blink	Selected mode	OFF	Blink Count down	OFF	O N	O N
	Button Input	0	×	×	0	×	×	0
Completion	Lamp Indication	Blink	OFF	OFF	Blink Count up	OFF	O N	OFF
	Button Input	0	×	×	×	×	×	×

Note: Items marked with the "O" accepts input from buttons, while items marked with the "×" do not accept input from buttons. Note: The elapsed time after finishing the operation (cooling time) will be counted up to 60 minutes. Press the START/STOP button to reset the conditions to those at the time of START.

Troubleshooting

When a problem cannot be rectified even if an inspection is made according to the table shown below, immediately stop using the product, turn off the power switch, disconnect the power plug, and immediately contact the nearest dealer or Takara Belmont directly.

Phenomenon	Check Point	Countermeasures
	Is the power plug correctly inserted into the wall outlet?	Insert the power plug firmly into the wall outlet.
-	Is the power switch turned on?	Turn ON the power switch.
No power. (No indication on the)	Is the fuse on the distribution panel or the breaker switch in the salon in the ON position?	Set the fuse on the distribution panel or the turn ON the breaker switch.
\control panel /	Is the fuse (located at the lower side of the main unit) blown?	Turn off the power switch, and contact the nearest dealer or Takara Belmont directly.
	Is the problem rectified when the power plug is disconnected and then inserted again?	Immediately stop using the product, turn off the power switch, disconnect the power plug, and then immediately contact the nearest dealer or Takara Belmont directly.
There is an odd smell from the heater.	Is a chemical adhered to the heater or the reflection plate?	If dust, dirt, or chemicals adhere to the heater or the reflector, the fouling will cause a transient fire and will emit smoke. When the amount of fouling is minute, the smoke will stop when the fire burns out, causing no damage to the product. If the fouling is substantial or the smoke does not stop, turn off the power switch and contact the nearest dealer or Takara Belmont directly.
There are clicking sounds from the ring.	_	The heater expands when it gets hot, and shrinks when it gets cold. The noise is caused as certain parts come into contact with each other. This is not a failure.
There is friction noise from the product while the ring is rotating. The sound volume or the tone quality sometimes differs in a same product.	_	The head part of the product uses gears. The sliding friction noise of the gears fluctuates in terms of the tone quality and sound volume by products. The fluctuation in tone quality and the friction noise are not failures.
The ring wobbles during rotation.	_	The head part of the product uses a motor. The ring may wobble due to vibrations of the motor, which is not a failure. Furthermore, the level of wobbling differs depending on the product.
It has become necessary to set a lower temperature than previously in order to achieve the same results. (The temperature is higher than before.)	Is the sensor sheet contaminated?	Remove the contamination on the surface of the sensor sheet according to the Section "Care and Maintenance" on page 19. If the problem is not be rectified, turn off the power switch and contact the nearest dealer or Takara Belmont directly.
The heater will not glow red. *Depending on the thermal control of the heater, the heater may seem as it is off.	Has the temperature around the heater increased?	When the air around the heater becomes warm, the heater has not failed. If the temperature has not risen, stop using the product, turn off the power switch, disconnect the power plug, and immediately contact the nearest dealer or Takara Belmont directly.

Troubleshooting

When a problem cannot be rectified even if an inspection is made according to the table shown below, immediately stop using the product, turn off the power switch, disconnect the power plug, and immediately contact the nearest dealer or Takara Belmont directly.

Phenomenon	Check Point	Countermeasures
The ED error illuminates.	Check if the customer's head position is not set too far away from the correct position. (See page 11.)	If the error code appears continuously even where the customer's head set in the correct position, turn off the power and contact the nearest dealer or Takara Belmont directly.
The E l error illuminates.	Check if the customer's head position is not set too far away from the correct position. (See page 12.)	If the error code appears continuously even where the customer's head set in the correct position, turn off the power and contact the nearest dealer or Takara Belmont directly.
The E2 error illuminates.	Check if the ring does not interrupt wall or other equipment.	Move the product to the position where the ring does not contact with wall or other equipment, and turn off, then turn on the power. If the above-stated action does not rectify the symptom, turn off the power and contact the nearest dealer or Takara Belmont directly.
The E 3 error illuminates.	Check if the Roller Ball is set in the correct position properly. When the customer's head may be set too far from the correct position, the infrared thermal sensor detects heat from a surrounding heater and so on, leading to the E a error.	Turn on the power after setting the product in the correct position. If this does not rectify the symptom, turn off the power and contact the nearest dealer or Takara Belmont directly.

USER MAINTENANCE INSTRUCTION

Splashing of water on the control panel or metal parts may result in product failure or rusting. Immediately dry the product with a soft cloth.



The plastic, plated, or painted parts should be wiped with a dry and soft cloth.



When fixed contamination or oil adheres to the product, wipe it off with a soft damp cloth with a water-diluted neutral detergent.



Never use volatile chemicals such as thinner, alcohol, gasoline, and kerosene; detergents containing organic materials; acidic-, alkaline- or chlorine-based detergents; and wax containing abrasive compound, sponge, scrubber, etc.



Daily Inspection Procedure

WARNING

Be sure to observe daily inspection according to the following guidelines. Continued use without observing the daily inspection may result in failure or accidents.

To use the product safely, be sure to observe the following inspections.

■ Daily Inspection Items (Pre-Operation Check)

Inspection Item	Inspection Procedures	If the inspection results show defects:
Check if there is no deformation, breakage, or deterioration on the power plug or the power cord of the dryer arm.	Check before operating the product: There is no deformation breakage or deterioration on the power plug or the power cord. Check while the product is in operation. (this is limited to the case that there is no deformation breakage or deterioration on the power plug or the power cord) The power plug or the power cord may be heated when it is deteriorated. Touch to check if the power plug or the power cord becomes hot while the product is in use.	There is a possibility of electrical shock or burn injuries due to fire or electrical leakage. Since some parts must be replaced, immediately stop using the product, turn off the power switch, disconnect the power plug, and immediately contact the nearest dealer or Takara Belmont directly.
□Check if there is no breakage or deterioration on exterior parts.	Visually check the entire product and check for any breakage or deterioration of the exterior parts, etc.	Restrictions in bringing out the expected functions of the product may result in accidents (injuries including burns). Immediately stop using the product, turn off the power switch, disconnect the power plug, and immediately contact the nearest dealer or Takara Belmont directly.
Check that the power switch operates properly and the lamps on the control panel illuminate.	Check if there is no jamming when turning ON/OFF the power switch. In addition, check that all of the lamps illuminate right after turning on the power switch.	If the product is used with the power switch functioning improperly, failures such as unexpected shutdown of power during operation may occur. Furthermore, in the state that the lamps on the control panel do not illuminate, the product may not be used correctly because the setting state cannot be confirmed. If this is the case, immediately stop using the product, turn off the power switch, disconnect the power plug, and immediately contact the nearest dealer or Takara Belmont directly.
□Make sure that the wall mount bracket does not wobble.	Move the product attached to the dryer arm and check the movement.	If you note problems such as the wall mount bracket is swinging from at its base on the wall, disconnect the power plug and immediately contact the nearest dealer or Takara Belmont directly.
□Make sure that the devices attached to the dryer arm are not loose.	Move the product attached to the dryer arm and check the movement.	If you note problems such as the device is swinging from at the joint part with the dryer arm, disconnect the power plug and immediately contact the nearest dealer or Takara Belmont directly.
☐Make sure that the dryer arm operates safely without any problem.	Move the product attached to the dryer arm and check the movement.	If you note any problem, disconnect the power plug and immediately contact the nearest dealer or Takara Belmont directly.

Any other servicing should be performed by an authorized service representative.

Dimensions and Specifications

Dimensions

-mm-







Specifications

Model No.	AK-S23A	AK-S23AF
Weight	8.0kg	
Safety device	Rotation clutch mechanism Power supply fuse	
Rated voltage	AC120V	
Frequency	50/60Hz	
Rated power	980W	985W

*Specifications are subject to change without notice.

Dimensions and Specifications



 \ast The above shows reference values when the lower end of the wall mount plate is installed at a height of 1900 mm from the floor surface.



Note