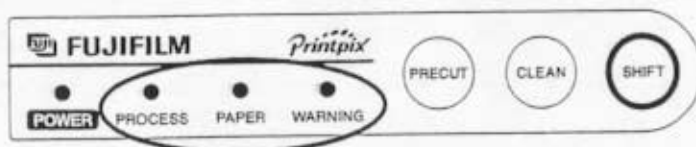


LED Displays and Responses



●: Lit ✱: Blinking ○: Off

LED			Meaning	Response
PROCESS (green)	PAPER (green)	WARNING (red)		
✱	✱	✱	Hardware error	Contact your FUJIFILM dealer or authorized FUJIFILM service facility.
●	✱	✱	Eject area paper jam	- Remove the paper from the paper eject area. (→ P.36) - If you cannot clear the jam, contact your FUJIFILM dealer or authorized FUJIFILM service facility.
✱	●	✱	Y lamp expired	Contact your FUJIFILM dealer or authorized FUJIFILM service facility for a replacement lamp.
✱	○	✱	M lamp expired	
○	●	✱	Paper jam	Use the paper jam driver to rewind the paper and clear the paper jam. Then perform precutting. (→ P.37)
○	○	✱	Paper jam	Clear the paper jam and perform precutting. (→ P.37)
●	✱	●	Paper rewinding because a skew error was detected.	- Eliminate any looseness or winding unevenness in the paper roll and then reload the paper. (→ P.24) - Perform precutting. (→ P.29)
○	✱	●	Paper supply error	Wind the end of the paper gently outwards (→ P.28) and then perform precutting. (→ P.29)
●	●	●	Paper end detection error	- Eliminate any looseness or winding unevenness in the paper roll and then reload the paper. (→ P.24) - Perform precutting. (→ P.29)
✱	●	●	Y lamp expired	If this warning occurs frequently, contact your FUJIFILM dealer or authorized FUJIFILM service facility for a replacement lamp.
✱	○	●	M lamp expired	
○	●	●	Paper eject unit error	Install the paper eject unit and the trash box.
●	○	●	Paper type mismatch	Load a compatible paper type.
○	○	●	No paper or paper cartridge	Load the paper or paper cartridge and then perform precutting. (→ P.24)
✱	●	○	Printer warming up, over-heated or in test print mode	Wait until the printer is ready.
✱	○	○		
●	●	○	Printing, precutting or head cleaning in progress	
●	○	○		

CLEARING PAPER JAMS

When a paper jam occurs during printing, the "WARNING" lamp is blinking red.

IMPORTANT

When a paper jam occurs, the paper cartridge is locked and cannot be removed. Switch the printer off and ensure that the paper jam is cleared before switching the printer back on and removing the paper cartridge.

Notes on Clearing Paper Jams (Read These First)

- Switch the printer off before attempting to clear a paper jam.
- When you switch the printer off, the image data in the printer's memory is cleared. Once you have cleared the paper jam, download the image data to the printer again.
- Take care not to tear the paper roll when clearing the paper jam.
If you tear the paper, remove all the torn fragments so that no paper is left in the printer.
- Do not use excessive force to pull the paper out as this could deform printer components.
- Do not remove the paper cartridge, trash box or paper eject unit unless it is necessary.
- After you have cleared the paper jam, return the paper cartridge, trash box and paper eject unit to their original positions. Failure to do this will prevent printing.
- If paper jams occur frequently during paper feeding, or if you cannot remove the jammed paper at all (the paper cannot be seen), contact your FUJIFILM dealer or authorized FUJIFILM service facility.

IMPORTANT

Always remove the paper roll from the paper cartridge when transporting the printer. Failure to do this will cause paper jams.

⚠ WARNING

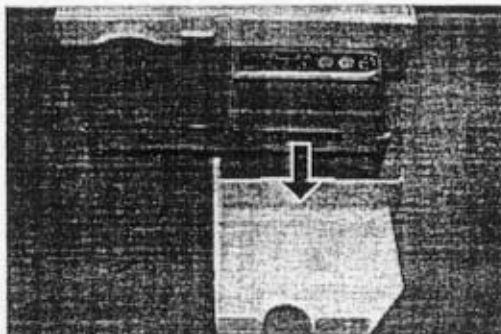
Continuing to use the printer when it is emitting smoke or has any other fault can result in a fire or electric shock. Stop using the printer immediately, turn off the power switch on the printer, and then unplug the printer's power cord from the power socket. After checking that smoke is no longer being emitted, contact your FUJIFILM dealer or authorized FUJIFILM service facility and request repairs. Never attempt to remedy the fault or repair the printer yourself as this is dangerous.



Preparation

Pull out the prints tray before you open the paper supply door.

After closing the paper supply door and trash box, re-install the prints tray.

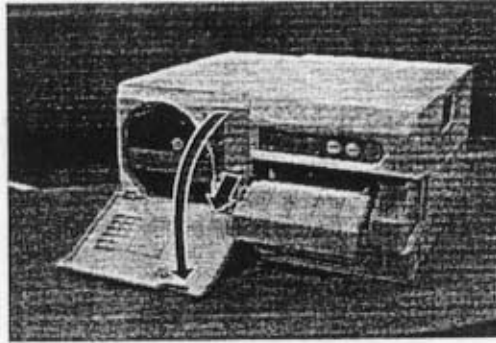


Follow these steps to clear a paper jam.

1 Switch the printer off briefly and then on again.

- "WARNING" lamp blinks red: Perform steps 2 to 5.
- "WARNING" lamp does not light: The printer is operating normally and can be used for printing.

2 Turn off the power switch again, open the paper supply door, and remove the jam driver.

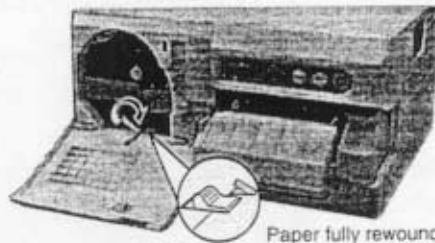


3 Insert the jam driver into the paper jam hole, and turn it clockwise.

This rewinds the printing paper onto its roll in the paper cartridge. When the paper is completely rewound, the paper indicator stands upright. Turn the jam driver a maximum of approximately 40 turns until the indicator pops up.

IMPORTANT

Rotating the jam driver counter-clockwise can damage the printer.



Paper fully rewound.

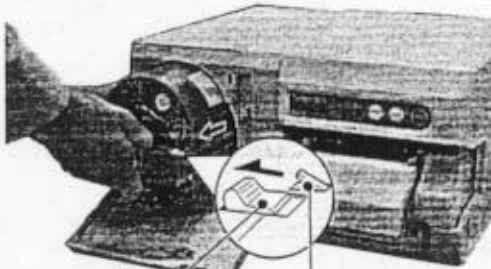


Some paper still not rewound.

4 Switch the printer on and check that the "PROCESS" lamp is off. Push and hold the locking lever to the left and pull out the paper cartridge.

IMPORTANT

If you do not switch the printer on after you perform step 3, you cannot pull the paper cartridge out. The use of excessive force when pulling out the paper cartridge can damage the printer.



Locking lever

Paper indicator

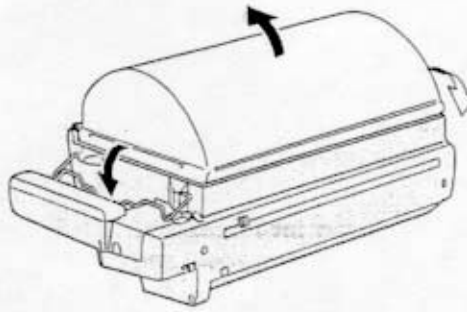


- Always use both hands to remove the paper cartridge.
- If the paper cartridge cannot be removed after the locking lever is pushed to the left, do the following:
 - Try the procedures in step 8 next (P.40).
 - If the procedures in step 8 do not free the paper cartridge, do not use excessive force, but contact your FUJIFILM dealer or authorized FUJIFILM service facility.

5

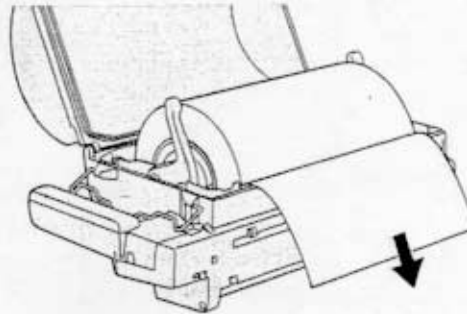
Cut off the paper that has been rewound.

5-1 Remove the clips from either side of the paper cartridge and open the cover.

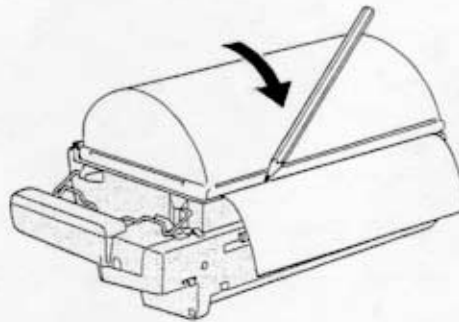


5-2 Pull out the paper that has been rewound.

Pull out the rewound portion of the paper (the printed, creased or soiled portion plus an additional 1 cm (0.5 in.).

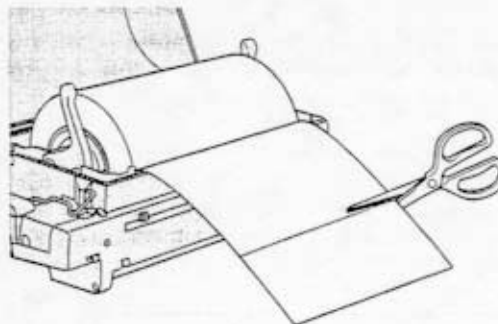


5-3 Gently close the cover and draw a cutting line on the paper along the cover edge.



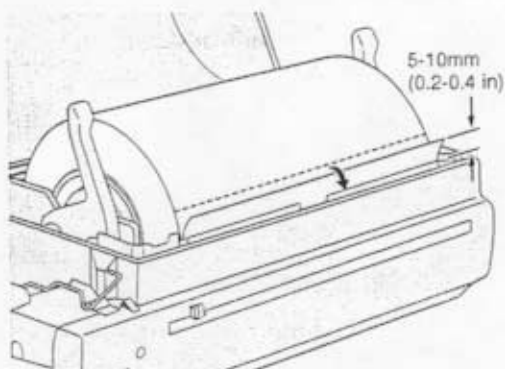
Closing the cover firmly could tear the paper and cause problems such as paper jams.

5-4 Pull the paper a little farther out and cut straight along the line.



Be sure to cut straight across the paper, at right angles to the edges. Curved or angled cuts can cause paper jams.

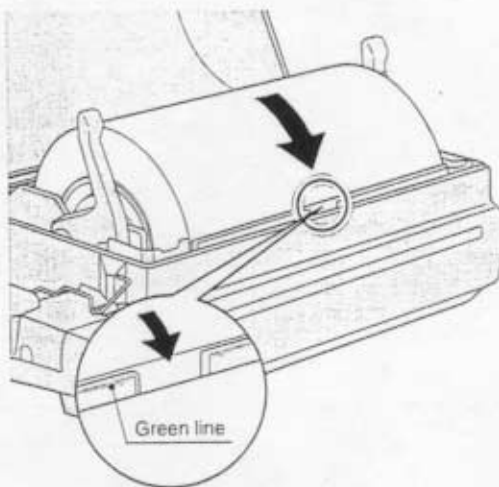
- 5-5** Bend the loose end of the paper outwards slightly.



Do not fold the paper as you bend it outwards as this can cause a paper jam.

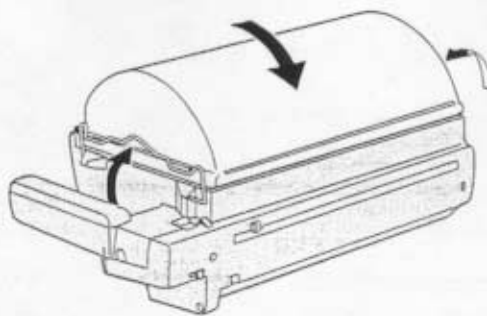
- 5-6** Align the front edge of the paper with the green line (paper alignment guide).

Rewind the paper roll as you align the front edge of the paper with the green line. Make sure the edge of the paper is approximately parallel with the green line.



Be sure the paper is wound tightly in the cartridge, with no looseness in the roll.

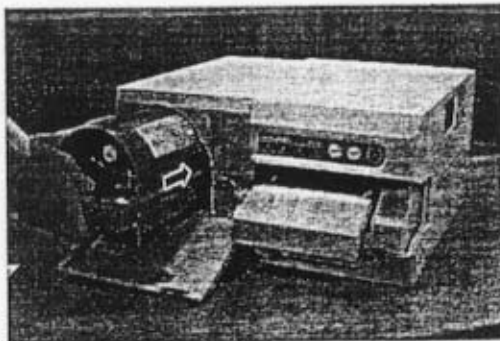
- 5-7** Close the cover on the paper cartridge, and fasten the clips on both sides.



6

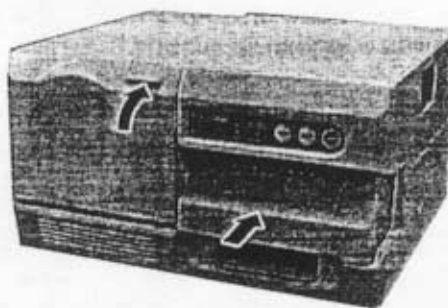
- Slowly insert the paper cartridge all the way into the printer.**

Push the cartridge in until the locking lever slides back to the right.



The paper cartridge is heavy. Be sure to use both hands to insert it into the printer.

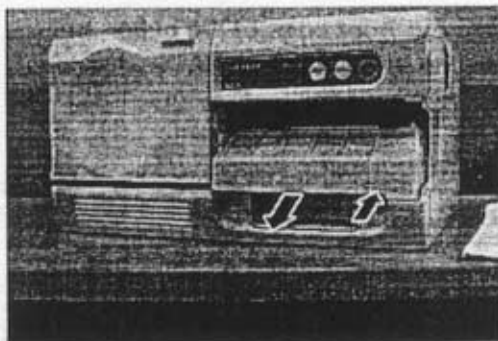
- 7** Close the paper supply door and trash box.



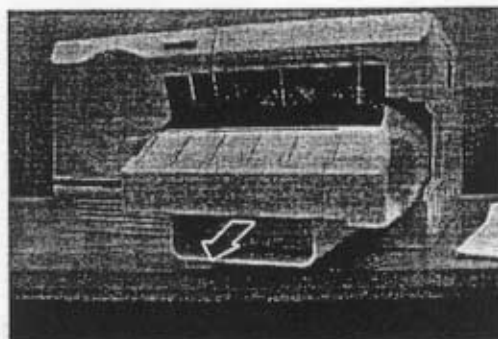
- 8** Remove paper from the paper ejection area.

- 8-1** Push and hold the paper eject unit lock release button up and pull the unit out.

The paper eject unit detaches from the printer.



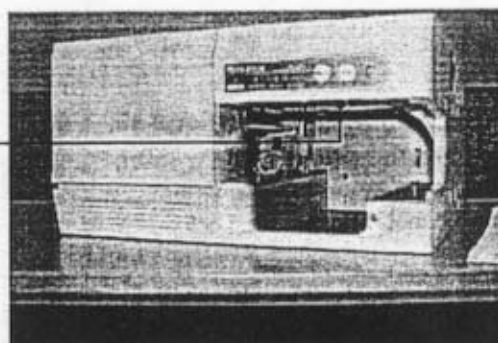
- 8-2** Remove the paper eject unit.



- Be careful not to use excessive force when pulling on the paper eject unit.
- If you cannot remove the unit, contact your FUJIFILM dealer or authorized FUJIFILM service facility.

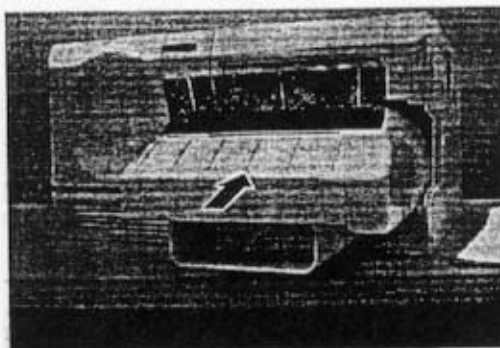
- 8-3** Remove any paper obstructing the path.

Upper surface



- Paper can only be removed from the paper eject area after it has been cut.
- Check that there is no paper stuck to the upper surface of the paper eject unit housing.

8-4 Insert the paper eject unit into the printer.



A Press the unit slowly and firmly until it locks into place.

9

Press the [PRECUT] key.

Pre-cutting is performed and the cut-off paper is ejected. Automatic paper setting is then performed for approximately 20 seconds. For details, see step 9 in "Installing a Paper Cartridge" on P.29.



SPECIFICATIONS

* Design and specifications are subject to change without notice.

System

Printing method Light-fixing thermal color print system (Printpix system)
Resolution 11.8 dots/mm (300 dpi)
Compatible paper Printpix paper
Color reproduction 16.7 million colors (256 gradations each of Y, M, C)

Paper Size	Resolution
2" × 6" size/6 × 10 cm (actual size: 58 × 148 mm)	733 × 1,816 dots
⋮	⋮
4" × 6" size/10 × 15 cm (actual size: 102 × 148 mm)	1,255 × 1,816 dots
⋮	⋮
6" × 8" size/15 × 20 cm (actual size: 148 × 203 mm)	1,816 × 2,457 dots

Minimum printing time For 4" × 6" size/10 × 15 cm size
• First print : Approx. 43 sec.
• Continuous print : Approx. 32 sec./ average value
For 6" × 8" size/15 × 20 cm size
• First and continuous print : Approx. 67 sec.
* Not including the image playback time and pre-feed time to paper start position.

Input/Output

SCSI ports D-sub 25-pin, socket (female, #4-40 lock nuts) connectors (2)

Power Supply and Others

Power plug/cord	Grounded 3-pin plug/ Approx. 1.8 m (5.9 ft.)
Power supply	110-120 V AC, 60 Hz, Max. 4A (US/Canada model) 220-240 V AC, 50 Hz, Max. 2A (Europe model)
Dimensions	Approx. 385 × 198 × 365 mm (15.2 × 7.8 × 14.4 in.) (W × H × D) (including rubber feet)
Main unit mass (weight)	Approx. 15 kg (33 lb.) (including paper cartridge)
Operation environment	+5°C (+41°F) to +35°C (+95°F), 20% to 80% RH (no condensation)
Recommended operation environment	+18°C (+65°F) to +28°C (+82°F), 40% to 60% RH (no condensation)
Accessories	See P.7
Consumables	Printpix paper

Paper Type	Product Number
Standard paper	RK-SD???

SAFETY NOTES

- Before you begin using your NC-400D, read this Owner's Manual carefully to become familiar with how to operate your NC-400D.
- Once you've read this Owner's Manual, keep it handy in case you need to refer to it later.

About Icons

The icons used in this manual and on the NC-400D display are intended to help you use the product safely and correctly, and to prevent injury or damage to property. These icons and their meanings are explained below. Make sure you understand what they mean before reading the rest of this manual.

WARNING

Death or serious injury can result from ignoring warnings and handling the product improperly.

CAUTION

Injury or damage to property can result from ignoring cautions and handling the product improperly.

Examples of Icons



A triangular icon accompanies information related to a warning or caution.

Specific details of the warning are shown inside the icon. (The example here shows the symbol for electrical shock.)



A circular icon with a diagonal bar means that the described action is prohibited.

The prohibited action is shown in or beside the icon. (The example here means that the device must not be disassembled.)



A filled circle means that the described action must be performed.

The required action is shown inside the icon. (The example here means that the plug must be removed from the power socket.) Always perform the action shown.

⚠ WARNING

- Operating this printer when it is emitting smoke, is unusually hot to the touch, is emitting an unusual odor or noise, or is in any other abnormal state will result in fire or electric shock. If any of these conditions occurs, stop using the printer immediately, turn off the power switch on the front of the printer, and unplug the printer from the main power socket. Make sure the burning has stopped and then contact your FUJIFILM dealer or authorized FUJIFILM service facility to request repairs. Never attempt to repair this printer yourself, because this can be extremely dangerous.



- If water gets into the printer, turn off the power switch, unplug the printer from the power socket, and contact your FUJIFILM dealer or authorized FUJIFILM service facility. Do not continue to use the printer, or you risk fire or electric shock.



- If foreign objects get inside the printer, turn off the power switch, unplug the printer from the power socket, and contact your FUJIFILM dealer or authorized FUJIFILM service facility. Do not continue to use the printer, or you risk fire or electric shock.



- If the printer is dropped or if its cover panels are damaged, turn off the power switch, unplug the printer from the power socket, and contact your FUJIFILM dealer or authorized FUJIFILM service facility. Do not continue to use the printer, or you risk fire or electric shock.



- Do not remove the printer's cover panels. The printer's interior contains high-temperature and high-voltage components that can cause burns or electric shock. If your printer requires inspection, maintenance, or repairs, always contact your FUJIFILM dealer or authorized FUJIFILM service facility.



- Do not place flower vases, plant pots, cups, or other vessels containing cosmetics, medicines, or water on top of the printer. Do not place small metal objects on top of the printer. Such items could spill or fall inside the printer and cause fire or electric shock.



- Do not connect the printer to any voltage other than the indicated power supply voltage (110-120 V AC: US/Canada model / 220-240 V AC: Europe model), or you risk fire or electric shock.



- Plug the printer only into a grounded wall socket. Plugging the printer into a table-top extension or "octopus" outlet can cause fire or electric shock.



⚠ **WARNING**

- Avoid spilling water or allowing moisture into the printer, or you risk fire or electric shock.



- Do not insert or drop metallic or flammable foreign objects into the printer through openings such as the ventilation grilles, paper cartridge chamber, paper eject exit, or paper eject area, or you risk fire or electric shock.



- Do not place heavy objects on the printer's power cord or run the power cord under the printer. Doing so can damage the cord and possibly cause fire or electric shock. (Also avoid running the power cord under floor coverings, as this can result in heavy objects being inadvertently placed on the cord.)



- If the power cord is damaged in any way (core exposed, wire cut, etc.), stop using it immediately and request a replacement cord from your FUJIFILM dealer or authorized FUJIFILM service facility. Using a damaged cord can result in fire or electric shock.



- Do not place the printer in potentially hazardous locations such as unsteady or sloping surfaces.
- If you install the NC-400D on a table, ensure that the front of the printer is at least 16 cm (6.3 in.) back from the edge of the table. This ensures that the paper supply door (when open) or prints tray (when attached) do not extend over the edge of the table, which could lead to the printer being moved, tipped over or knocked off the table and causing injury.



- Do not attempt to modify the printer in any way, or you risk fire or electric shock.



- Do not use this printer in a bathroom or any other wet area. Doing so could result fire or electric shock.



Do not use in a wet area

- Do not touch the power plug during a thunderstorm, or you risk fire or electric shock.



Do not touch

⚠ CAUTION

- Do not place the printer in humid or dusty locations, or you risk fire or electric shock.



- Do not expose the printer to oil, smoke, or steam, or you risk fire or electric shock.



- Do not block the printer's ventilation grilles, or the printer could overheat and raise the danger of fire. When using the printer, follow these guidelines:
 - Do not position the printer so that it faces upwards, backwards, or to the side.
 - Do not place the printer in cramped or poorly ventilated locations such as lockers, racks, or bookcases.
 - Do not place the printer on top of carpets or quilts.
 - Do not cover the printer with a tablecloth or similar covering.



- When installing the printer, leave at least 20 cm (8 in.) clearance on all sides and keep the printer separated from other devices to allow heat to dissipate. Heat buildup inside the printer can cause a fire.



- Do not climb on the printer. Take particular care in this regard when young children are present. If climbed on, the printer could tip over or break, leading to the danger of fire.



- Do not place heavy objects on the printer. Such objects could tip over or fall and cause injury.



- Do not place the power cord close to heating appliances, or the outer covering of the cord could melt, leading to danger of fire or electric shock.



- Do not remove the printer's power cord from the power socket by pulling on the cord. Doing so could damage the cord and lead to fire or electric shock. Always grasp the plug itself and pull.



- Never plug in or unplug the printer with wet hands, or you risk electric shock.



CAUTION

- Do not use damaged plugs, or power sockets that have loose connections. Doing so can cause electric shock, short circuit, or fire.



- Before moving the printer, always turn off the power, remove the plug from the power socket, and make sure that all cables are disconnected.



- When moving the printer, be careful to avoid jarring the printer or exposing it to impact or physical shock, or you may damage the printer.



- Your printer is heavy, and must be placed in a stable location. Also, always use two or more persons to unpack or move the printer.



- For safety, always remove the plug from the power socket whenever cleaning the printer. Failure to disconnect the power may cause electric shock.



- If you do not intend to use the printer for an extended time, be sure to disconnect it from the power socket. Failure to disconnect the power could cause fire.



- Approximately every two years, contact your FUJIFILM dealer or authorized FUJIFILM service facility to have the interior of your printer cleaned. Using this device for extended periods after dust has accumulated internally can cause fire or breakdown. For maximum benefit, have this service performed before the onset of humid or rainy seasons.



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