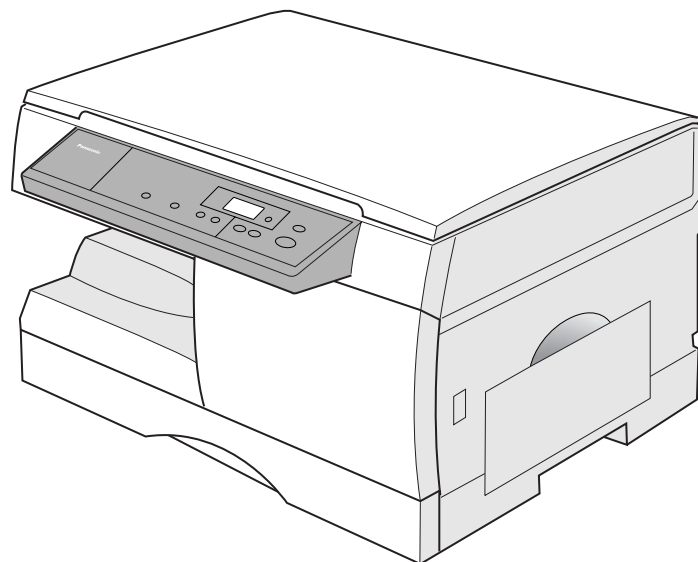


Digital Copier

Operating Instructions

Model No.

DP-130/135/150



Before operating this copier, please read these instructions completely and keep this operating instructions for future reference.

Common Features

Full Size Copying **100%**

Control Panel

1 Position original

2 Select "100%"

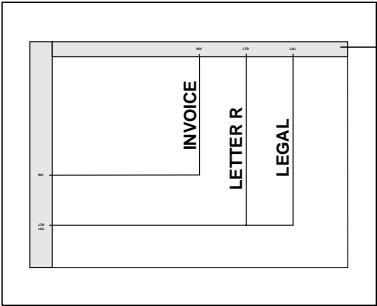
3 Number of copies (Up to 99)

4 Press START

Turn the Power Switch On

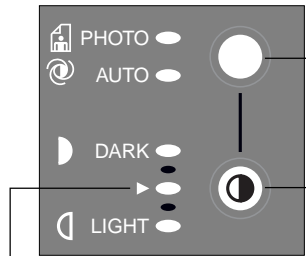
Load the paper (See page 18)

Position of the original



- Original Guide**
 Place original against guide.
- Face DOWN on platen.
- If the original is not positioned properly, a portion of the original may not be copied.

When manually selecting exposure control



Normal Position

- The copier has auto exposure control and adjustments are rarely required.
- Select Photo to copy photos and halftones.
Select Auto to copy with Auto exposure control.
- Select Dark to copy light image originals.
Select Light to copy colored background originals.

NOTE

- Remove stacked copies from the exit tray every 200 sheets.

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Precautions/Energy Star

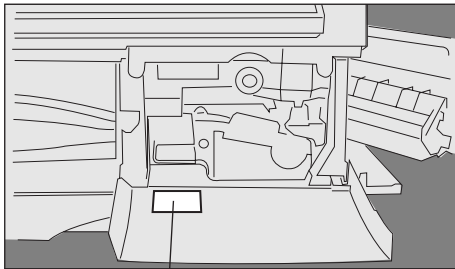
For your safety


■ Laser Safety

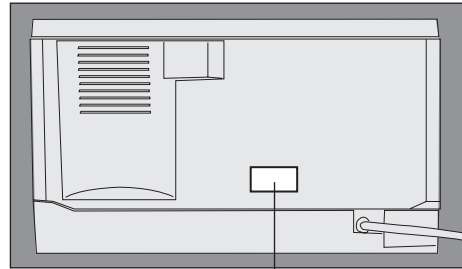
Caution

This product utilizes a laser.
Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

■ Caution Labels



DANGER-Invisible laser radiation when open and interlock defeated.
AVOID DIRECT EXPOSURE TO BEAM.  FFPE2479



Product complies with DHHS Rules 21 CFR Subchapter J in effect of date of manufacture.
Matsushita Graphic Communication Systems, Inc.
Utsunomiya, Tochigi, Japan
MANUFACTURED:

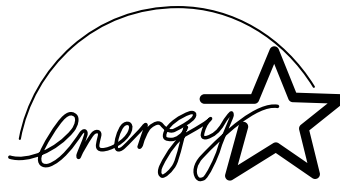
FFPE2327

Label when manufactured in Japan.

Product complies with DHHS Rules 21 CFR Subchapter J in effect of date of manufacture.
Matsushita Graphic Communication Systems, Inc.
Taytay, Rizal, Philippines
MANUFACTURED:

FFPE2327

Label when manufactured in Philippines.

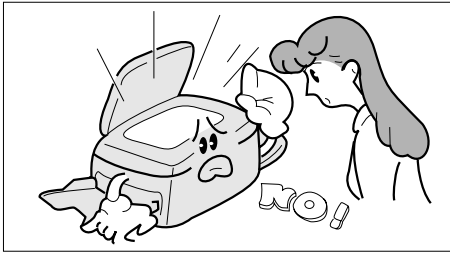


The DP-130/135/150 copier complies with Tier 2 of the Environmental Protection Agency's Energy Star Program. This voluntary program specifies certain energy consumption and usage standards for copiers. This copier will automatically "power down" after a specified period of non-use. The use of these Energy Star compliant copiers will reduce energy consumption and ultimately benefit the environment.

The default functions can be adjusted depending on your office requirements. Please see your authorized Panasonic copier dealer for more details.

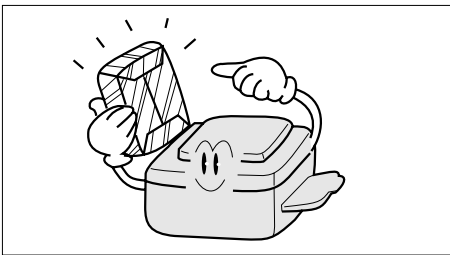
Precautions

Handling



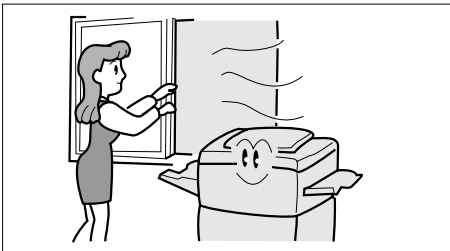
- Do not look directly at exposure lamp when copying.
- Do not turn the power switch off or open the front panel during copying. (See page 7)
- Do not drop paper clips or other metal objects into the copier.

Toner and Paper



- Store toner cartridge and paper in cool areas with low humidity.
- High quality paper of 16 lbs. - 24 lbs. (15 – 34 lbs. via sheet bypass) may be used.
- For optimum performance, it is recommended that only Panasonic Brand supplies be used in the copier.

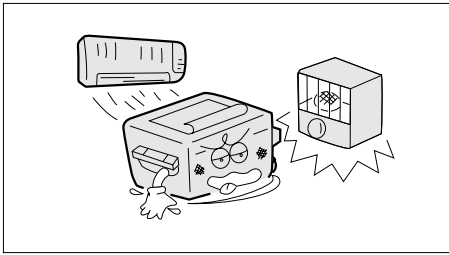
Ventilation



- The copier should be installed in a well-ventilated area to minimize the ozone density in the air.

Precautions

Installation



■ The copier should not be installed in areas with the following conditions:

- Extremely high or low temperature and humidity.
Proper ambient conditions
Temperature: 50°F – 86°F
Relative humidity: 30% – 80%
- Where temperature and humidity can change rapidly, causing condensation.
- Direct exposure to sunlight.
- Directly in air conditioning flow.
- In areas of high dust concentration.
- In areas of poor ventilation.
- In areas with chemical fume concentration.
- In areas with extreme vibration.
- With unstable or uneven conditions (floors, etc.).

■ The power consumption is 1.0 kW.

A properly wired (with ground), dedicated, 15A, 120V AC outlet is required. Do not use an extension cord.

The main plug on this equipment must be used to disconnect main power. Please ensure that the socket outlet is installed near the equipment and shall be easily accessible.

For U.S.A.

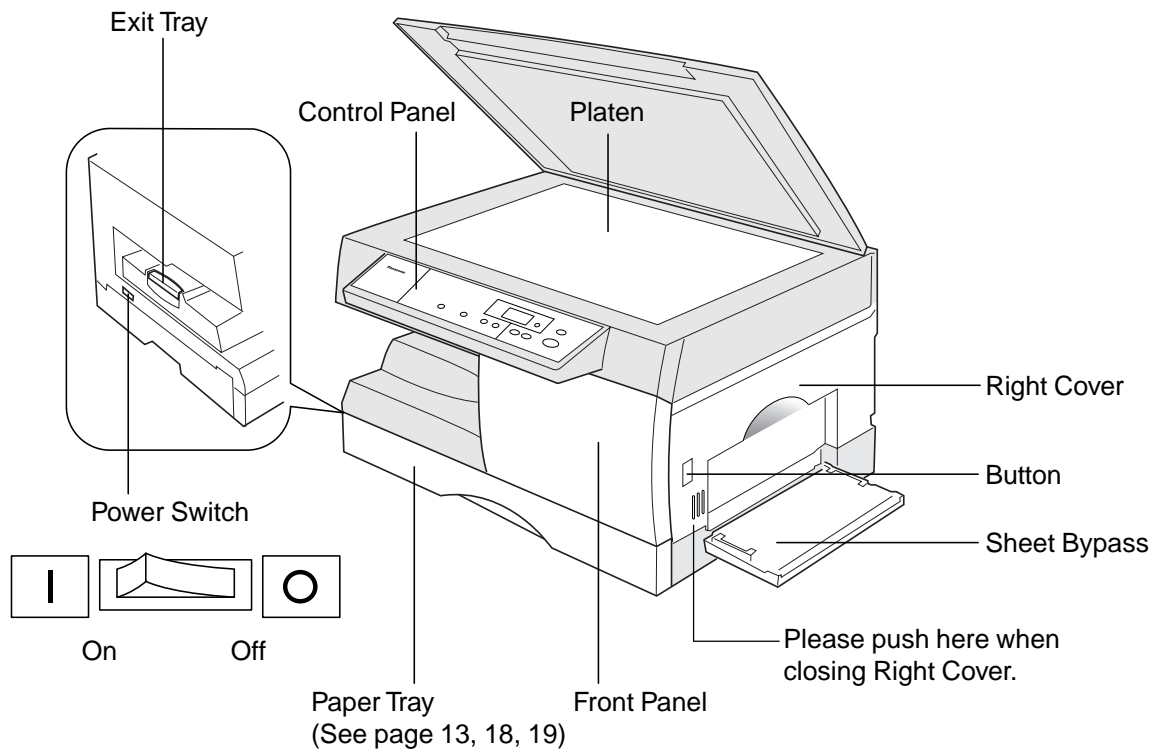
This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his/her own expense.

Any unauthorized changes or modifications to this equipment would void the users authority to operate this device.

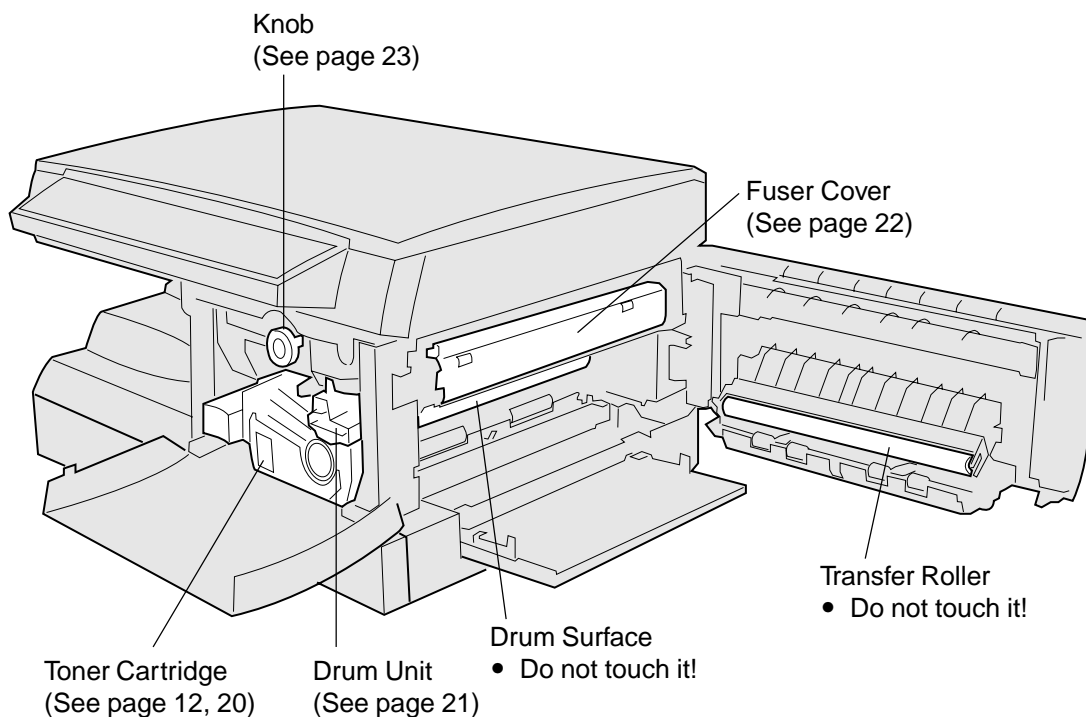
Components

External/Internal

External

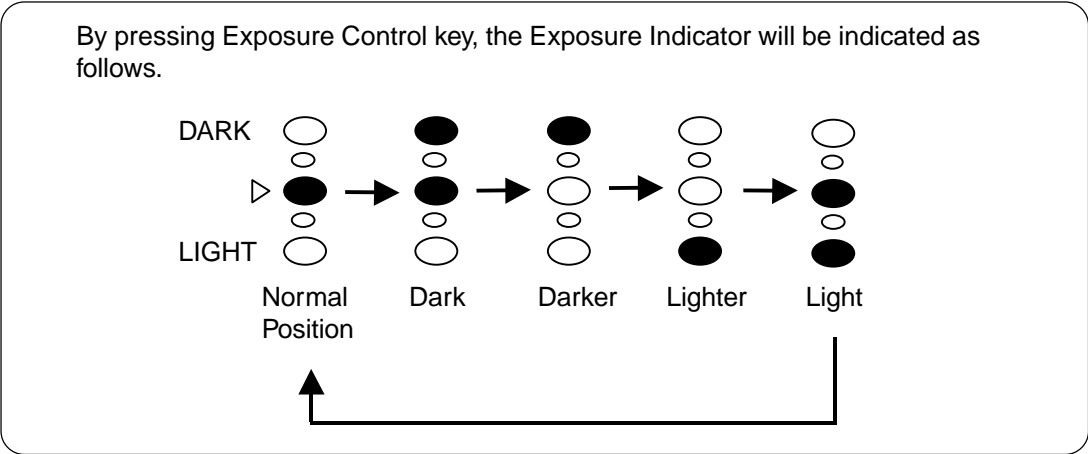
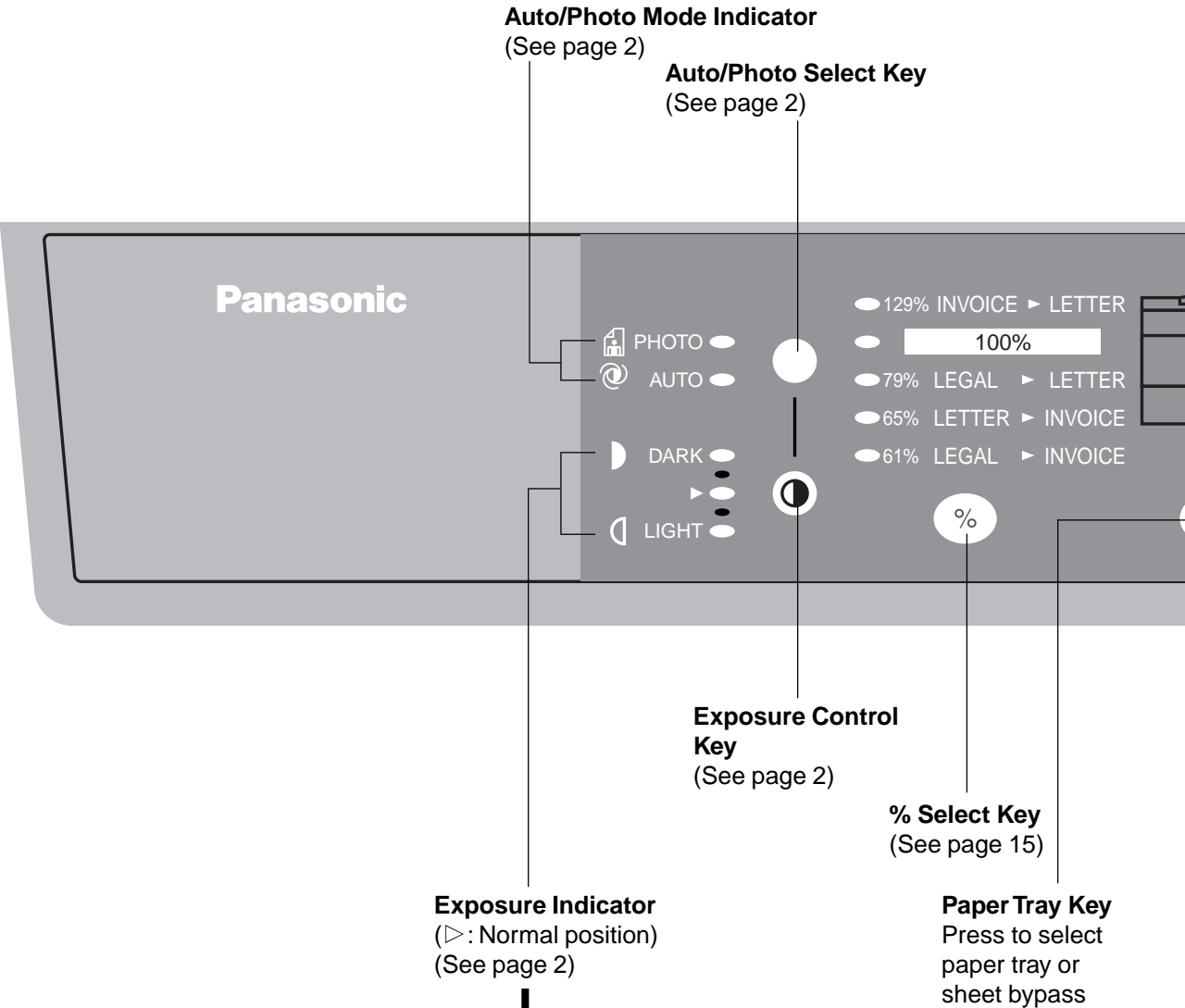


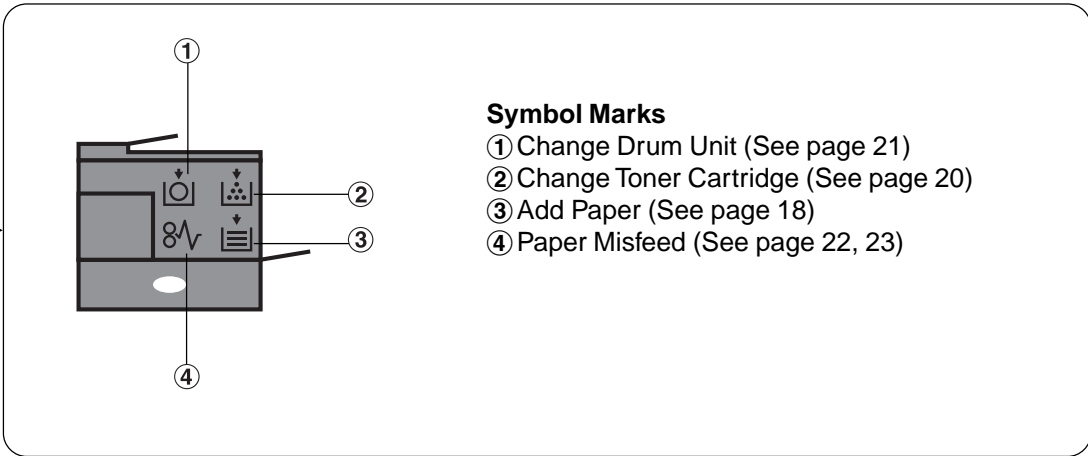
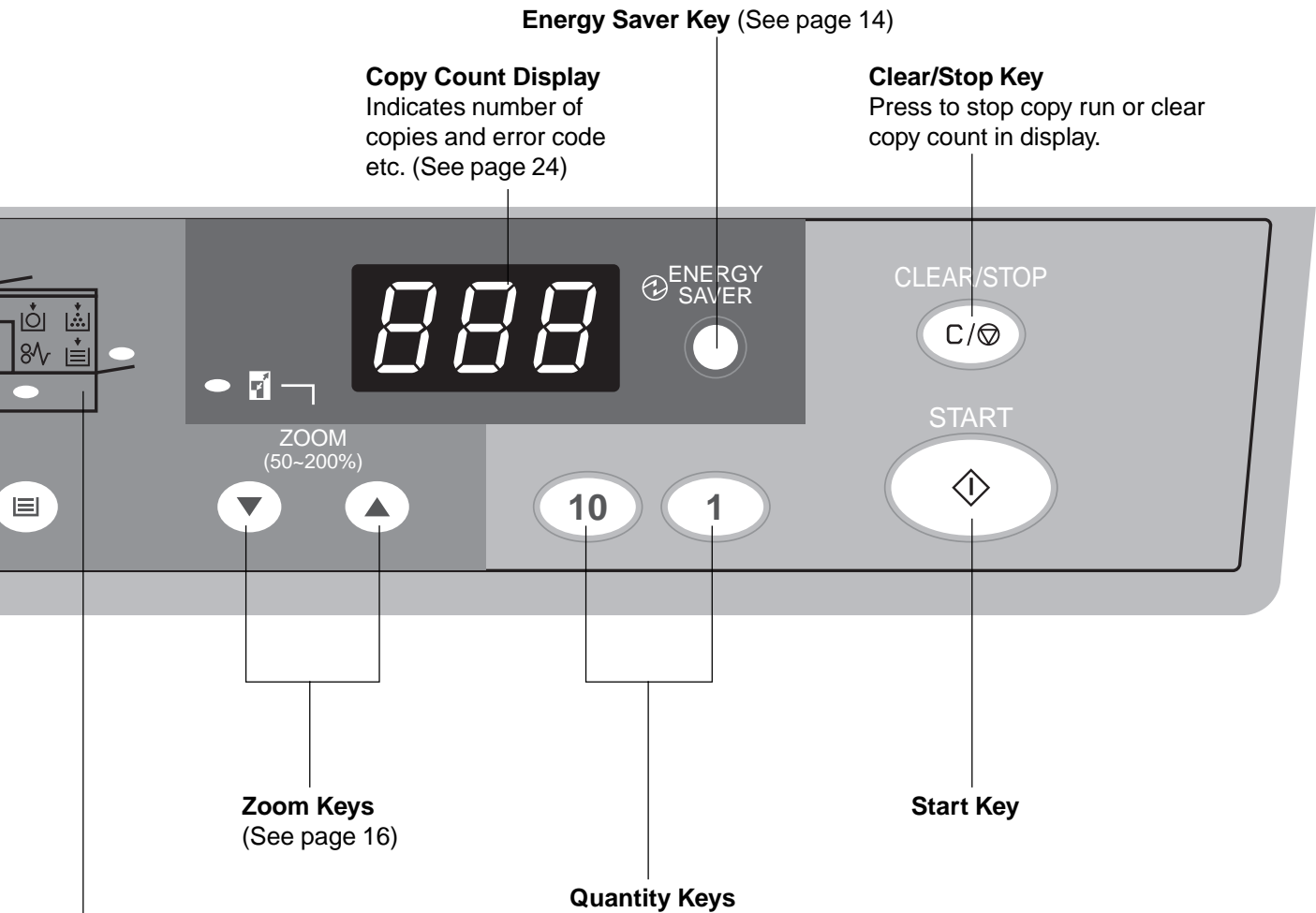
Internal



Components

Control Panel



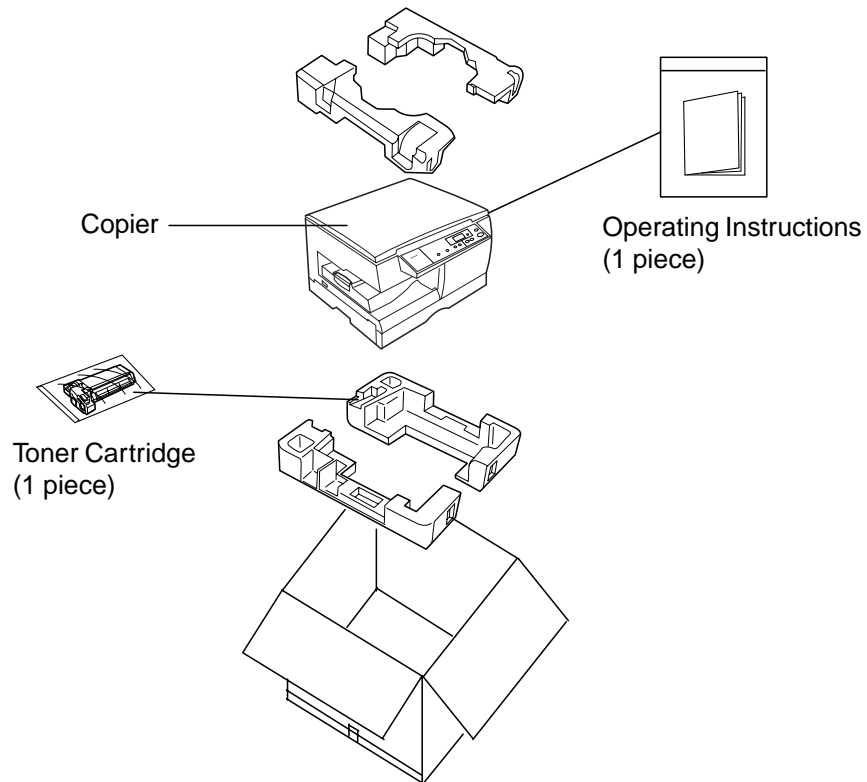


Setup Procedure

Before Setting Up

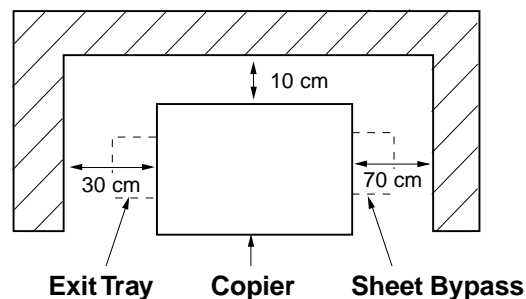
■ Unpack and install on a stable flat surface.

Note: Do not plug the copier until directed to do so.



■ Set up the main unit with following procedure

- ① Remove all shipping tape and styrofoam.
- ② Release the scanner/Remove shipping materials (See page 11)
- ③ Installation of the Toner Cartridge (See page 12)
- ④ Loading paper (See page 13)
- ⑤ Install the copier in an area that means or exceeds the minimum space requirement (see diagram below).



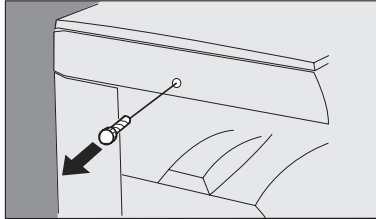
ATTENTION

- Use only the setup units/parts designated by Panasonic. If the copier should be damaged by using other setup units/parts, Panasonic will not bear any responsibility.
- Drum unit already comes installed in copier.

Release Scanner/Remove shipping materials

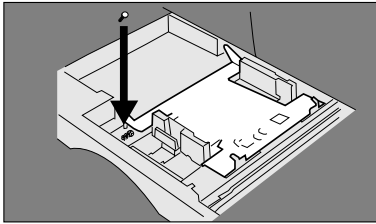
■ **Reminder: Do not plug the copier until directed to do so.**

1



Remove the fixing screw for the optics unit.

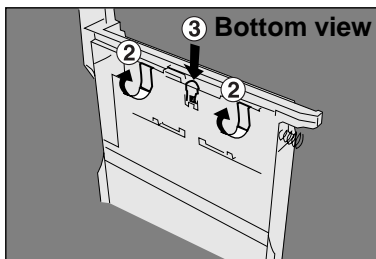
2



Pull paper tray out of copier and secure the screw to the bottom of the paper tray.

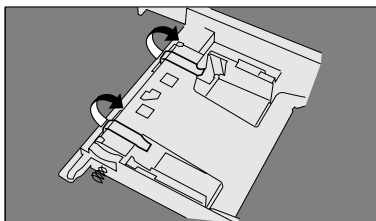
Note: When moving the copier reinstall the fixing screw.

3



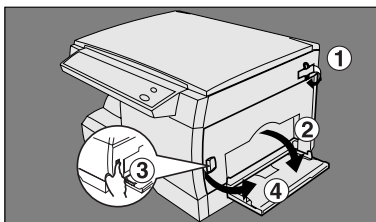
- ① Completely remove the paper tray from the copier.
- ② Release the shipping tapes (2 pieces) from the bottom.
- ③ Push the bottom plate lock button.

4



Remove the shipping tapes from the bottom plate. (2 pieces)

5



- ① Remove the shipping tape.
- ② Open the sheet bypass.
- ③ Push the button.
- ④ Open the right cover.

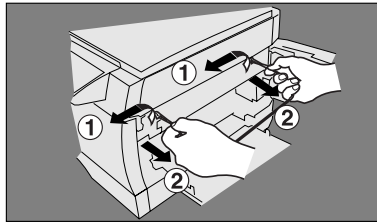
ATTENTION

- Do not plug in copier until set-up is complete.

Setup Procedure

Remove shipping materials/Install Toner Cartridge

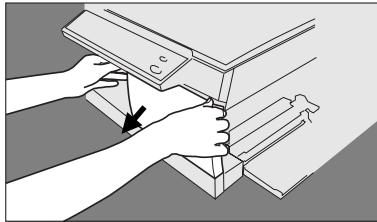
6



Remove the shipping material of fuser unit.

- ① Remove the tapes. (2 pieces)
- ② Pull out the shipping materials (white string with 2 blue stoppers) from the fuser unit.

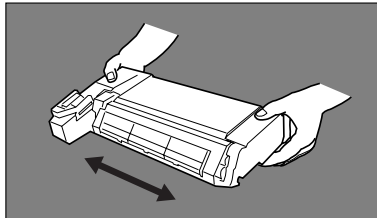
7



Open the front panel.

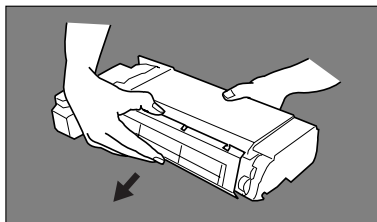
- Do not open the front panel first. It can not be opened unless you open the covers shown in procedure 5.

8

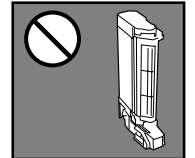
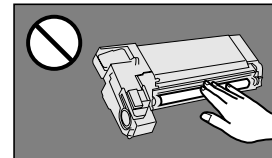


① Shake the toner cartridge several times.

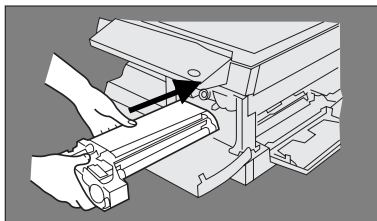
- ② Take off the toner cartridge cover (white plastic) and discard.



Do not touch the magnetic roller!
Do not stand the toner cartridge on end!

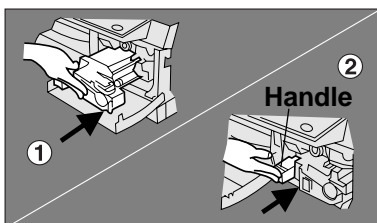


9



Install the toner cartridge.

10



- ① Push the toner cartridge until it stops.
- ② Push the green handle until it locks.
- ③ Close the front panel.
- ④ Close the right cover. (See page 7)
- ⑤ Close the sheet bypass.

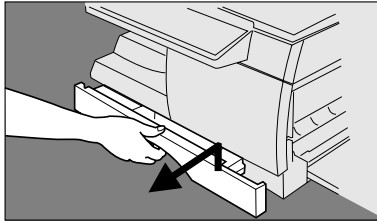
ATTENTION

- For optimum copy quality use the recommended Panasonic toner cartridge. Store toner cartridge in a cool dark place. Install toner cartridge immediately after unsealing.

Install paper

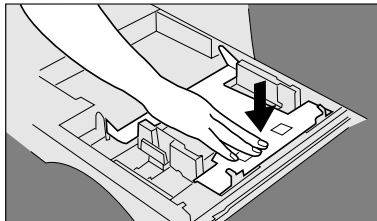
■ Push the paper tray into copier. Plug in the unit and turn on the power. When the Add Paper Indicator (📄) lights, install paper using the following procedure.

1



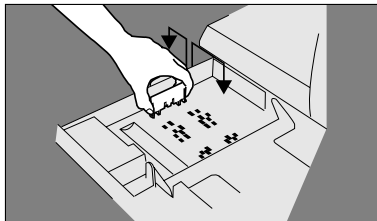
Lift slightly and pull paper tray out of copier until it stops.

2



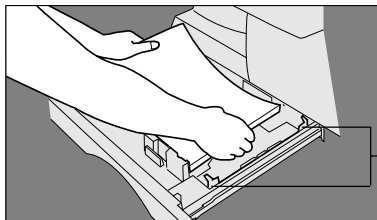
Push the bottom plate down until it locks.

3



Install the paper guide into the holes that correspond to the paper size you plan to load.

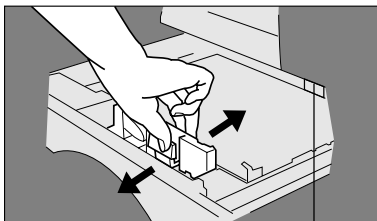
4



Place paper.
Up to 250 sheets.

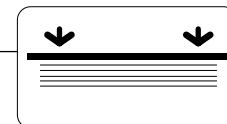


5



- ① Slide the paper guide (front) to the paper edge.
- ② Push the paper tray back into copier.

Overfill Indicator



← 1-sided copy

Set-up is completed. Now ready to make a copy.

ATTENTION

- When making 2-sided copies, use the sheet bypass.
- If the paper tray is not closed completely, the Add Paper Indicator in the control panel will light up. In that case, please close the paper tray completely.
- For changing paper size, see page 19.

Mode Functions

■ Energy Saver Mode/Auto Off Mode

Energy Saver Mode

- ① To enter this mode
Press Energy Saver key. The indicator will flash.
Automatically enters after 15 minutes from the last copy.
- ② To cancel this mode
Press Energy Saver key again.

Auto Off Mode

- ① Automatically enters after 30 minutes from the last copy.
Power consumption will drop and the Energy Saver key indicator will light.
- ② To cancel this mode.
Press Energy Saver key.

If you wish to change the above settings or if you need more information, call your Panasonic authorized dealer.

	Power Consumption	Warm Up Time
Normal Operation	Approximately 60 Wh	None
Energy Saver mode	Approximately 35 Wh	5 seconds
Auto Off Mode	Approximately 1.5 Wh	20 seconds

■ Toner Saver Mode

- ① To enter this mode.
Press and hold % Select key, then press Paper Tray key.
- ② To cancel this mode.
Press and hold % Select key, then press Paper Tray key.

This Toner Saving Mode is to save toner consumption by copying dark originals lighter. The exposure indicator "LIGHT" flashes when Toner Saving Mode is on.

■ Auto Start function

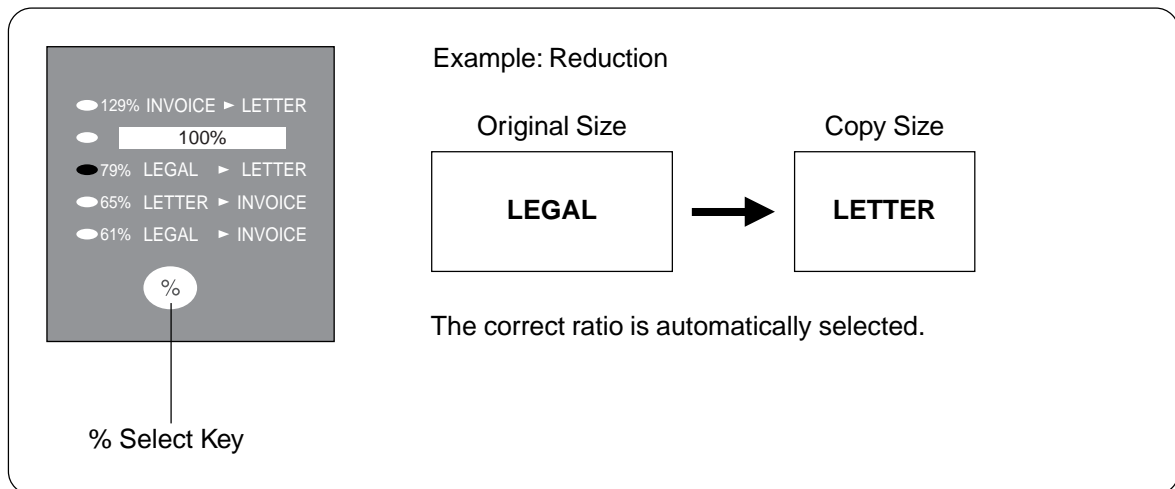
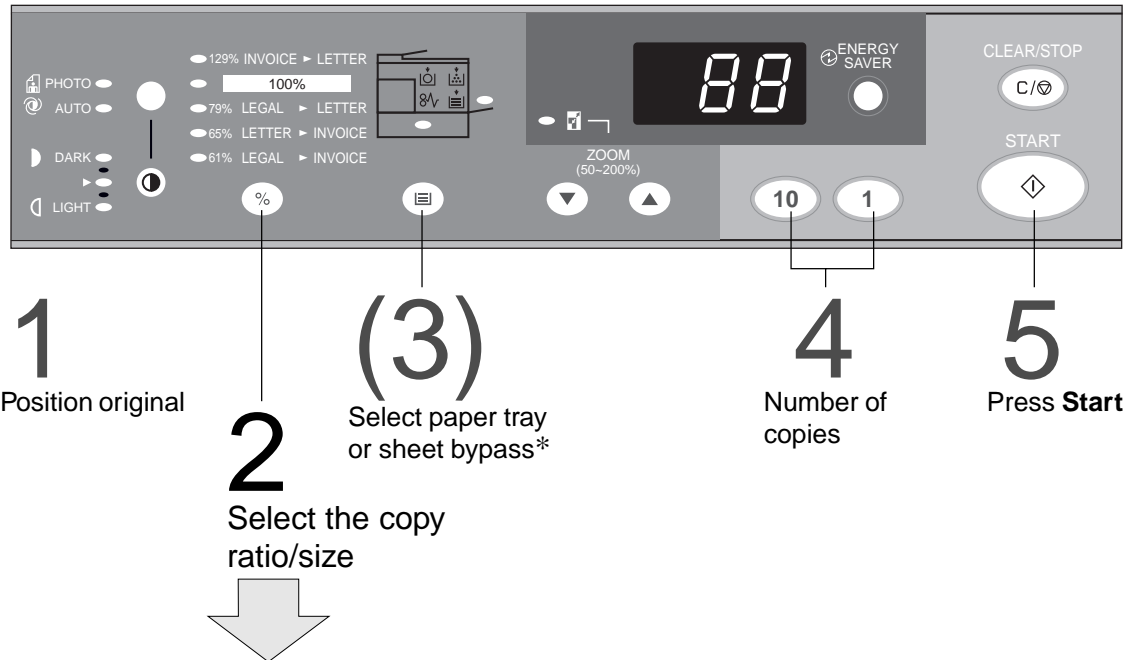
While the copier is warming up, you may position your original on the copier, enter your copy job selections and press the Start key. The Wait indicator (Start key) will flash until the warm up cycle is completed and the copy job will automatically start.

Note: Please enter your copy job, when "1" appears in the display.

Common Features

Reduction or Enlargement Copying

- There are 3 preset reduction and 1 preset enlargement modes.



* Usage of Paper Tray Key

When copy size is different from paper size of paper tray, select sheet bypass by pressing Paper Tray key and place the paper into the sheet bypass. (See page 17)

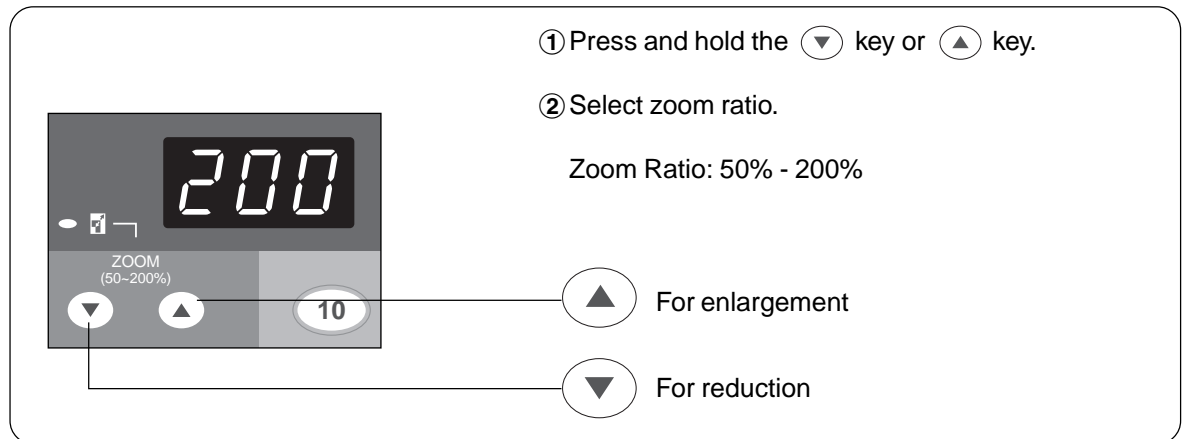
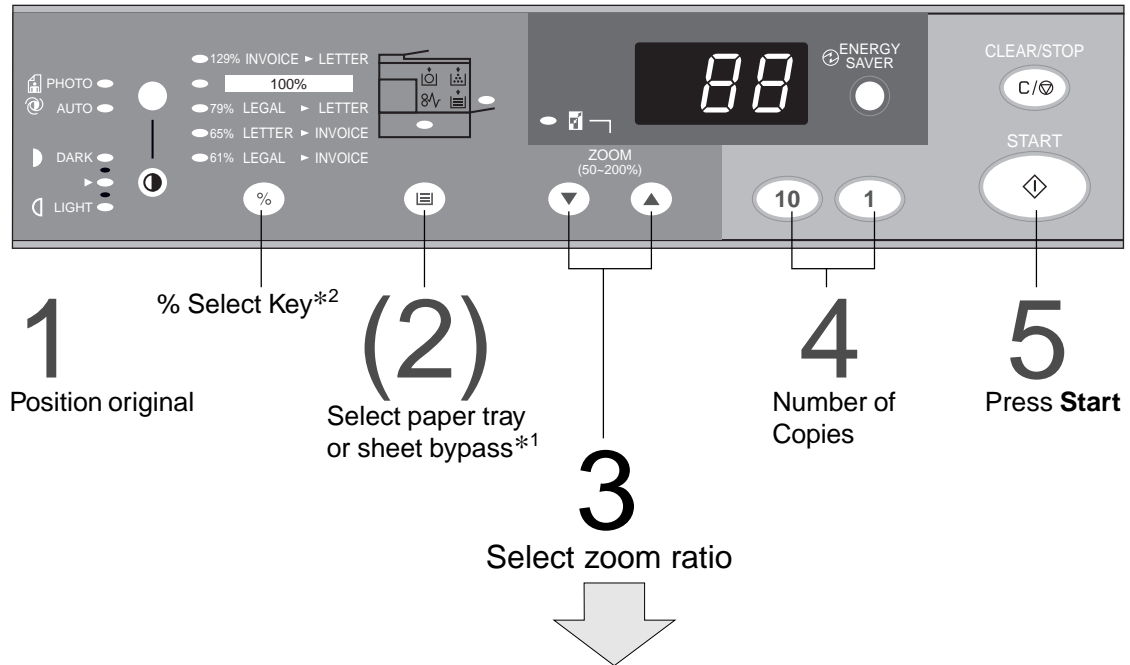
NOTE

- To change the paper size of the paper tray, see page 19.

Common Features

Zoom Copying

- A zoom ratio can be selected from 50% to 200% in 1% increments.



***1 Usage of Paper Tray Key**

When copy size is different from paper size of paper tray, select sheet bypass by pressing Paper Tray key and place the paper into the sheet bypass. (See page 17)

NOTE

- To change the paper size of the paper tray, see page 19.
- *2 Clear/Stop key has no function to reset the zoom ratio. To cancel the zoom ratio, please press , then the ratio will default back to full size (100%).

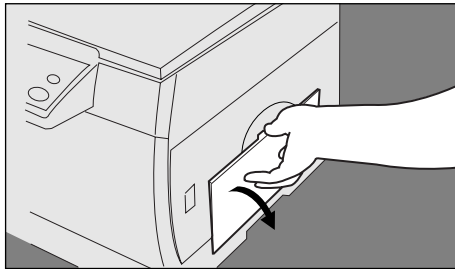
Using the Sheet Bypass

- For 2-sided copying or to copy on letterhead, mailing labels, transparencies and odd-size paper, etc., or to use the bypass as an additional paper source.

1

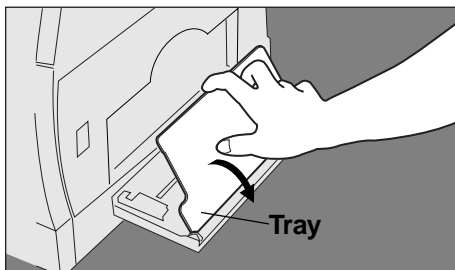
Position original.
Select copy ratio/size.
(See page 15, 16)

2



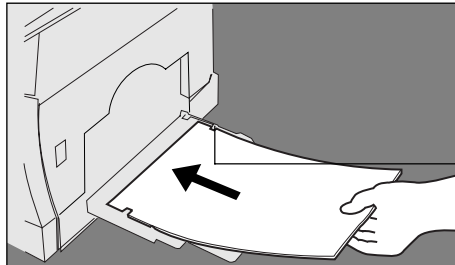
Open the sheet bypass.

3



Open the tray.

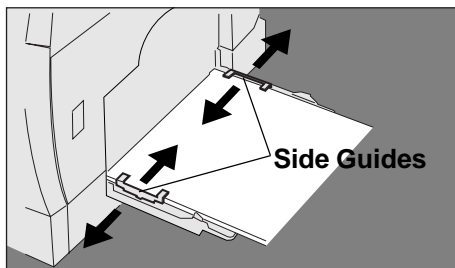
4



- ① Place paper into the tray. (Up to 50 sheets)
Insert the paper until it stops.



Copy side down for copying on letterhead paper and mailing labels.



- ② Adjust the side guides to paper width.
Incorrect adjustment may cause paper to wrinkle, misfeed or skew.

5

Select sheet bypass with Paper Tray key.

NOTE

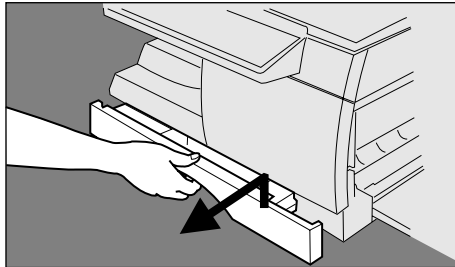
- When using 2-sided copies, do not set more than 25 (20 lbs.) sheets in bypass.
- Some types of mailing labels and transparency film may damage your machine. Contact your service provider for advice regarding non-standard paper types.
- When sheet bypass has no paper, "P" will appear on Copy Count Display.

Handling

Adding Paper

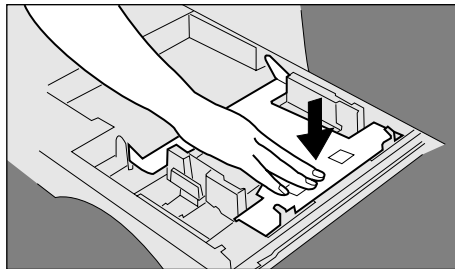
■ Use the following steps to add paper.

1



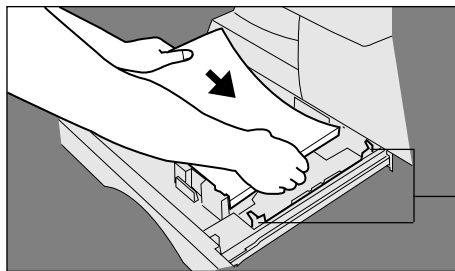
Lift paper tray and pull out of the copier until it stops.

2



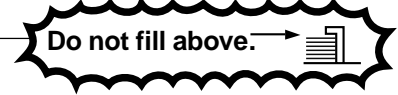
Push the bottom plate down until it locks.

3

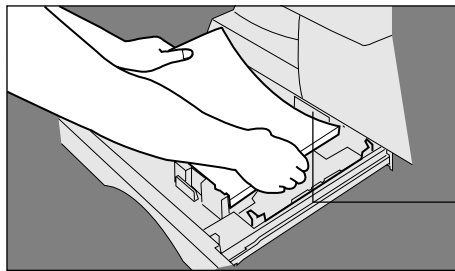


Place paper into paper tray.

How to place paper:
Place the paper copy side up.

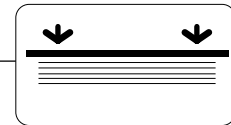


4



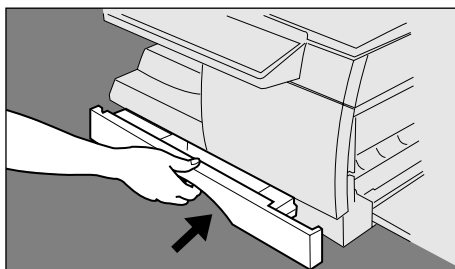
Make sure paper is not loaded above overfill indicator located in the paper tray.

Overfill Indicator



← 1-sided copy

5



Push paper tray back into copier.

NOTE

- Special papers, like glossy paper, mailing labels and transparencies cannot be used in the paper tray. Use bypass for special paper.
- When making 2-sided copies, use the sheet bypass.
- If the paper tray is not closed completely, the Add Paper Indicator in the control panel will light up. In that case, please close the paper tray completely.

Changing Paper Size

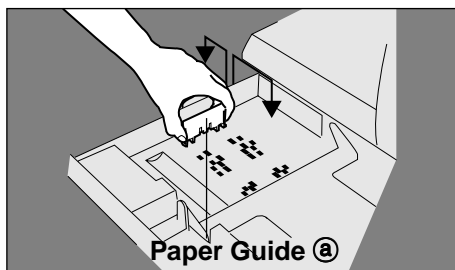
- The paper tray is designed to accommodate invoice, letter and legal size paper.

2 Check paper size (See table below)

Press and hold Paper Tray key, then continue to repeatedly press "1" key to scroll until the number in the display matches the paper size required. Use the chart on the right.

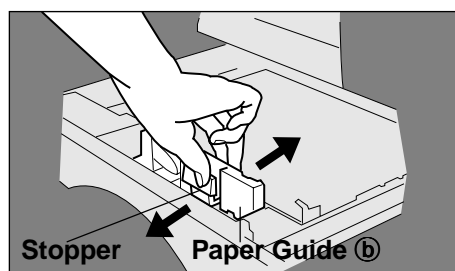
1: Letter
↓
2: Legal
↓
3: Invoice
↓
4: A4
↓
5: B5
↓
6: A5
↓
7: FLS1
↓
8: FLS2

3



- ① Lift paper tray and pull out of the copier until it stops.
- ② Move paper guide (a) to the paper length required.

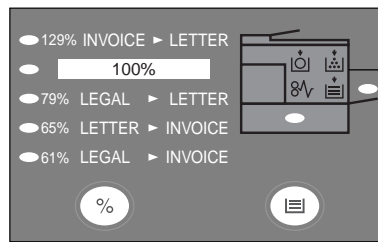
4



- ① Move paper guide (b) to the paper width required.
Squeeze the stopper to move the paper guide (b) to the desired paper size.
- ② Push paper tray back into copier.

Handling

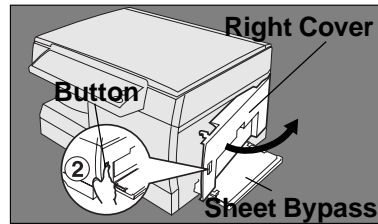
Changing Toner Cartridge



Change Toner Cartridge Indicator

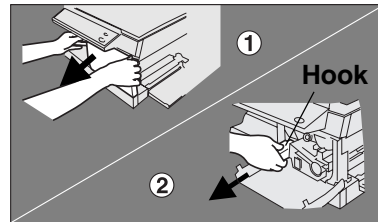
The cartridge will have to be changed shortly, when the indicator starts to flash. When it stops flashing and is fully illuminated, the cartridge must be replaced.

1



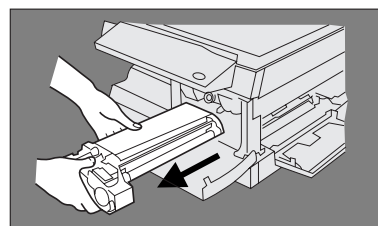
- ① Open the sheet bypass.
- ② Push the button.
- ③ Open the right cover.

2



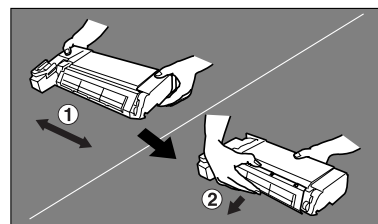
- ① Open the front panel.
Do not open the front panel first. It can not be opened unless you open the covers shown in procedure 1.
- ② Pull the green hook of toner cartridge.

3



Remove the toner cartridge.

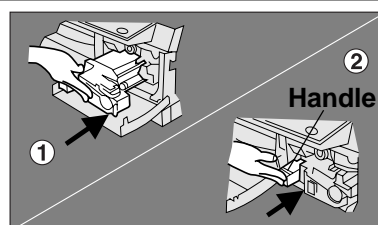
4



- ① Shake the toner cartridge several times.
- ② Take off the toner cartridge cover (white plastic) and discard.

**Do not stand the toner cartridge on end!
Do not touch the magnetic roller! (See page 12)**

5

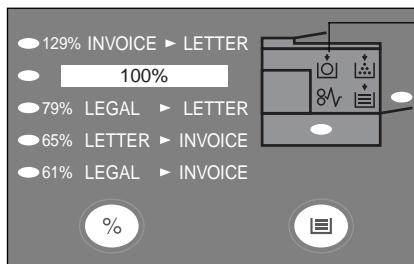


- ① Install new toner cartridge.
- ② Push the green handle until it locks.
- ③ Close the front panel.
- ④ Close the right cover. (See page 7)
- ⑤ Close the sheet bypass.

ATTENTION

- For optimum copy quality use the recommended Panasonic toner cartridge. Store toner cartridge in a cool dark place. Install toner cartridge immediately after unsealing.

Changing Drum Unit



Replacing Drum Unit Indicator

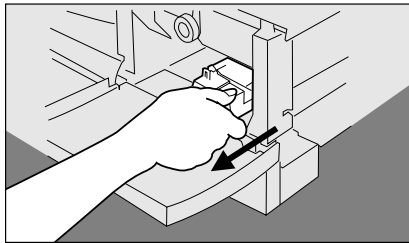
When the indicator flashes, change the drum unit.

1

- ① Open the sheet bypass.
- ② Push the button and open the right cover.
- ③ Open the front panel.
- ④ Remove the toner cartridge.

For detail procedure, see page 20.
(Procedure 1 to 3)

2

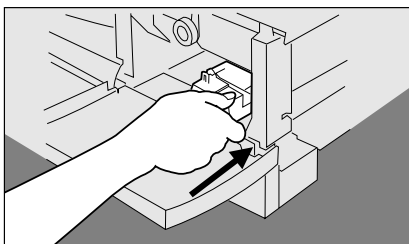


Remove the drum unit by pulling the handle with green label.

3

Take out the new drum unit from the plastic bag.

4



Replace new drum unit by aligning the arrows on the drum unit with those of the copier.

5

- ① Replace the toner cartridge.
(See page 20)
- ② Close the front panel.
- ③ Close the right cover. (See page 7)
- ④ Close the sheet bypass.

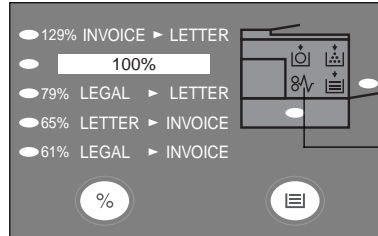
ATTENTION

- For optimum copy quality use the recommended Panasonic drum unit. Store drum unit in a cool dark place. Do not unseal drum unit before use. Use it as fast as possible after unsealing.
- Do not touch or scratch the surface of the drum.

Handling

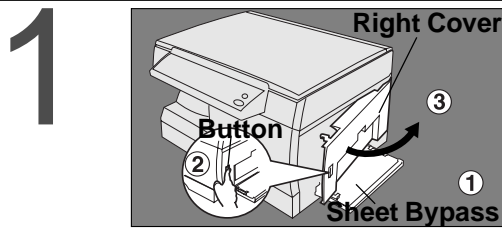
Removing a Paper Misfeed

■ Paper transport and paper entry areas

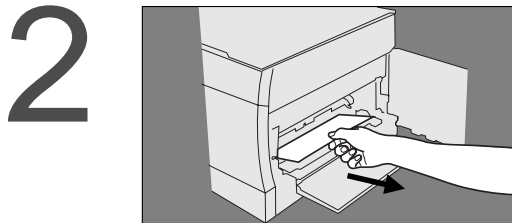


Paper Misfeed Indicator

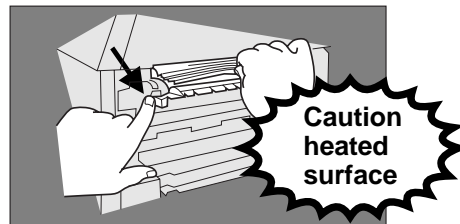
The indicator will light when paper misfeeds.



- ① Open the sheet bypass.
- ② Push the button.
- ③ Open the right cover.



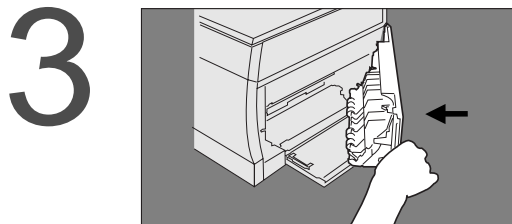
Remove misfed paper.



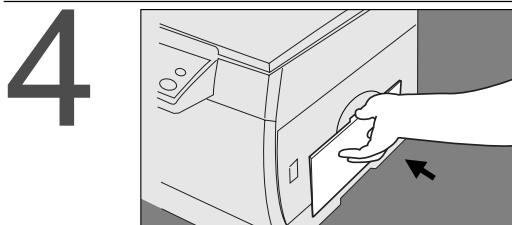
In case the jam is in fuser unit:

- ① Open the fuser cover.
- ② Remove misfed paper.

Caution: this fuser area will be hot.



Close the right cover.



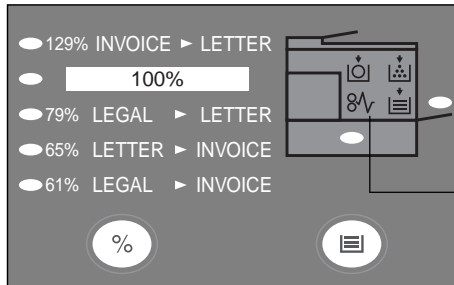
Close the sheet bypass.

ATTENTION

- Make sure that the misfeed indicator goes off after removing a paper misfeed. The misfeed indicator will not go off if the paper is still jammed in the copier. Check again and remove all misfed paper.
- Do not touch or scratch the surface of the drum.

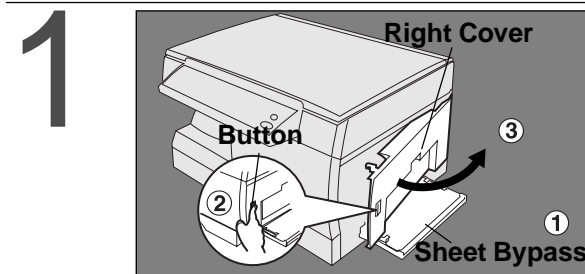
Removing a Paper Misfeed

■ Paper exit area

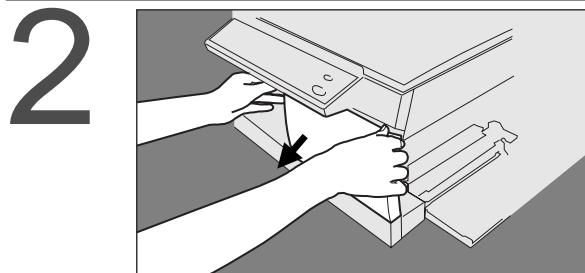


Paper Misfeed Indicator

The indicator will light when paper misfeeds.

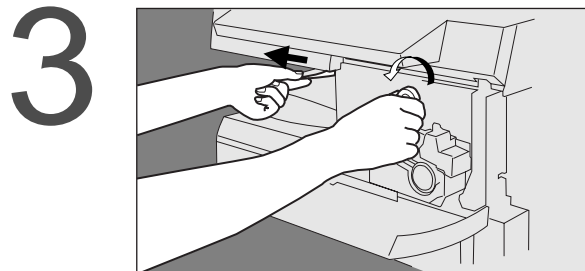


- ① Open the sheet bypass.
- ② Push the button.
- ③ Open the right cover.

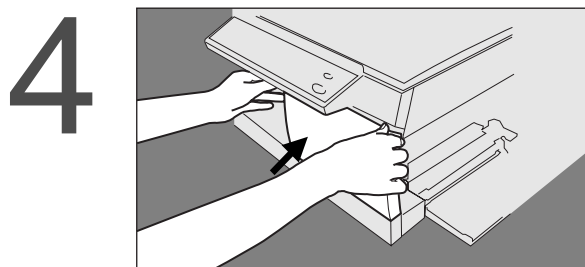


Open the front panel.

Do not open the front panel first. It can not be opened unless you open the covers shown at procedure 1.



- ① Turn the knob.
- ② Remove misfeed paper.











- ① Close the front panel.
- ② Close the right cover. (See page 7)
- ③ Close the sheet bypass.


ATTENTION

- Make sure that the misfeed indicator goes off after removing a paper misfeed. The misfeed indicator will not go off if the paper is still jammed in the copier. Check again and remove all misfed paper.

Troubleshooting

Check	Action
Unit does not operate	
Does the display light up? (See page 8, 9)	 Check if the Power Switch is turned on and if the power plug is inserted into the outlet.
Is Energy Saver key flashing? Is display turned OFF? (See page 14)	 Press Energy Saver key on control panel.
Does the Add Paper Indicator appear on display? (Ⓜ)	 Add paper. (See page 18) Or check if the paper tray is closed completely.
Does the Paper Misfeed Indicator appear on display? (Ⓜ)	 Remove misfed paper. (See page 22, 23)
Does "U1" appear in the copy count display?	 Right cover is open. Please close it.
Does "P##" appear in the copy count display? Note: "##" in the display means how many copies are left to copy.	 Copying is interrupted due to one of the following conditions. 1. Paper Add paper to the paper tray when Paper Misfeed Indicator is lighting. 2. Toner Cartridge Change toner cartridge when the indicator of Change Toner Cartridge is flashing. 3. Paper Jam Remove misfed paper when Paper Misfeed Indicator is lighting.
Does any of the E## indicator and message appear on display?	 Turn copier power switch off, then back on. If error code comes back again, call your Panasonic authorized dealer.

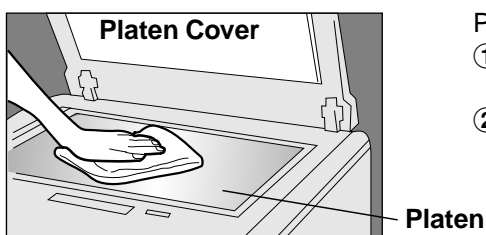
Blank Copies	
Copies come out in blank.	 Check if the toner cartridge is installed.

Check	Action
Copies are marked	
Is the copier platen glass or platen cover dirty?	➔ Clean the glass or platen cover. (See below)
Copies are light	
Does the exposure indicator say "light"?	➔ Touch Auto/Photo Select key to choose the auto mode. (See page 2)
Does the add toner indicator appear?	➔ Change toner cartridge. (See page 20)
Is the exposure indicator "Light" flashing?	➔ Press % Select key and Paper Tray key and cancel the toner saver mode.
Dirty Copy	
Line images in the copy.	➔ Need to clean corona. (See page 26)
Light image on the front side of copier	
Copy Image Sample	
	Image towards the front side of copier is light.
➔ Direction of paper exit	➔ Push the green handle of the toner cartridge to right.

■ If the measures outlined above do not solve the problem, call your Service provider.

■ Cleaning

As a rule, clean weekly.



Platen/Platen Cover

- ① Wipe marks off with cloth and neutral detergent.
- ② Wipe again with dry cloth.

Troubleshooting

Cleaning corona

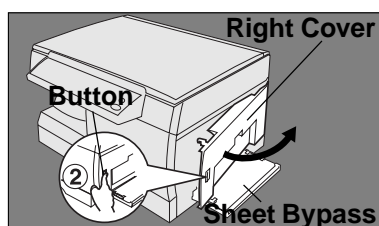
■ When copies become unclear, clean the corona by following procedure.



(Sample)

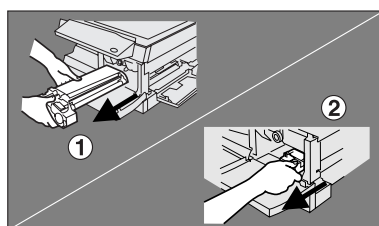
Line images in the copy.

1



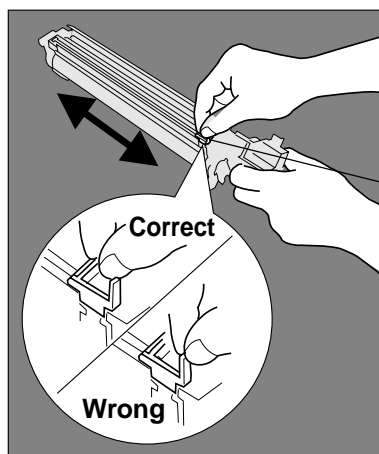
- ① Open the sheet bypass.
- ② Push the button.
- ③ Open the right cover.
- ④ Open the front panel.
- ⑤ Pull the green hook of toner cartridge.

2



- ① Remove the toner cartridge.
- ② Remove the drum unit by pulling the handle with green label.

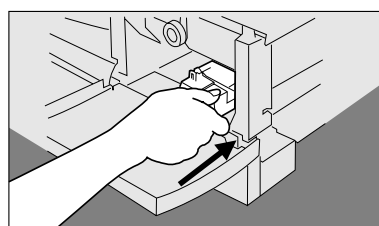
3



Corona Cleaner
(Original Position)

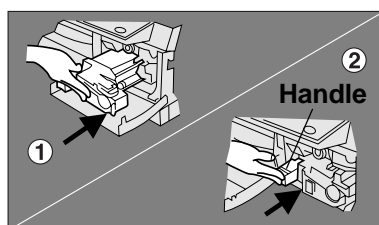
- ① Slide corona cleaner (green) back and forth one or two times.
- ② Put the corona cleaner to original position.

4



Reinstall the drum unit.

5



- ① Reinstall the toner cartridge.
- ② Push the green handle until it locks.
- ③ Close the front panel.
- ④ Close the right cover. (See page 7)
- ⑤ Close the sheet bypass.

Specifications/Consumables List

■ Specifications

Type:	Desk Top
Copy/Print Process:	Laser/Electrostatic photographic method
Process:	Ultra Magnefine™ Toner
Resolution:	Max. 600 dpi
Multi-Copy Speed:	13 letter size copies per minute (DP-130/135) 15 letter size copies per minute (DP-150)
Maximum Original Size:	8.5" × 14" (Legal size) Void area: max. 5.0 mm
Copy Size:	Legal - Invoice via paper tray Legal - Invoice via sheet bypass
Reduction Ratios:	Preset: 79%, 65%, 61% Variable: from 99% to 50% in 1% increments
Enlargement Ratios:	Preset: 129% Variable: from 101% to 200% in 1% increments
Paper Feed:	250 sheet paper tray plus 50 sheet bypass
Quantity Selector:	1 - 99, Automatic Repeat, Automatic Reset to 1
Paper Weight:	16 - 24 lbs. (Paper tray) 15 - 34 lbs. (Sheet bypass)
Exposure Control:	Automatic/Manual plus Photo Mode
Dimensions (W)(D)(H):	19.5" (W) × 17.2" (D) × 10.7" (H)
Weight:	41 lbs
Electrical Requirement:	AC 120V, 50/60Hz, 8A

Specifications are subject to change without notice.

■ Consumables List

When ordering consumables, please use the correct part number as listed below.

Consumable Name	Part Number	Yield
Toner Cartridge	DQ-UG15A	Approx. 5,000 sheets*
Drum Unit	DQ-UH32A	Approx. 30,000 sheets

* Based on copying onto letter-size 6% image original.

Note: To see total count of copies, press and hold % Select key, then press CLEAR/STOP key.

U.S.A. only

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IMPORTANT INFORMATION

When requesting information, supplies or service always refer to the model and serial number of your machine. The model and serial number plate (Main Name Plate) is located on the rear side of machine. For your convenience, space is provided below to record information you may need in the future.

Model No.

Serial No.

Date of Purchase

Dealer

Address

Telephone Number

()

Supplies Telephone Number

()

Service Telephone Number

()

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Secaucus, New Jersey 07094

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