DocuPrint CP215 Series

User Guide

FUJI XEROX

In this manual, safety instructions are preceded by the symbol ⚠. Always read and follow the instructions before performing the required procedures.

It may be a legal offence to print currency notes, certificates of stocks and securities, or any other documents of similar nature, regardless of whether they will be used.

Fuji Xerox is not responsible for any breakdown of machines due to infection of computer virus or computer hacking.

Preface

Thank you for purchasing the DocuPrint CP215 series.

This guide is intended for users who use the printer for the first time, and provides all the necessary operating information about the printer function.

Please read this guide to achieve the best performance from this printer.

This guide assumes you are familiar with computers and the basics of network operation and configuration.

After reading this guide, keep it safe and handy for future reference.

Fuji Xerox Co., Ltd.

Contents

Types of Manuals

Paper Manuals

Safety Guide	Describes the information you need to know before using the printer and to operate the printer safely.
Setup Guide	Provides step-by-step instructions on how to set up your printer.
Operator Panel Guide	Describes the icons assigned to the buttons or indicators on the operator panel.

Manuals Included on the Software Pack CD-ROM

User Guide (this guide)	Describes how to get ready to print and set various features. It also covers the operator panel menus, troubleshooting tips, and maintenance information.
Troubleshooting Guide	Describes the troubleshooting tips for printer problems such as paper jams. This guide can be opened from the Launcher.
Product Features	Describes the product features. This guide can be opened from the installer.
Show Me How	Describes the error recovery procedures for the printer. This can be opened from the SimpleMonitor.

Using This Guide

This section describes the organization and conventions of this manual.

■ Organization

This guide is organized into the following chapters. The summary of each chapter is as follows:

■ Conventions

- In this guide, personal computers and workstations are collectively called "computers".
- The following terms are used throughout this guide:

  IMPORTANT:
  - Important information that must be read and followed.

  NOTE:
  - Additional information that merits emphasis.

  See also:
  - References within this guide.

- Orientation of documents or paper is described in this guide as follows:

  ⬜, ⬜, Long Edge Feed (LEF): Loading the document or paper in landscape orientation.

  ⬜, ⬜, Short Edge Feed (SEF): Loading the document or paper in portrait orientation.
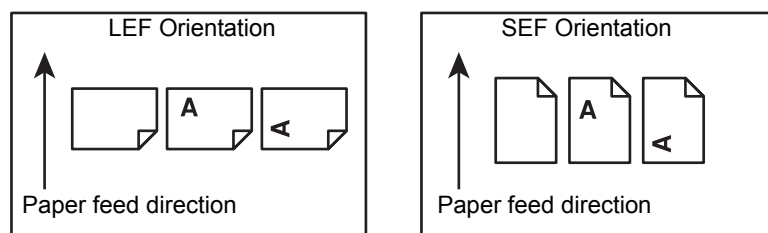
- The screen shots and illustrations in this guide are those of the DocuPrint CP215 w unless there is a note. Some of the items in the screen shots and illustrations may not be displayed or available depending on your printer model.
- Some features are not available on some models.

Safety Notes

Before using this product, read "Safety Notes" carefully for safety use.

This product and recommended supplies have been tested and found to comply with strict safety requirements including safety agency approvals and compliance with environmental standards. Follow the following instructions for safety use.

⚠️ **WARNING:**

• **Any unauthorized alteration including an addition of new functions or connection to external devices may not be covered by the product warranty. Contact your local Fuji Xerox representative for more information.**

Follow all warning instructions marked on this product. The warning marks stand for the followings:

⚠ **DANGER**	Used for item that if not followed strictly, can lead death or severe or fatal injuries and the possibility to do it is comparatively high.
⚠ **WARNING**	Used for items that if not followed strictly, can lead to severe or fatal injuries.
⚠ **CAUTION**	Used for items that if not followed strictly, can cause injuries to user or damages to machine.

⚠ : A symbol for items to pay attention to when handling machine.
Follow instructions carefully to use machine safely.

Caution	Flammable	Explodable	Electric shock	Heated surface	Moving object	Pinched fingers

🚫 : A symbol for prohibited items. Follow instructions carefully to avoid any dangerous acts.

Prohibited	No fire	Do not touch	Do not use in bathroom	Do not tear down	Keep away from wet	Never touch with wet hand

● : A symbol for items that must be performed. Follow instructions carefully to carry out these essential tasks.

Instructions	Unplug	Ground/Earth

■Electrical Safety

⚠ WARNING

This product shall be operated by the power source as indicated on the product's data plate. Consult your local power company to check if your power source meets the requirements.

	WARNING: • **Connect this product to a protective earth circuit.** This product is supplied with a plug that has a protective earth pin. The plug fits only into an earthed electrical outlet. This is a safety feature. If the plug doesn't fit to the outlet, contact an electrician to replace the outlet to avoid risk of electric shock. Never use an earthed adapter plug to connect the product to the electrical outlet that has no earth connection terminal. Improper connection of a grounding conductor may cause electric shock.
	Plug the power cord directly into a grounded electrical outlet. To prevent overheat and a fire accident, do not use an extension cord, a multi-plug adaptor or a multiple connector. Consult your local Fuji Xerox representative to check if an outlet is grounded.
	Connect this product to a branch circuit or an outlet that has larger capacity than the rated ampere and voltage of this product. See the data plate on the rear panel of this product for its rated ampere and voltage.
	Never touch the power cord with wet hands. It may cause electric shock.
	Do not put an object on the power cord.
	Always keep the plug connection free of dust. The dusty and damp environment may bring about minute electric current in a connector. It may generate heat and eventually cause a fire accident.
	To avoid the risk of electric shock and a fire accident, only use the power cord supplied with this product or the ones designated by Fuji Xerox. The power cord is exclusive use for this product. Do not use it for any other product. Do not damage or alter the power cord. Damage and alteration may generate heat and eventually cause electric shock or a fire accident. If the power cord is damaged or insulated wires are exposed, contact your local Fuji Xerox representative for its replacement. Do not use a damaged or uninsulated cord to avoid the risk of electric shock and a fire accident.

⚠ CAUTION

	When cleaning this product, always switch off and unplug it. Access to a live machine interior may cause electric shock.
	Do not unplug or re-plug this product with the switch on. Plugging and unplugging a live connector may deform the plug and generate heat, and eventually cause a fire accident.
	Hold the plug not the cord when unplugging this product, or it may damage the cord and cause electric shock or a fire accident.

Always switch off and unplug the machine when it is not used over weekends or long holidays. It may cause deterioration of insulations and eventually electric shock or a fire accident.

Once a month, switch off this product and check if
- the power cord is plugged firmly into an electrical outlet;
- the plug is not excessively heated, rusted or bent;
- the plug and electrical outlet are free of dust; and
- the power cord is not cracked or worn down.

Once you notice any unusual condition, switch off and unplug this product first and contact your local Fuji Xerox representative.

■ Machine Installation

⚠ WARNING

🛆	Do not locate this product where people might step on or trip over the power cord. Friction or excessive pressure may generate heat and eventually cause electric shock or a fire accident.

⚠ CAUTION

🚫	Never locate this product in the following places: • Near radiators or any other heat sources • Near volatile flammable materials such as curtains • In the hot, humid, dusty or poorly ventilated environment • In the place receiving direct sunlight • Near cookers or humidifiers
🛆	Locate this product on a level and sturdy surface that can withstand a weight of 10.55 Kg. Otherwise, if tilted, the product may fall over and cause injuries.
🛆	Locate this product in a well-ventilated area. Do not obstruct ventilation openings of the product. Keep the minimum clearance as follows for ventilation and an access to the power plug. Unplug the product if an abnormal condition is noted.
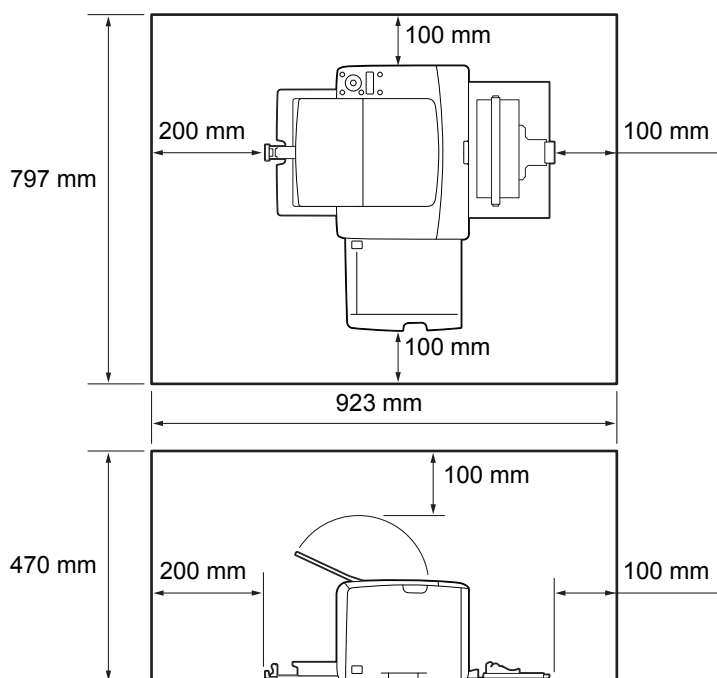
Do not incline the product at more than 10 degree angle. Otherwise, it may fall over and cause injuries.

Left ⬜ Right Left ⬜ Right
10° 10°

Front ⬜ Back Front ⬜ Back
10° 10°
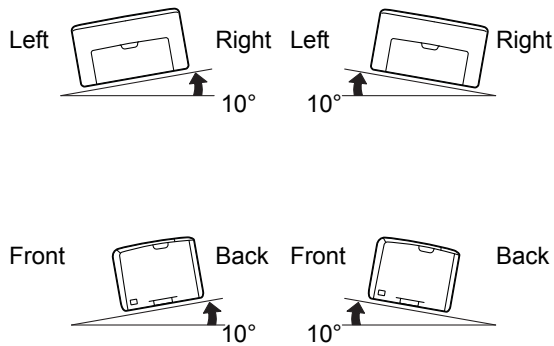
To bundle wires and cables, always use the cable ties and spiral tubes that Fuji Xerox supplies. Otherwise, it may cause some defects.

Others

To keep this product in a good performance and condition, always use it in the following environment:

- Temperature: 10 – 32 °C
- Humidity: 10 – 85%

When the product is left in a chilly room and the room is rapidly warmed up by heater, dew condensation may form inside the product and cause a partial deletion on printing.

■ Operational Safety

⚠ WARNING

🚫	The operator's product maintenance procedures are described in the customer documentation supplied with this product. Do not carry out any other maintenance procedures not described in the documentation.
🚫	This product features safety design not to allow operators access to hazard areas. The hazard areas are isolated from operators by covers or protectors which require a tool to remove. To prevent electric shock and injuries, never remove those covers and protectors.
🔌	To avoid the risk of electric shock and a fire accident, switch off and unplug the product promptly in the following conditions, then contact your local Fuji Xerox representative. • The product emits smoke or its surface is unusually hot. • The product emits unusual noise or odor. • The power cord is cracked or worn down. • A circuit breaker, fuse or any other safety device becomes activated. • Any liquid is spilled into the product. • The product is soaked in water. • Any part of the product is damaged.
🚫	Do not insert any object into slots or openings of this product. Do not put any of the followings on the product: • Liquid container such as flower vases or coffee cups • Metal parts such as staples or clips • Heavy objects If liquid is spilled over or metal parts are slipped into the product, it may cause electric shock or a fire accident.
🚫	Do not use conductive paper such as origami paper, carbonic paper or conductively-coated paper. When paper jam occurs, it may cause short-circuit and eventually a fire accident.
🚫	When cleaning this product, use the designated cleaning materials exclusive to it. Other cleaning materials may result in poor performance of the product. Never use aerosol cleaners to avoid catching fire and explosion.
🚫	Never play the CD-ROM supplied with the product on an audio player. Always use a CD-ROM player. Otherwise, large sound may damage audio players or your ears.

⚠ CAUTION

❗	Always follow all warning instructions marked on or supplied with this product. To avoid the risk of burn injuries and electric shock, never touch the area with the "High Temperature" or "High Voltage" marks on.
🚫	Keep electrical and mechanical safety interlocks active. Keep the safety interlocks away from magnetic materials. Magnetic materials may accidentally activate the product and cause injuries or electric shock.

	Do not attempt to remove a paper deeply jammed inside the product, particularly a paper wrapped around the fusing unit or the heat roller. Otherwise, it may cause injuries or burns. Switch off the product immediately and contact your local Fuji Xerox representative.
	Ventilate well during extended operation or mass copying. It may affect the office air environment due to odor such as ozone in a poorly ventilated room. Provide proper ventilation to ensure the comfortable and safe environment.

■ Consumable

⚠ WARNING

🛈	Store all consumables in accordance with the instructions given on its package or container.
🛈	Never use a vacuum cleaner for spilled toner and residual toner in this product, toner cartridge or toner bottle. It may catch fire by electric sparks inside a vacuum cleaner and cause explosion. Use a broom or a wet cloth to wipe off the spills. If you spill a large volume of toner, contact your local Fuji Xerox representative.
🚫	Never throw a toner cartridge into an open flame. Remaining toner in the cartridge may catch fire and cause burn injuries or explosion. If you have a used toner cartridge no longer needed, contact your local Fuji Xerox representative for its disposal.

⚠ CAUTION

🛈	Keep drum cartridges (or drum if not a cartridge type) and toner cartridges out of the reach of children. If a child accidentally swallows toner, spit it out, rinse mouth with water, drink water and consult a physician immediately.
🛈	When replacing drum cartridges (or drum if not a cartridge type) and toner cartridges, be careful not to spill the toner. In case of any toner spills, avoid contact with clothes, skin, eyes and mouth as well as inhalation.
🛈	If toner spills onto your skin or clothing, wash it off with soap and water. If you get toner particles in the eyes, wash it out with plenty of water for at least 15 minutes until irritation is gone. Consult a physician if necessary. If you inhale toner particles, move to a fresh air location and rinse your mouth with water. If you swallow toner, spit it out, rinse your mouth with water, drink plenty of water and consult a physician immediately.

■ Warning and Caution Labels

Always follow all warning instructions marked on or supplied with this product.

To avoid the risk of burn injuries and electric shock, never touch the area with the "High Temperature" or "High Voltage" marks on.
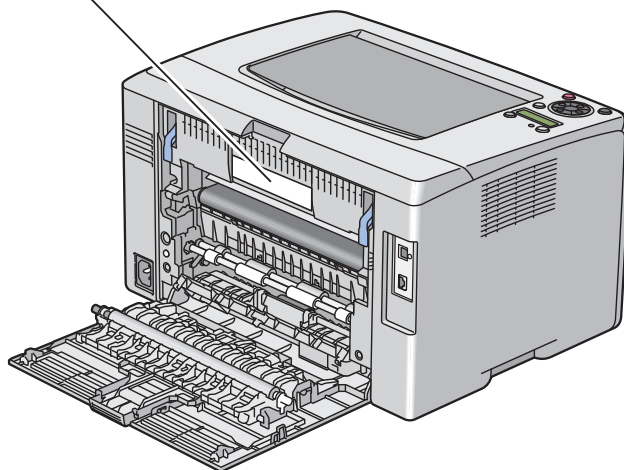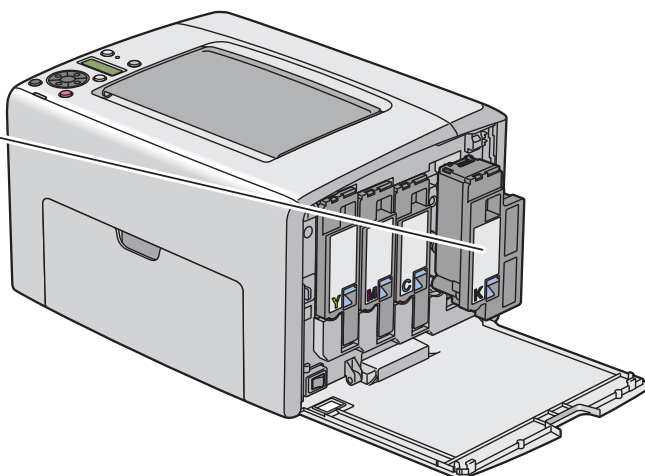
The illustrations show the DocuPrint CP215 w.

Environment

- For environmental protection and efficient use of resources, Fuji Xerox reuses returned toner cartridges and drums (photoreceptors) to make recycle parts, recycle materials or energy recovery.

- Proper disposal is required for toner cartridges no longer needed. Do not open toner cartridges. Return them to your local Fuji Xerox representative.

Regulation

■ Radio Frequency Emissions (Class B)

This product has been tested and found to comply with the limits for a Class B digital device, pursuant to the International Standard for Electromagnetic Interference (CISPR Publ. 22) and Radiocommunications Act 1992 in Australia/New Zealand. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This product generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this product does cause harmful interference to radio or television reception, which can be determined by turning this product off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between this product and the receiver.
- Connect this product into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes and modifications to this product not specifically approved by Fuji Xerox may void the user's authority to operate this product.

■ Product Safety Certification (UL, CB)

This product is certified by the following agency using the safety standards listed.

Agency	Standard
TUV-Rh	IEC60950-1:ed. 2

Illegal Copies and Printouts

Copying or printing certain documents may be illegal in your country. Penalties of fines or imprisonment may be imposed on those found guilty. The following are examples of items that may be illegal to copy or print in your country.

- Currency
- Banknotes and checks
- Bank and government bonds and securities
- Passports and identification cards
- Copyright material or trademarks without the consent of the owner
- Postage stamps and other negotiable instruments

This list is not inclusive and no liability is assumed for either its completeness or accuracy. In case of doubt, contact your legal counsel.

Security Precautions for Using Wireless LAN Products

One of the advantages of wireless LAN is that connections are possible anywhere within the range of the radio waves. This is possible because instead of cables, wireless LAN uses radio waves to connect computers and wireless access points.

On the other hand, the radio waves get through obstructions (such as walls) within the range to reach every place, so the following problems may occur if security is not set up.

• Transmissions Can Be Accessed Covertly

It is possible for criminal outsiders to intentionally intercept the transmissions to covertly access the information in the transmissions.

- IDs, passwords, credit card numbers, and other personal information
- Content of mail

• Unauthorized Access

Criminal outsiders may access private or company networks without authorization to do the following.

- Steal personal or secret information (information leak)
- Impersonate someone and send false information (impersonation)
- Alter intercepted transmissions and distribute them (falsification)
- Infect computers with a virus to destroy data or systems (vandalism)

You can reduce the possibility of these problems by doing the setting up security for your wireless LAN product.

Wireless LAN cards and wireless access points conventionally have security arrangements to prevent these types of problems.

We recommend that customers fully understand the problem of using the product without security and that they determine to and take the responsibility for setting up security for their product.

Product Features

This chapter describes the product features and indicates their links.

2-Sided Print (Manual)
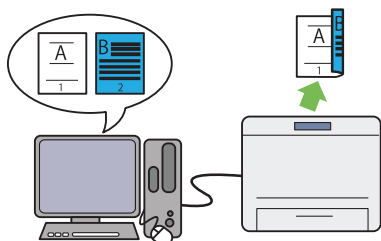
The 2-Sided Print feature allows you to print two or more pages on the front and back sides of a single sheet of paper manually. This feature helps reduce paper consumption.

For more information, see "Manual Duplex Printing" on page 127.

Multiple-Up Print
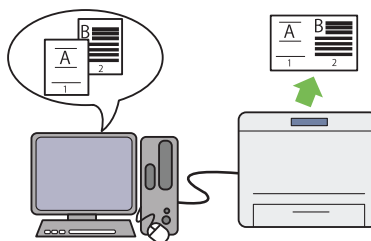
The Pages Per Sheet (N-Up) feature allows you to print multiple pages on a single sheet of paper. This feature helps reduce paper consumption.

For more information, see the print driver's Help.

Printing Through Wireless Connection (Wireless Print) (DocuPrint CP215 w Only)
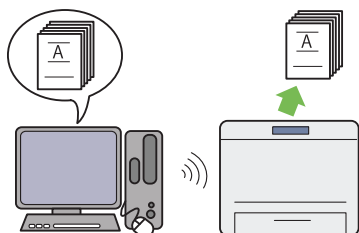
The Wireless LAN feature on your printer allows you to install the printer at any location, and enables printing without a wired connection to your computer.

The Wireless LAN feature is unavailable depending on the region you purchased.

For more information, see "Wireless Connection (DocuPrint CP215 w Only)" on page 56.

Priority Sheet Inserter
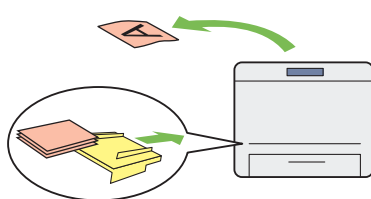
Print media loaded on the priority sheet inserter is given precedence over those loaded on the multipurpose feeder. Using the priority sheet inserter allows you to use other types or sizes of print media preferentially over the regular print media loaded on the multipurpose feeder.

For more information, see "Loading Print Media in the Priority Sheet Inserter" on page 121.

Fuji Xerox Imaging Technology

Conventional technology

600 dpi

Jagged line

Enhanced image

2,400 dpi
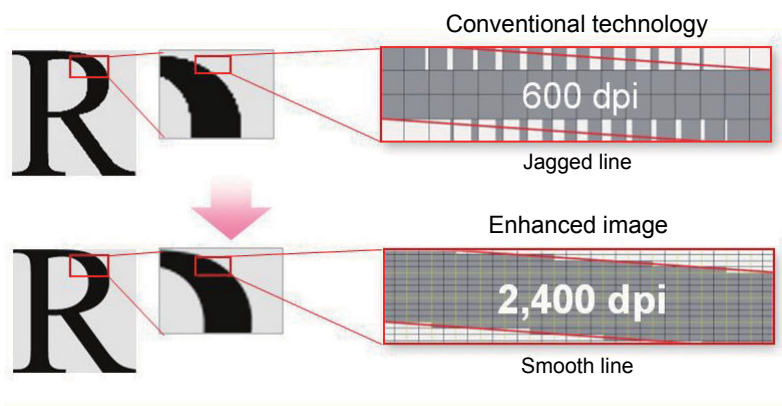
Smooth line

This printer reproduces smooth lines and gradations by 1200 x 2400 dpi high-resolution LED print heads, Image Enhancement (IE) Technology, and Micro Accurate Control Screen (MACS) Technology.

In addition, the color registration of each toner is corrected with ultra high precision through a digital process by Image Registration Control Technology (IReCT).

1

Specifications

This chapter lists the main specifications of the printer. Note that the specifications of the product may change without prior notice.

Items	Description
Product Code	DocuPrint CP215 220V: TL300787
	DocuPrint CP215 w 220V: TL300788
	DocuPrint CP215 w 110V: TL300789
	DocuPrint CP215 w 220V: TL300790
	DocuPrint CP215 w 220V: TL300791
	DocuPrint CP215 w 220V: TL300792
Type	Desktop
Printing method	LED Xerography **IMPORTANT:** • LED + LED electrophotographic system
Fusing system	Thermal fusing system using a belt
Warm-up Time	Less than 25 seconds (after powering on at 22 °C temperature)
Continuous print speed[1]	A4 ⃞: When plain paper fed is from the multipurpose feeder Color 1 Sided[2]: 12 sheets/min Monochrome 1 Sided: 15 sheets/min **IMPORTANT:** *1 Print speed may decrease due to factors such as paper type, paper size, and printing conditions. *2 When continuously printing a single document of A4 ⃞.
First print	Color 27 seconds (A4 ⃞/Fed from the multipurpose feeder) Monochrome 22 seconds (A4 ⃞/Fed from the multipurpose feeder) **IMPORTANT:** • Measurements based on Fuji Xerox test pattern. Time from printer startup until output of the first page is complete. Except the time when the printer controller receives or processes the print data.

Resolution	Data Processing Resolution:
	  600 × 600 dpi
	Output Resolution:
	  1200 × 2400 dpi

Tone/Color	256 tones/color (16.7 million colors)

Items	Description
Paper Size	Multipurpose feeder:
	A4, B5, A5, Legal (8.5 × 14"), Folio (8.5 × 13"), Letter (8.5 × 11"), Executive, #10 Env, Monarch, DL, C5, Postcard (100 × 148 mm), Postcard (148 × 200 mm), Yougata 2, Yougata 3, Yougata 4, Younaga 3, Nagagata 3, Custom Size (Width: 76.2 – 215.9 mm, Length: 127 – 355.6 mm)
	Priority sheet inserter:
	A4, B5, A5, Legal (8.5 × 14"), Folio (8.5 × 13"), Letter (8.5 × 11"), Executive, #10 Env, Monarch, DL, C5, Postcard (148 × 200 mm), Yougata 4, Younaga 3, Nagagata 3, Custom Size (Width: 76.2 – 215.9 mm, Length: 190.5 – 355.6 mm)
	Image loss: 4.1 mm from the top, bottom, left, and right edges
Paper Type	Plain, Bond, Lightweight Cardstock, Japanese Glossy Cardstock, Lightweight Glossy Cardstock, Recycled, Labels, Envelope, Postcard, Letterhead, Pre-Printed, Hole Punched, Colored, Special, Custom Type
	IMPORTANT:
	• Fuji Xerox P paper (64 gsm)
	• Use only the recommended paper. Using paper other than that recommended for the printer can cause printing problems. Do not use special ink jet paper.
	• Note that poor printing quality due to paper-related printing problems can occur when using the printer in an environment that is dry, cold, or very humid.
	• Printing over the printed side or on the reverse side of paper that already has been printed on can result in poor print quality.
	• When printing on envelopes, use envelopes that do not have adhesive applied.
	• The type of paper being used and environmental conditions can affect printing quality. Because of this, it is recommended that you test print and confirm proper print quality before using the printer.
Paper capacity	Standard:
	Multipurpose feeder: 150 sheets; Priority sheet inserter: 10 sheets
	IMPORTANT:
	• Fuji Xerox P paper (64 gsm)
Output tray capacity	Standard: approximately 100 sheets (face down)
	IMPORTANT:
	• Fuji Xerox P paper (64 gsm)
2-sided Printing Feature	Standard (Manual)
CPU	ARM9 384MHz
Memory capacity	Standard: 128 MB (Onboard)
	IMPORTANT:
	• The above memory capacity does not guarantee print quality depending on the type and content of print data.
Hard disk	—
Page Description Language	— (Host-based)

Items	Description
Supported OS[1]	Windows® XP, Windows® XP x64 Edition, Windows Vista®, Windows Vista® x64 Edition, Windows Server® 2003, Windows Server® 2003 x64 Edition, Windows Server® 2008, Windows Server® 2008 x64 Edition, Windows Server® 2008 R2, Windows® 7, Windows® 7 x64 Edition, Windows® 8, Windows® 8 x64 Edition, Windows Server® 2012, Mac OS[2] **IMPORTANT:** [1] For the latest information about the supported operating systems, contact our Customer Support Center or your dealer. [2] Mac OS X 10.4.11 – 10.8 are supported.
Interface	DocuPrint CP215: Standard: USB 2.0 (Hi-Speed), Ethernet (10Base-T, 100Base-TX) DocuPrint CP215 w: Standard: USB 2.0 (Hi-Speed), Ethernet (10Base-T, 100Base-TX), IEEE802.11b/g/n
Supported protocol	TCP/IP (LPR, Port9100, WSD, HTTP, SMTP, RARP, AutoIP), SNMP, DHCP, BOOTP, Bonjour (mDNS) **IMPORTANT:** • WSD stands for Web Services on Devices.
Power	AC 100 – 127 V ± 10%; 7 A; both 50/60 Hz ± 3 Hz AC 220 – 240 V ± 10%; 5 A; both 50/60 Hz ± 3 Hz **IMPORTANT:** • Power outlets that provide the above power level is recommended.

Operating noise
(main unit only)
	During operation:
	   Color: 6.43 B; 48 dB (A)
	   Monochrome: 6.43 B; 49 dB (A)
	
	During stand-by: 4.3 B; 21 dB (A)
	
	IMPORTANT:
	• Measurements based on ISO7779
	   Unit B: acoustic power level (LwAd)
	   Unit dB (A): radiated sound pressure (bystander position)

Power consumption	Maximum: 714 W, During Mode2 of Power Saver Mode: 2 W or less
	Average:
	   During standby: 51 W,
	   During continuous color printing: 290 W,
	   During continuous monochrome printing: 320 W
	
	IMPORTANT:
	• Mode1 of Power Saver Mode: 10 W average
	   (The printer does not use electricity when the power is switched off even with the power cord is plugged in.)

Dimensions (main unit only)	394 (W) $\times$ 304 (D)[1] $\times$ 234 (H) mm **IMPORTANT:** [1] When the front cover is closed.

Items	Description
Weight	Main Unit: 10.55 kg (main unit only, including toner cartridges)
Usage Environment	During Use: Temperature: 10 – 32 °C; Humidity: 10 – 85% (except malfunctions due to dew condensation)
	Non-Use: Temperature: -20 – 40 °C; Humidity: 5 – 85% (except malfunctions due to dew condensation)
	IMPORTANT:
	• Until the conditions (temperature and humidity) inside the printer become acclimated to the installation environment, certain qualities of the paper can cause poor printing.

2

Basic Operation

This chapter includes:

- "Main Components" on page 32
- "Turning On the Printer" on page 37
- "Printing a Panel Settings Page" on page 38
- "Power Saver Mode" on page 39

Main Components

This section provides an overview of your printer.

This section includes:

■ Front View
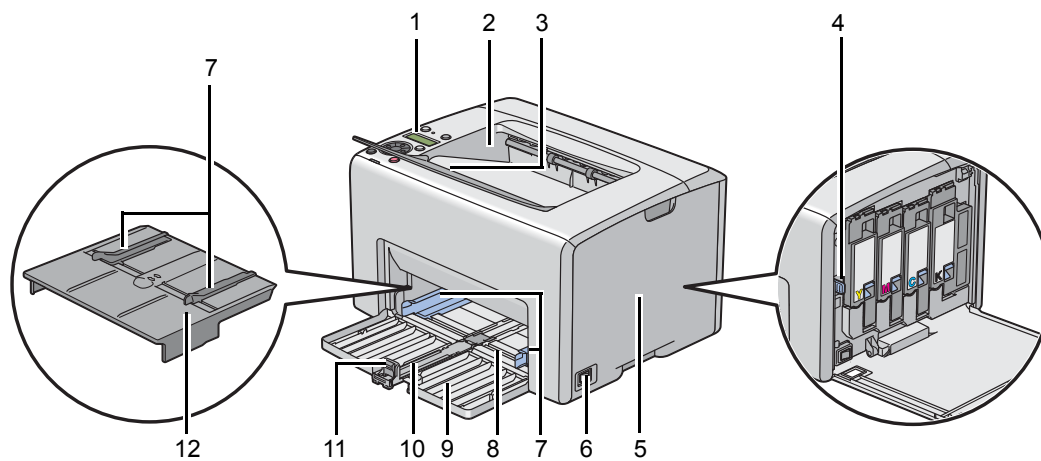
1	Operator Panel	2	Center Output Tray
3	Output Tray Extension	4	Print Head Cleaning Rod
5	Toner Access Cover	6	Power Switch
7	Paper Width Guides	8	Multipurpose Feeder
9	Front Cover	10	Slide Bar
11	Length Guide	12	Priority Sheet Inserter

■ Rear View
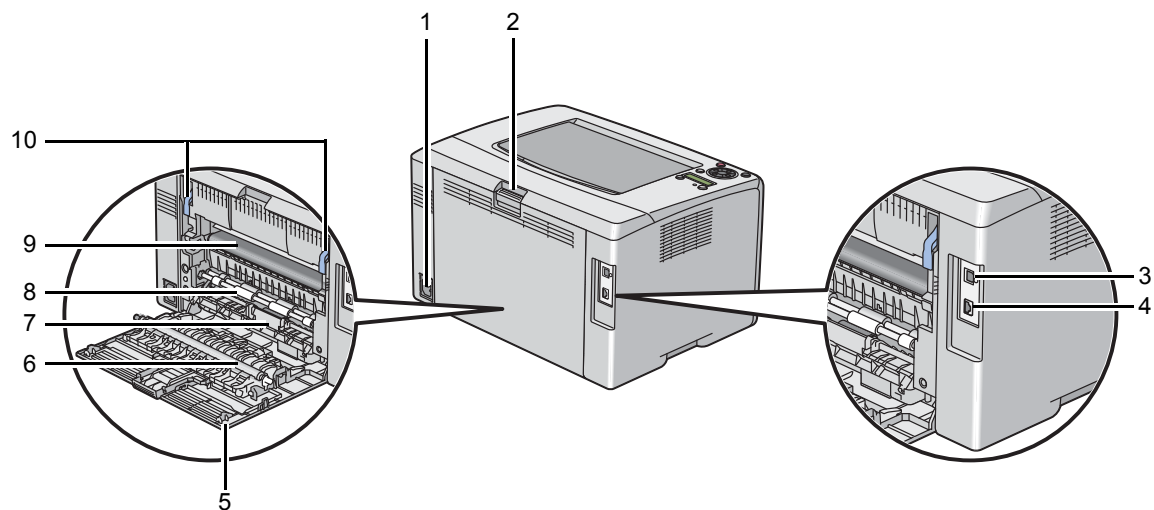
1	Power Connector	2	Rear Door Handle
3	USB Port	4	Ethernet Port
5	Rear Door	6	Transfer Roller
7	Paper Chute	8	Paper Feed Roller
9	Transfer Belt	10	Levers

■ Operator Panel

The operator panel has a liquid crystal display (LCD), buttons, and indicators.
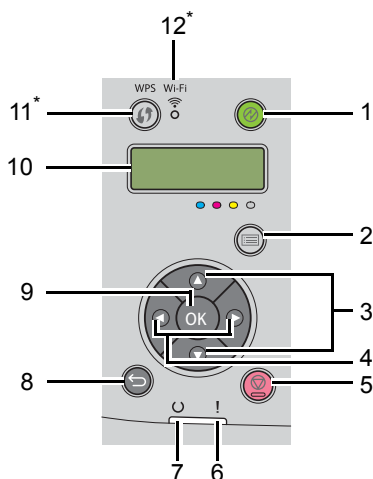
*: This button/LED is available only on the DocuPrint CP215 w.

1 ⊘ (**Energy Saver**) Button/Indicator

- Lights up in the Mode2 for the Power Saver Mode. Press this button to exit the Power Saver Mode.

2 ▤ (**Menu**) Button

- Switches to the Menu mode from the print mode.
- Switches to the print mode from the Menu mode.

3 ▲ ▼ Buttons

- Scrolls through menus or items in the Menu mode. To enter numbers or passwords, press these buttons.

4 ◀ ▶ Buttons

- Selects submenus or setting values in the Menu mode.

5 ⊘ (**Cancel Job**) Button

- Cancels the current print job.

6 ! (**Error**) Indicator

- Lights up when an error occurs and blinks when an unrecoverable error occurs.

7 ○ (**Ready**) Indicator

- Lights up when the printer is ready or the printer is in the Mode1 for the Power Saver Mode and blinks when data is being received.

8 ↩ (**Back**) Button

- Switches to the print mode from the top menu of the Menu mode.
- Returns to the upper hierarchy of the menu from the submenu of the Menu mode.

9 ⊙ₖ Button

- Displays the selected menu or item and determines the selected value in the Menu mode.

10 LCD Panel

- Displays various settings, instructions, and error messages.

11 ⊚ (**WPS**) Button (DocuPrint CP215 w Only)

- Starts Wi-Fi Protected Setup® (Push Button Configuration).

12 🛜 (**Wi-Fi**) LED (DocuPrint CP215 w Only)

- Lights up when wireless connection is established, and blinks in certain conditions.

Status of Wi-Fi LED (DocuPrint CP215 w Only)

This section describes when the 🛜 (**Wi-Fi**) LED lights up or blinks.

See also:

🛜 (Wi-Fi) LED	`Wireless LAN settings`*	Printer Status	Error Message
● Off		Connected to the network via Ethernet cable; Regardless of the `Wireless LAN` setting, wireless connection is not available when an Ethernet cable is connected to the printer.	—
	`Disable`	—	—
	`Enable`	The printer enters the Power Saver Mode	—
● On	`Enable`	Wireless link established	—
☼ Blinking normal	`Enable`	Searching for wireless LAN access point or router	—
		Wrong WEP key entered during the wireless setup	`WEP Key Input Error`
		Wrong WPA key entered during the wireless setup	`WPA Key Input Error`
☼ Blinking slowly	`Enable`	Searching/Connecting with WPS access point or router during wireless operation	—

🛜 (Wi-Fi) LED		`Wireless LAN settings`[*]	Printer Status	Error Message
☀	Blinking fast	`Enable`	No wireless LAN access point or router on which the WPS operation is being performed found within the specified time	`Wireless Timeout Error`
			WPS Connection failure	`WirelessDownload Error`
			Wireless LAN access point or router found but connection error occurs (Passphrase error)	`WirelessPassword Error`
			Detected WPS signals from multiple access points or routers during wireless operation (session overlap)	`Wireless Session Overlap Error`
			WPS Connection failure; Security setting of the wireless LAN access point or router is WEP, which is unsupported on WPS.	`Wireless WEP AP Connected Error`

[*]: You can enable/disable the `Wireless LAN` settings. For more information, see .

Turning On the Printer

IMPORTANT:

- Do not use extension cords or power strips.
- The printer should not be connected to an uninterruptible power supply (UPS) system.

1 Connect the power cord to the power connector on the rear of your printer (see).
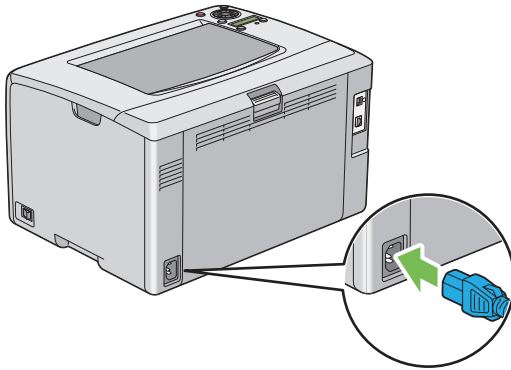
2 Connect the other end of the cord to the power source.

3 Turn on the printer.
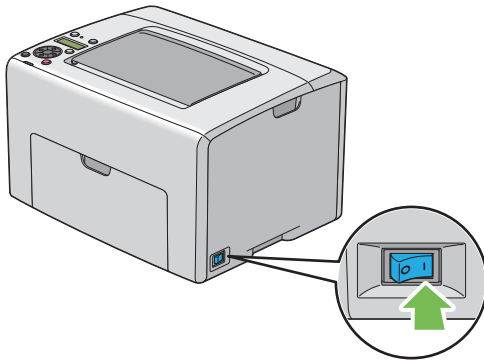
Printing a Panel Settings Page

The Panel Settings page shows current settings for the operator panel menus.

■ Using the Operator Panel

1 Press the ▤ (**Menu**) button.

2 Select `Information Pgs`, and then press the (ok) button.

3 Select `Panel Settings`, and then press the (ok) button.

The Panel Settings page is printed.

■ Using the Printer Setting Utility (Windows Only)

The following procedure uses Microsoft® Windows® 7 as an example.

1 Click **Start** → **All Programs** → **Fuji Xerox** → **Fuji Xerox Printer Software for Asia-Pacific** → your printer → **Printer Setting Utility**.

NOTE:
- The **Select Printer** window appears in this step when multiple print drivers are installed on your computer. In this case, click the name of the desired printer listed in **Printer Name**.

The Printer Setting Utility appears.

2 Click the **Printer Settings Report** tab.

3 Select **Information Pages** from the list at the left side of the page.

The **Information Pages** page is displayed.

4 Click the **Panel Settings** button.

The Panel Settings page is printed.

Power Saver Mode

The printer has a power saving feature which reduces power consumption during periods of inactivity. This feature operates in two modes: the Mode1 and Mode2. The power consumption of the printer in Mode2 is lower than in Mode1. As delivered, the printer switches to the Mode1 five minutes after the last print job is printed. The printer then switches to the Mode2 after another six minutes of inactivity. When the printer is in the Mode1, the display shows `Ready/Standby`. In the Mode2, all lamps on the operator panel except for the ⊘ (**Energy Saver**) button go out. The display also goes blank and displays nothing.

The factory default settings of five minutes (Mode1) and six minutes (Mode2) are changeable within the range of 5 to 30 minutes (Mode1) and 1 to 6 minutes (Mode2). The printer returns to the ready-to-print state in about 25 seconds when re-activated.

■ Exiting the Power Saver Mode

The printer automatically exits the Power Saver Mode when it receives a print job from a computer. To manually exit the Mode1, press any button on the operator panel. To exit the Mode2, press the ⊘ (**Energy Saver**) button.

NOTE:
- Opening and closing the rear door will cause the printer to exit the Mode1.
- When the printer is in the Mode2, all buttons on the operator panel except for the ⊘ (**Energy Saver**) button do not function. To use the buttons on the operator panel, press the ⊘ (**Energy Saver**) button to exit the Power Saver Mode.

See also:
- "Setting the PowerSaver Time Option" on page 169

3

Printer Management Software

Use the *Software Pack CD-ROM* that shipped with your printer to install a combination of software programs, depending on your operating system.

This chapter includes:

Print Driver

To access all of your printer's features, install the print driver from the *Software Pack CD-ROM*.

The print driver enables your computer and printer to communicate and provides access to your printer features.

See also:

CentreWare Internet Services

This section provides information on the CentreWare Internet Services, a hypertext transfer protocol (HTTP)-based web page service that is installed with your print driver and is accessed through your web browser.

These pages give you instant access to printer status, and printer configuration options. Anyone on your network can access the printer using their web browser software. In administrative mode you can change the configuration of the printer, and manage your printer settings without leaving your computer.

NOTE:

• Users who are not given passwords by the administrator can still view the configuration settings and options in user mode. They will not be able to save or apply any changes to the current configuration.

■ Creating an Administrative Password

1 Launch your web browser.

2 Enter the IP address of the printer in the address bar, and then press the **Enter** key.

3 Click the **Properties** tab.

4 In the left navigation panel, scroll down to **Security** and select **Administrator Settings**.

5 Select **Enabled** for **Administrator Mode**.

6 In the **Administrator Login ID** field, enter a name for the administrator.

   NOTE:

   • The default ID and password are "11111" and "x-admin" respectively.

7 In the **Administrator Password** and **Re-enter Password** fields, enter a password for the administrator.

8 In the **Maximum Login Attempts** field, enter the number of login attempts allowed.

   Setting to 0 does not limit the number of login attempts.

9 Click **Apply**. Your new password has been set and anyone with the administrator name and password can log in and change the printer configuration and settings.

Printer Setting Utility (Windows Only)

The Printer Setting Utility is installed with the print driver.

The Printer Setting Utility allows you to view or specify the system settings. You can also diagnose the system settings by using the Printer Setting Utility.

The Printer Setting Utility consists of the **Printer Settings Report**, **Printer Maintenance**, and **Diagnosis** tabs.

NOTE:
- The **Password** dialog box appears the first time you try to change settings on the Printer Setting Utility when Panel Lock is set on the printer. In this case, enter the password you specified, and click **OK** to apply the settings.

SimpleMonitor (Windows Only)

The SimpleMonitor is installed with the print driver.

You can check the printer status with the SimpleMonitor. Double-click the SimpleMonitor printer icon on the taskbar at the bottom right of the screen. The **Select Printer** window appears, which displays the printer name, printer connection ports, and printer status. Check the column **Status** to know the current status of your printer.

Status Settings button: Displays the **Status Settings** screen and allows you to modify the SimpleMonitor settings.

Click the name of the desired printer listed on the **Select Printer** window. The **Status Monitor** window appears.

The **Status Monitor** window alerts you when there is a warning or when an error occurs, for example, when a paper jam occurs or toner is running low.

By default, the **Status Monitor** window launches automatically when printing starts. You can specify the conditions for starting the **Status Monitor** window in **Auto start setup**.

To change the pop-up settings for the **Status Monitor** window:

The following procedure uses Microsoft® Windows® 7 as an example.

1   Click **Start → All Programs → Fuji Xerox → SimpleMonitor for Asia-Pacific → Activate SimpleMonitor**.
The **Select Printer** window appears.

2   Click **Status Settings**.
The **Status Settings** dialog box appears.

3   Select the **Pop-up Settings** tab, and then select the type of the pop-up from **Auto start setup**.

You can also check the toner level of your printer and the job information on the **Status Monitor** window.

Launcher (Windows Only)

Using the **Launcher** window, you can open the **Status Monitor** window, Printer Setting Utility, and Troubleshooting Guide.

To use the Launcher, select to install the Launcher when you install the print driver.

The following procedure uses Windows 7 as an example.

To open the **Launcher** window:

1   Click **Start** → **All Programs** → **Fuji Xerox** → **Fuji Xerox Printer Software for Asia-Pacific** → **Launcher**.

The **Launcher** dialog box appears.
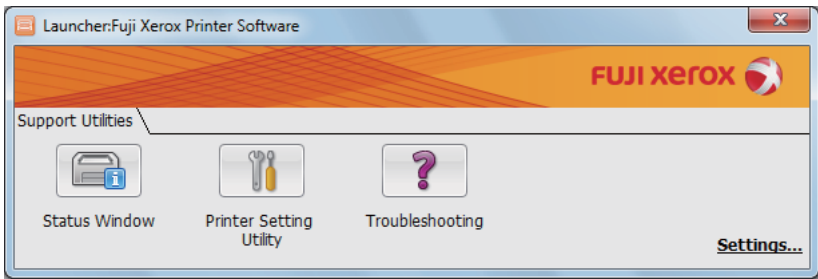
2   The **Launcher** window provides three buttons; **Status Window**, **Printer Setting Utility**, and **Troubleshooting**.

To exit, click the **X** button at the top-right of the window.

For details, click the **Help** button/icon of each application.

Status Window	Click to open the **Status Monitor** window. **See also:** • "SimpleMonitor (Windows Only)" on page 45
Printer Setting Utility	Click to open the Printer Setting Utility. **See also:** • "Printer Setting Utility (Windows Only)" on page 44
Troubleshooting	Click to open the Troubleshooting Guide, which allows you to resolve issues by yourself.

Setup Disk Creation Tool (Windows Only)

The Setup Disk Creation Tool program located in the **MakeDisk** folder of the **Utilities** folder on the *Software Pack CD-ROM* and the print driver located on the *Software Pack CD-ROM* are used to create driver installation packages that contain custom driver settings. A driver installation package can contain a group of saved print driver settings and other data for things such as:

- Print orientation and multiple-up (document settings)
- Watermarks

If you want to install the print driver with the same settings on multiple computers running on the same operating system, create a setup disk in a media or in a server on the network. Using the setup disk that you have created will reduce the amount of work required when installing the print driver.

- Install the print driver for your printer on the computer on which the setup disk is to be created.
- The setup disk can only be used on the operating system on which the disk was created or computers running the same operating system. Create a separate setup disk for each of the operating systems.

4

Printer Connection and Software Installation

This chapter includes:

Overview of Printer Connection and Software Installation

Read this section to know the overall steps required for each connection method to complete the printer connection and software installation.

Select one of the following connection methods.

- USB connection
- Ethernet connection
- Wireless connection (DocuPrint CP215 w only)

NOTE:

- If the *Software Pack CD-ROM* is not available, you can download the latest driver from our Web Site: http://www.fujixeroxprinters.com/

■ USB Connection

• For Windows

1 Connect the printer and the computer with the USB cable.

Refer to "USB Connection" on page 55.

2 Install the driver software on the computer from the *Software Pack CD-ROM*.

Refer to "Using Installer to Set Up Connection and Install Software" on page 71.

• For Mac OS X

1 Connect the printer and the computer with the USB cable.

Refer to "USB Connection" on page 55.

2 Install the driver software on the computer from the *Software Pack CD-ROM*.

Refer to "Configuring Printer and Installing Software on Mac OS X" on page 99.

■Ethernet Connection

• For Windows

1 Connect the printer to a wired network.

Refer to "Ethernet Connection" on page 55.

2 Set the printer's IP address.

- If DHCP is available on your network, refer to "Dynamic Methods of Setting the Printer's IP Address" on page 64.
- You can also manually set the printer's IP address by using the operator panel. Refer to "Assigning an IP Address Manually" on page 65.

3 Install the driver software on the computer from the *Software Pack CD-ROM*.

Refer to "Configuring Printer and Installing Software on Windows" on page 69.

• For Mac OS X

1 Connect the printer to a wired network.

Refer to "Ethernet Connection" on page 55.

2 Set the printer's IP address.

- If DHCP is available on your network, refer to "Dynamic Methods of Setting the Printer's IP Address" on page 64.
- You can also manually set the printer's IP address by using the operator panel. Refer to "Assigning an IP Address Manually" on page 65.

3 Install the driver software on the computer from the *Software Pack CD-ROM*.

Refer to "Configuring Printer and Installing Software on Mac OS X" on page 99.

■Wireless Connection (DocuPrint CP215 w Only)

• For Windows

1 Connect the printer to a wireless network.

Refer to "Wireless Connection (DocuPrint CP215 w Only)" on page 56.

Perform the following steps as necessary.

If you set up wireless connection using the installer on the *Software Pack CD-ROM*, the following steps are not necessary.

2 Set the printer's IP address.

- If DHCP is available on your network, refer to "Dynamic Methods of Setting the Printer's IP Address" on page 64.
- You can also manually set the printer's IP address by using the operator panel. Refer to "Assigning an IP Address Manually" on page 65.

3 Install the driver software on the computer from the *Software Pack CD-ROM*.

Refer to "Configuring Printer and Installing Software on Windows" on page 69.

• For Mac OS X

1 Connect the printer to a wireless network.

Refer to "Wireless Connection (DocuPrint CP215 w Only)" on page 56.

2 Set the printer's IP address.

- If DHCP is available on your network, refer to "Dynamic Methods of Setting the Printer's IP Address" on page 64.
- You can also manually set the printer's IP address by using the operator panel. Refer to "Assigning an IP Address Manually" on page 65.

3 Install the driver software on the computer from the *Software Pack CD-ROM*.

Refer to "Configuring Printer and Installing Software on Mac OS X" on page 99.

Connecting Your Printer

The interface cables of your printer must meet the following requirements:

Connection Type	Connection Specifications
Ethernet	10 Base-T/100 Base-TX compatible
USB	USB2.0 compatible
Wireless (DocuPrint CP215 w only)	IEEE 802.11b/802.11g/802.11n
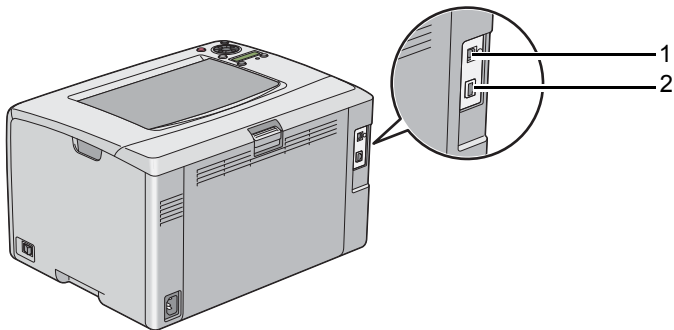
1 USB Port		
2 Ethernet Port		

■ Available Features for Each Connection Type

Connect the printer via USB, Ethernet, or Wireless (DocuPrint CP215 w only). A USB connection is a direct connection and is not used for networking. Ethernet and wireless connections are used for networking. Hardware and cabling requirements vary for the different connection methods. Ethernet cable and wireless LAN access point (Registrar) or router are not included with your printer and must be purchased separately.

The available features for each connection type are shown in the following table.

Connection Type	Available Feature
USB	When connected via USB, you can: • Instruct print jobs from a computer. • Use the Printer Setting Utility to view, specify or diagnose the system settings. (Microsoft® Windows® only) • Use the SimpleMonitor to check the printer status. (Windows only)
Ethernet	When connected via Ethernet, you can: • Instruct print jobs from a computer on the network. • Use the CentreWare Internet Services to view the printer status or specify the printer settings. • Use the Printer Setting Utility to view, specify or diagnose the system settings. (Windows only) • Use the SimpleMonitor to check the printer status. (Windows only)
Wireless (DocuPrint CP215 w only)	When connected via Wireless, you can: • Instruct print jobs from a computer on the network. • Use the CentreWare Internet Services to view the printer status or specify the printer settings. • Use the Printer Setting Utility to view, specify or diagnose the system settings. (Windows only) • Use the SimpleMonitor to check the printer status. (Windows only)

■ Connecting Printer to Your Computer

USB Connection

To connect the printer to a computer via USB:

1 Make sure that the printer is turned off and unplugged from the power source.

2 Connect the smaller USB connector into the USB port at the rear of the printer and the other end of the cable into a USB port of the computer.

USB port
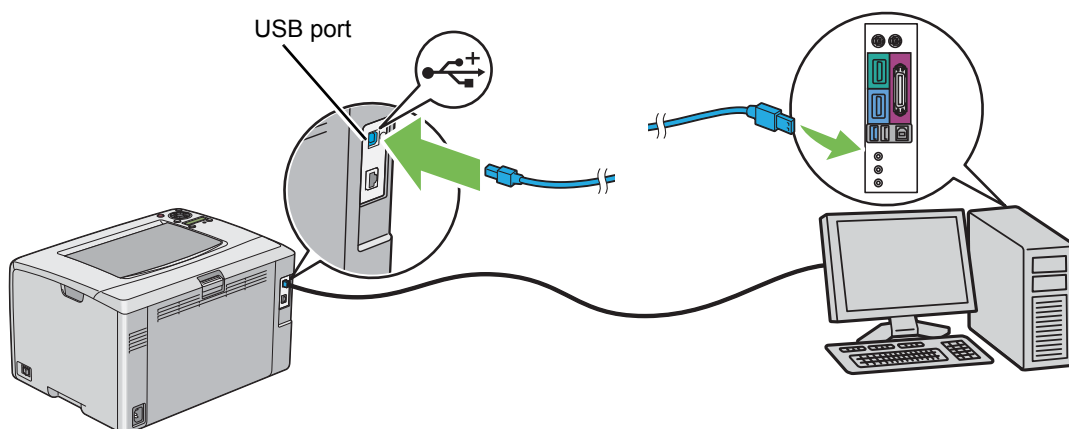
NOTE:
• Do not connect the printer USB cable to the USB slot available on the keyboard.

Ethernet Connection

To connect the printer to a computer via Ethernet:

1 Make sure that the printer is turned off and all cables have been disconnected.

2 Connect one end of the Ethernet cable into the Ethernet port at the rear of the printer, and the other end to an Ethernet port of a router or hub.

Ethernet port
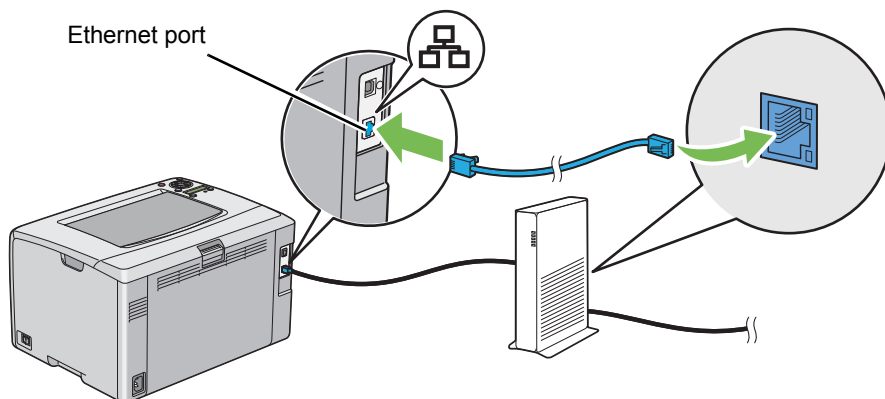
NOTE:
• Connect the Ethernet cable, only if you need to setup a wired connection. Connecting the Ethernet cable stops some features or functions for Wireless network.

Wireless Connection (DocuPrint CP215 w Only)

This section describes how to connect the printer to a computer via wireless network.

Confirm that the Ethernet cable has been disconnected from the printer and the 📶 (**Wi-Fi**) LED is blinking before configuring the wireless connection.

IMPORTANT:

- The Wireless LAN feature is not available in all locations. Please check with your local Fuji Xerox representative for availability of wireless in your location.
- If you are using a method other than WPS to configure your wireless network settings, be sure to get the SSID and security information from a system administrator before starting the setup procedure.
- Be sure to configure necessary settings on the wireless LAN access point (Registrar) or router before starting the printer setup. For information on the access point or router settings, refer to the manual supplied with the product.

The specifications of wireless setting function are described below:

Item	Specification
Connectivity	Wireless
Connectivity Standard	IEEE 802.11b/802.11g/802.11n compliant
Bandwidth	2.4 GHz
Data Transfer Rate	IEEE 802.11b mode: 11, 5.5, 2, 1 Mbps
	IEEE 802.11g mode: 54, 48, 36, 24, 18, 12, 9, 6 Mbps
	IEEE 802.11n mode: 65 Mbps
Security	64 (40-bit key)/128 (104-bit key) WEP, WPA-PSK (TKIP, AES), WPA2-PSK (AES) (IEEE 802.1x attestation function of WPA 1x non-corresponds), Mixed Mode PSK
Certifications	Wi-Fi, WPA2.0 (Personal)
Wi-Fi Protected Setup® (WPS)[*]	Push Button Configuration (PBC), Personal Identification Number (PIN)

[*]: WPS 2.0 compliant. WPS 2.0 works on access points with the following encryption types: Mixed Mode PSK, WPA-PSK-AES, WPA2-PSK-AES, WPA-PSK-TKIP, Open (No Security)

You can select a method to configure a wireless setting from the following:

Using the installer on the *Software Pack CD-ROM* (Windows Only) (Recommended for initial setup)
Refer to "Launching the Printer Setup Screen" on page 71.
WPS-PBC ((WPS) button)[1]
Refer to "WPS-PBC (WPS Button)" on page 58.
WPS-PBC (Operator Panel Menu)[1]
Refer to "WPS-PBC (Operator Panel Menu)" on page 59.
WPS-PIN[2]
Refer to "WPS-PIN" on page 59.
Auto SSID Setup
Refer to "Auto SSID Setup" on page 60.
Manual SSID Setup
Refer to "Manual SSID Setup" on page 61.

[1]: WPS-PBC (Wi-Fi Protected Setup-Push Button Configuration) is a method to authenticate and register devices required for wireless configuration, by starting WPS-PBC on the printer with the (WPS) button or operator panel menu, and then pressing the button provided on the wireless LAN access point (Registrar) or router. This setting is available only when the access point supports WPS-PBC.

[2]: WPS-PIN (Wi-Fi Protected Setup-Personal Identification Number) is a method to authenticate and register devices required for wireless configuration, by entering PIN assignments in the printer and computer. This setting, performed through access point, is available only when the access point of your wireless router supports WPS.

• WPS-PBC (WPS Button)

You can start WPS-PBC (Wi-Fi Protected Setup-Push Button Configuration) by pressing the ⊙ (**WPS**) button.

NOTE:

- WPS-PBC is available only when the wireless LAN access point (Registrar) or router supports WPS-PBC.
- Before starting WPS-PBC with the ⊙ (**WPS**) button, confirm the position of the WPS button (button name may vary) on the wireless LAN access point (Registrar) or router. For information about WPS operation on the wireless LAN access point (Registrar) or router, refer to the manual supplied with the product.
- The 🛜 (**Wi-Fi**) LED lights up or blinks to indicate the printer's wireless connection status. For more information, see <u>"Status of Wi-Fi LED (DocuPrint CP215 w Only)" on page 35</u>.
  If a problem occurs or error messages are displayed on the LCD panel, see <u>"Wireless Problems (DocuPrint CP215 w Only)" on page 203</u>.

1 Press and hold the ⊙ (**WPS**) button on the printer for two seconds.

Confirm that the 🛜 (**Wi-Fi**) LED starts to blink slowly and `Press WPS Button on Router` appears on the LCD panel.
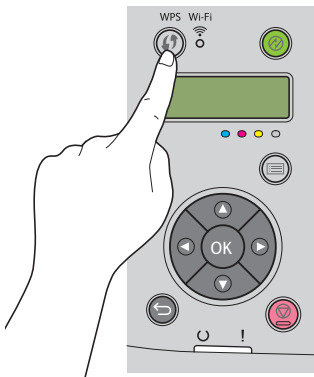
2 Start the WPS operation on the wireless LAN access point (Registrar) or router within two minutes.

When the WPS operation is successful and the printer is automatically rebooted, wireless LAN connection setting is completed.

• WPS-PBC (Operator Panel Menu)

You can start WPS-PBC (Wi-Fi Protected Setup-Push Button Configuration) from the operator panel.

NOTE:
- WPS-PBC is available only when the wireless LAN access point (Registrar) or router supports WPS-PBC.
- Before starting WPS-PBC, confirm the position of the WPS button (button name may vary) on the wireless LAN access point (Registrar) or router. For information about WPS operation on the wireless LAN access point (Registrar) or router, refer to the manual supplied with the product.

1 Press the ▤ (**Menu**) button.

2 Select `Admin Menu`, and then press the (OK) button.

3 Select `Network Setup`, and then press the (OK) button.

4 Select `WPS Setup`, and then press the (OK) button.

5 Select `Push Btn. Ctrl`, and then press the (OK) button.

6 Confirm that `Are you sure?` appears, and then press the (OK) button.

7 Confirm that the 🛜 (**Wi-Fi**) LED starts to blink slowly and `Press WPS Button on Router` appears, and then start the WPS-PBC on the wireless LAN access point (Registrar) or router within two minutes.

When the WPS operation is successful and the printer is automatically rebooted, wireless LAN connection setting is completed.

• WPS-PIN

The PIN code of WPS-PIN can only be configured from the operator panel.

NOTE:
- WPS-PIN is available only when the wireless LAN access point (Registrar) or router supports WPS-PIN.
- For WPS operation on the wireless LAN access point (Registrar) or router, refer to the manual supplied with the product.

1 Press the ▤ (**Menu**) button.

2 Select `Admin Menu`, and then press the (OK) button.

3 Select `Network Setup`, and then press the (OK) button.

4 Select `WPS Setup`, and then press the (OK) button.

5 Select `PIN Code`, and then press the (OK) button.

6 Write down the displayed 8-digit PIN code, or select `Print PIN Code` and press the (OK) button to print the PIN code.

7 Select `Start Config.`, and then press the (OK) button.

8 Confirm that `Please wait... Wireless Setting` appears, and enter the PIN code displayed on step **6** into the wireless LAN access point (Registrar) or router.

When the WPS operation is successful and the printer is automatically rebooted, wireless LAN connection setting is completed.

• Auto SSID Setup

1 Press the ▤ (**Menu**) button.

2 Select `Admin Menu`, and then press the (OK) button.

3 Select `Network Setup`, and then press the (OK) button.

4 Select `Wireless Setup`, and then press the (OK) button.

   The printer automatically searches the access points on wireless network.

5 Select the desired access point, and then press the (OK) button.

   If the desired access point does not appear, go to .

   NOTE:
   • Some hidden SSID may not be displayed. If the SSID is not detected, turn on SSID broadcast from the access point.

6 Enter the passphrase or WEP key.

   When the encryption type of the access point selected in step **5** is WPA, WPA2 or Mixed:

   • Enter the passphrase, and then press the (OK) button.

   When the encryption type of the access point selected in step **5** is WEP:

   • Enter the WEP key, and then press the (OK) button.

   NOTE:
   • A passphrase is an encryption key for WPA and WPA2 encryption which consists of 8 to 63 alphanumeric characters. It may be described as a key on some access points or routers. For details, refer to the manual supplied with the access point or router.

7 Confirm that `Restart Printer to apply settings` appears.

8 Turn off the printer, and turn it on again to apply the settings.

   Wireless LAN connection setting is complete.

• Manual SSID Setup

1 Press the ▤ (**Menu**) button.

2 Select `Admin Menu`, and then press the (OK) button.

3 Select `Network Setup`, and then press the (OK) button.

4 Select `Wireless Setup`, and then press the (OK) button.

5 Select `Manual Setup`, and then press the (OK) button.

6 Enter the SSID, and then press the (OK) button.

7 Select the network mode from `Infrastructure` and `Ad-hoc` depending on your environment, and then press the (OK) button.

If you select `Infrastructure`, proceed to step **8**.

If you select `Ad-hoc`, proceed to step **9**.

8 Select the encryption type from Mixed Mode PSK, WPA-PSK-TKIP, WPA2-PSK-AES, or WEP.

IMPORTANT:

• Be sure to use one of the supported encryption methods to protect your network traffic.

To use Mixed Mode PSK, WPA-PSK-TKIP, or WPA2-PSK-AES encryption:

a Select `Mixed Mode PSK`, `WPA-PSK-TKIP`, or `WPA2-PSK-AES`, and then press the (OK) button.

b Enter the passphrase, and then press the (OK) button.

NOTE:

• A passphrase is an encryption key for WPA and WPA2 encryption which consists of 8 to 63 alphanumeric characters. It may be described as a key on some access points or routers. For details, refer to the manual supplied with the access point or router.

c Proceed to step **10**.

To use WEP encryption:

a Select `WEP`, and then press the (OK) button.

b Enter the WEP key, and then press the (OK) button.

c Select the desired transmit key from `Auto` or `WEP Key 1` to `WEP Key 4`, and then press the (OK) button.

d Proceed to step **10**.

9 Select WEP for the encryption type.

IMPORTANT:

• Be sure to use one of the supported encryption methods to protect your network traffic.

a Select `WEP`, and then press the (OK) button.

b Enter the WEP key, and then press the (OK) button.

c Select the desired transmit key from `WEP Key 1` to `WEP Key 4`, and then press the (OK) button.

10 Confirm that `Restart Printer to apply settings` appears.

11 Turn off the printer, and turn it on again to apply the settings.

Wireless LAN connection setting is complete.

Setting the IP Address (for IPv4 Mode)

This section describes how to set an IP address of the printer in IPv4 mode.

NOTE:

- When you set an IP address in IPv6 mode, use the CentreWare Internet Services. For more information, refer to the Help on the CentreWare Internet Services. To display the CentreWare Internet Services, use a link local address. The printer's link local address is listed in the Printer Settings page. See "Printing and Checking the Printer Settings Page" on page 68.

This section includes:

■ Printer's TCP/IP and IP Addresses

If your computer is on a large network, contact your network administrator for the appropriate TCP/IP addresses and additional system settings information.

If you are creating your own small Local Area Network or connecting the printer directly to your computer using Ethernet, follow the procedure for automatically setting the printer's IP address.

Computers and printers primarily use TCP/IP protocols to communicate over an Ethernet network. With TCP/IP protocols, each printer and computer must have a unique IP address. It is important that the addresses are similar, but not the same; only the last digit needs to be different. For example, your printer can have the address 192.168.1.2 while your computer has the address 192.168.1.3. Another device can have the address 192.168.1.4.

Many networks have a Dynamic Host Configuration Protocol (DHCP) server. A DHCP server automatically programs an IP address into every computer and printer on the network that is configured to use DHCP. A DHCP server is built into most cable and Digital Subscriber Line (DSL) routers. If you use a cable or DSL router, see your router's documentation for information on IP addressing.

■ Dynamic Methods of Setting the Printer's IP Address

The DHCP and AutoIP protocols are available for dynamically setting the printer's IP address. They are enabled by default in your printer.

You can turn on/off both protocols using the operator panel or the CentreWare Internet Services.

NOTE:

- You can print a report that includes the printer's IP address. For more information, refer to .

Using the Operator Panel

1   On the operator panel, press the ▤ (**Menu**) button.

2   Select `Admin Menu`, and then press the (OK) button.

3   Select `Network Setup`, and then press the (OK) button.

4   Select `TCP/IP`, and then press the (OK) button.

5   Select `IPv4`, and then press the (OK) button.

6   Select `Get IP Address`, and then press the (OK) button.

7   Select `DHCP/AutoIP`, and then press the (OK) button.

8   Turn off and turn on the printer.

Using the CentreWare Internet Services

1   Launch your web browser.

2   Enter the IP address of the printer in the address bar, and then press the **Enter** key.

3   Select **Properties**.

4   Select **TCP/IP** from the **Protocol Settings** folder on the left navigation panel.

5   In the **Get IP Address** field under **IPv4**, select the **DHCP / Autonet** option.

6   Click the **Apply** button.

7   Click the **Reboot Printer** button to restart the printer.

■Assigning an IP Address Manually

NOTE:

- Assigning an IP address is considered as an advanced function and is normally done by a system administrator.
- Depending on the address class, the range of the IP address assigned may be different. On Class A, for example, an IP address in the range from `0.0.0.0` to `127.255.255.255` will be assigned. For assignment of IP addresses, contact your system administrator.

You can assign the IP address by using the operator panel or using the Printer Setting Utility.

For Windows, you can also assign the IP address to the printer using the installer on the *Software Pack CD-ROM*.

Using the Operator Panel

1 On the operator panel, press the ▤ (**Menu**) button.

2 Select `Admin Menu`, and then press the (OK) button.

3 Select `Network Setup`, and then press the (OK) button.

4 Select `TCP/IP`, and then press the (OK) button.

5 Select `IPv4`, and then press the (OK) button.

6 Select `Get IP Address`, and then press the (OK) button.

7 Select `Panel`, and then press the (OK) button.

8 Press the ↰ (**Back**) button.
   Confirm that `Get IP Address` appears.

9 Select `IP Address`, and then press the (OK) button.
   The cursor is located at the first digit of the IP address.

10 Enter the value of the IP address using the ▲ or ▼ button.

11 Press the ▶ button.
   The next digit is selected.

12 Repeat steps **10** to **11** to enter all of the digits in the IP address, and then press the (OK) button.

13 Press the ↰ (**Back**) button.
   Confirm that `IP Address` appears.

14 Select `Network Mask`, and then press the (OK) button.
   The cursor is located at the first digit of the network mask.

15 Enter the value of the network mask using the ▲ or ▼ button.

16 Press the ▶ button.

The next digit is selected.

17 Repeat steps **15** to **16** to set network mask, and then press the (OK) button.

18 Press the ⟵ (**Back**) button.

Confirm that `Network Mask` appears.

19 Select `Gateway Address`, and then press the (OK) button.

The cursor is located at the first digit of the gateway address.

20 Enter the value of the gateway address using the ▲ or ▼ button.

21 Press the ▶ button.

The next digit is selected.

22 Repeat steps **20** to **21** to set gateway address, and then press the (OK) button.

23 Turn off and turn on the printer.

See also:

-

Using the Printer Setting Utility (Windows Only)

The following procedure uses Windows 7 as an example.

1 Click **Start** → **All Programs** → **Fuji Xerox** → **Fuji Xerox Printer Software for Asia-Pacific** → your printer → **Printer Setting Utility**.

NOTE:

- The **Select Printer** window appears in this step when multiple print drivers are installed on your computer. In this case, click the name of the desired printer listed in **Printer Name**.

The Printer Setting Utility appears.

2 Click the **Printer Maintenance** tab.

3 Select **TCP/IP Settings** from the list at the left side of the page.

The **TCP/IP Settings** page is displayed.

4 Select **Panel** from **IP Address Mode**, and then enter the values in **IP Address**, **Network Mask**, and **Gateway Address**.

5 Click the **Restart printer to apply new settings** button to take effect.

Using the Installer on the Software Pack CD-ROM (Windows Only)

You can assign the IP address to the printer when setting up the printer with the installer on the *Software Pack CD-ROM*.

When you use the Ethernet or the manual Wireless setup method, and `Get IP Address` is set to `DHCP/AutoIP` on the operator panel menu, the installer detects the printer by the automatically assigned IP address. You can set the IP address to the desired IP address by clicking the **Advanced** button on the **Configure Printer** screen while in the setup process.

See also:

- "Dynamic Methods of Setting the Printer's IP Address" on page 64

The IP address is assigned to your printer. To verify the setting, display the web browser on any computer connected to the network and enter the IP address into the address bar on the browser. If the IP address is set up correctly, the CentreWare Internet Services displays in your browser.

■ Verifying the IP Settings

You can confirm the settings by printing the Printer Settings page or using the ping command.

Printing the Printer Settings Page

1   Print the Printer Settings page.

    See also:

    - "Printing and Checking the Printer Settings Page" on page 68

2   Look under the **IPv4** heading on the **Network Setup** or **Wireless Setup** section of the Printer Settings page to confirm that the IP address, network mask, and gateway address are appropriate.

Using the Ping Command

To verify if the printer is active on the network, run the ping command in your computer.

The following procedure uses Windows 7 as an example.

1   Click **Start** → **All Programs** → **Accessories** → **Run**.

2   Enter "cmd", and then click **OK**.

    The Command Prompt window is displayed.

3   Enter "ping xxx.xxx.xxx.xxx" (where xxx.xxx.xxx.xxx is the IP address of your printer), and then press the **Enter** key.

    Receiving the reply from the printer IP address means that the printer is appropriately connected to the network.

■Printing and Checking the Printer Settings Page

Print the Printer Settings page and check your printer's IP address.

Using the Operator Panel

1 Press the ▤ (**Menu**) button.

2 Select `Information Pgs`, and then press the ⓄⓀ button.

3 Select `Printer Settings`, and then press the ⓄⓀ button.

The Printer Settings page is printed.

4 On the **Network Setup** or **Wireless Setup** section of the Printer Settings page, confirm the IP address next to **IP Address** under the **IPv4** heading. If the IP address is **0.0.0.0**, wait for a few minutes to resolve the IP address automatically, and then print the Printer Settings page again.

If the IP address is not resolved automatically, see "Assigning an IP Address Manually" on page 65.

Using the Printer Setting Utility (Windows Only)

The following procedure uses Windows 7 as an example.

1 Click **Start → All Programs → Fuji Xerox → Fuji Xerox Printer Software for Asia-Pacific →** your printer **→ Printer Setting Utility**.

NOTE:
- The **Select Printer** window appears in this step when multiple print drivers are installed on your computer. In this case, click the name of the desired printer listed in **Printer Name**.

The Printer Setting Utility appears.

2 Click the **Printer Settings Report** tab.

3 Select **Information Pages** from the list at the left side of the page.

The **Information Pages** page is displayed.

4 Click the **Printer Settings** button.

The Printer Settings page is printed.

If the IP address is **0.0.0.0** (the factory default) or **169.254.xx.xx**, an IP address has not been assigned.

See also:
- "Assigning an IP Address Manually" on page 65

Configuring Printer and Installing Software on Windows

This section includes:

■ Identifying Print Driver Pre-install Status (for Network Connection Setup)

Before installing the print driver on your computer, check the IP address of your printer and change the firewall settings.

This section includes:

Checking the IP Address for Your Printer

1 Press the ▤ (**Menu**) button.

2 Select `Information Pgs`, and then press the ⟨OK⟩ button.

3 Select `Printer Settings`, and then press the ⟨OK⟩ button.

The Printer Settings page is printed.

4 Find the IP address under **Network Setup/Wireless Setup** on the Printer Settings page.

If the IP address is **0.0.0.0**, wait for a few minutes to resolve the IP address automatically, and then print the Printer Settings page again.

If the IP address is not resolved automatically, see "Assigning an IP Address Manually" on page 65.

Changing the Firewall Settings Before Installing Your Printer

You may need to change the firewall settings before installing the printer software. Contact your network administrator for more information.

The following procedure uses Windows 7 as an example.

1   Insert the *Software Pack CD-ROM* into your computer.

2   Click **Start** → **Control Panel**.

3   Click **System and Security**.

4   Click **Allow a program through Windows Firewall**.

5   Click **Change settings**.

6   Click **Allow another program**.

7   Click **Browse**.

8   Enter "D:\setup.exe" (in case your optical disk drive is D) in the **File name** text box, and then click **Open**.

9   Click **Add**.

10   Click **OK**.

■ Using Installer to Set Up Connection and Install Software

Launching the Printer Setup Screen

NOTE:
- The following procedure sets up printer connection and then install the print driver and software. If you have already established printer connection, go to to install the print driver and software immediately.

1 Insert the *Software Pack CD-ROM* into your computer to start the **Printer Setup** screen.

    NOTE:
- For Windows 8 and Windows Server® 2012, click on the message displayed on the upper right corner of the screen, and then select **Run setup.exe**.
- If the CD does not automatically launch, perform the following steps.

    a For Windows XP, Windows Server 2003, Windows Server 2008 and Windows Server 2008 R2, click **Start** (**start** for Windows XP) → **Run**.

    For Windows Vista® and Windows 7, click **Start** → **All Programs** → **Accessories** → **Run**.

    For Windows 8 and Windows Server 2012, right-click on the **Start** screen and click **All apps** → **Run**.

    b Enter "D:\setup.exe" (in case your optical disk drive is D), and then click **OK**.

2 Click the **Setup Printer and Install Software** button.
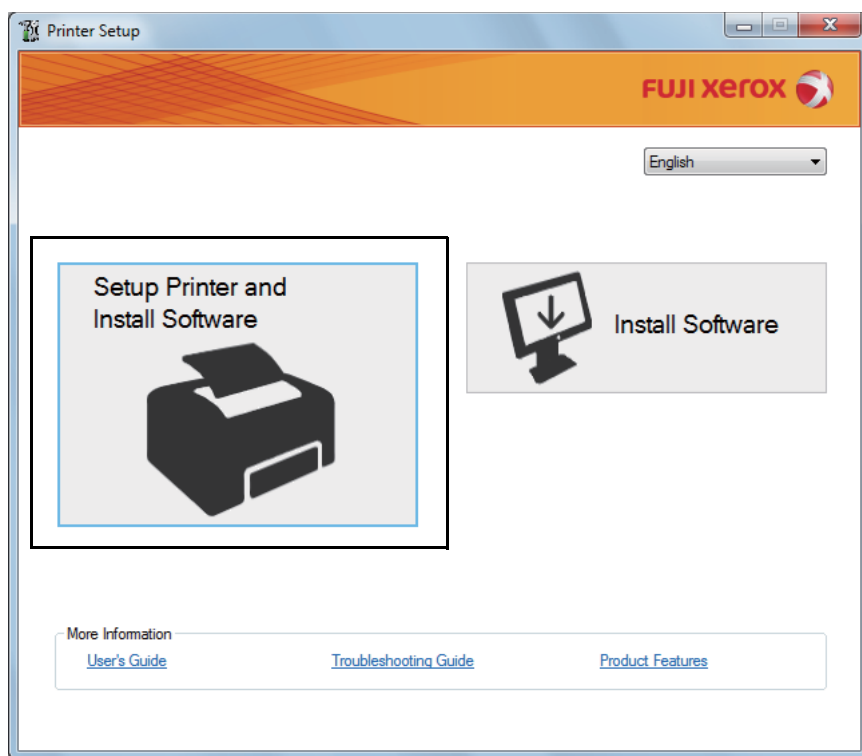
3 If you agree to the terms of the **License Agreement**, choose **I accept the terms of the license agreement**, and then click **Next**.

4 Select a connection method to the printer.

For the wireless connection, go to "Configuring Wireless Connection Settings (DocuPrint CP215 w Only)" on page 72.

For the USB connection, go to "Configuring USB Connection Settings" on page 73.

For the Ethernet connection, go to "Configuring Ethernet Connection Settings" on page 73.
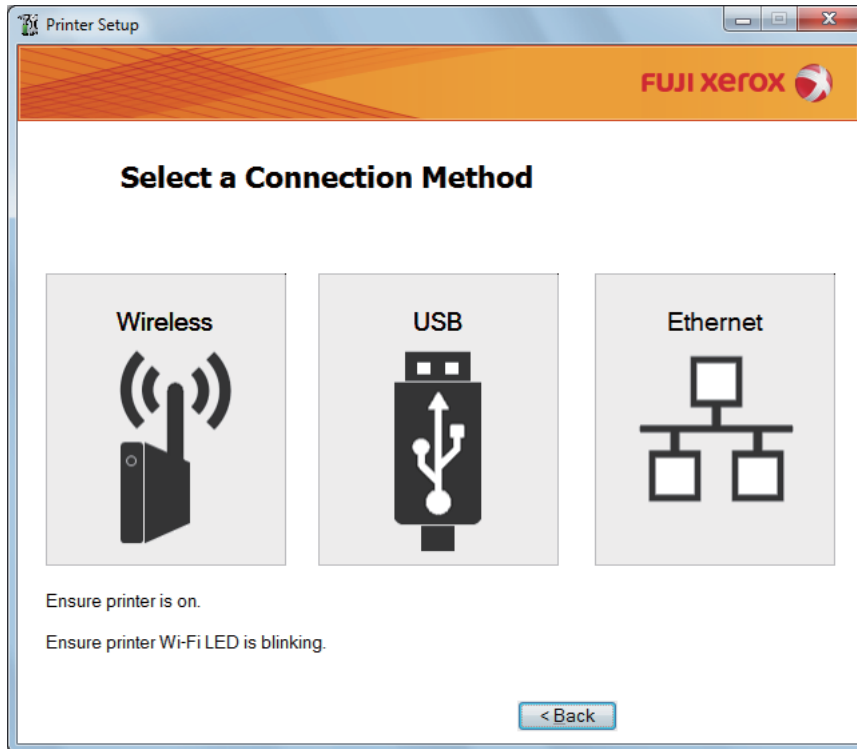
Configuring Wireless Connection Settings (DocuPrint CP215 w Only)

1 Confirm that the printer is turned on and the 📶 (**Wi-Fi**) LED is blinking.

2 Click the **Wireless** button on the **Select a Connection Method** screen.

3 Software automatically detects your network.

If the **Press WPS button on Printer and WPS button on Router** screen is displayed, follow the steps displayed on the screen.

In case the WPS button is not available on your router or you want to set up manually, click **Manual settings** and follow the instructions displayed on the screen.

4 Confirm **SSID** and **Printer name** on the screen, and then click **Next**.

Software automatically detects your printer and installs required driver and software.

5 Click **Finish** to exit the wizard when the **Ready to Print!** screen appears. If necessary, click **Print Test Page** to print a test page.

Configuring USB Connection Settings

1 Confirm that the USB cable is connected to the computer and the printer, and the printer is turned on.

> **NOTE:**
> • For Windows XP or Windows Vista, if **Found New Hardware Wizard** appears, click **Cancel** at this time.

2 Click the **USB** button on the **Select a Connection Method** screen.

The Plug and Play installation starts and the required driver and software are automatically installed.

3 Click **Finish** to exit the wizard when the **Ready to Print!** screen appears. If necessary, click **Print Test Page** to print a test page.

Configuring Ethernet Connection Settings

1 Click the **Ethernet** button on the **Select a Connection Method** screen.

2 Connect the Ethernet cable to the printer and turn on the printer, and then click **Next**.

3 Select a printer you want to install from the **Printer** list, and then click **Next**.

If the target printer is not displayed on the **Printer** list, click the Refresh button to refresh the list or click **Enter IP Address** to add a printer manually.
In **Enter IP Address**, enter assigned IP address to the printer manually, and then click **OK**.

> **NOTE:**
> • If the target printer is not displayed on the list, ensure Ethernet cable is correctly inserted to the printer and the router, and also confirm the printer IP address is properly appointed.

4 Confirm **IP Mode** and **Type**, and then click **Next**.

If you want to change the printer's IP address settings, click **Advanced** and configure the items on the **IP Address Settings** screen. Especially if you want to set up printer with fixed IP, select **Static IP** from **Type**.

5 Check and configure the printer information such as a printer name, default printer setting, printer sharing setting, and then click **Next**.

6 Select the check box of the software and documentation you want to install, and then click **Install**.

7 Click **Finish** to exit the wizard when the **Ready to Print!** screen appears. If necessary, click **Print Test Page** to print a test page.

■ Using Installer to Install Software

If the printer connection via USB/Ethernet/Wireless is already configured and you want to perform the print driver and software installation only, follow the procedure below.

If you have executed the steps in "Using Installer to Set Up Connection and Install Software" on page 71, the following procedure is not necessary.

1 Click the **Install Software** button.
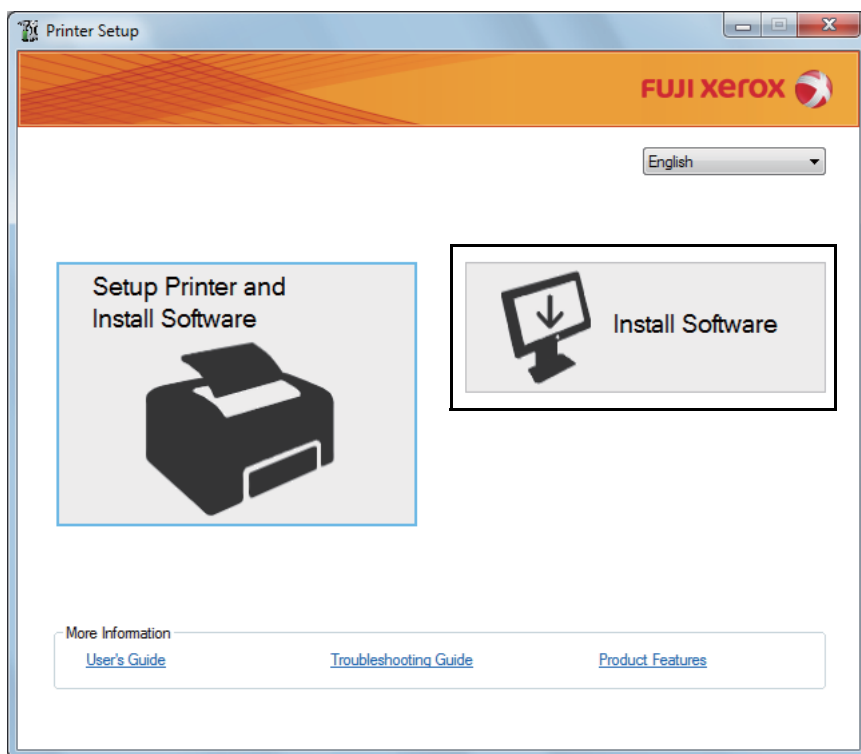
2 If you agree to the terms of the **License Agreement**, choose **I accept the terms of the license agreement**, and then click **Next**.

3 Choose an installation type, and then click **Next**.

For the printer connected to your computer Using the USB cable, select **Personal Installation [USB]**.

For the printer connected to a wired or wireless network, select **Network Installation**.

4 Follow the instructions displayed on the screen to complete the installation.

■ Installing the XML Paper Specification (XPS) Print Driver

This section describes how to install the XML Paper Specification (XPS) print driver using the Windows **Add Printer** wizard.

NOTE:

- The XML Paper Specification (XPS) driver is supported on the following operating systems: Windows Vista, Windows Vista 64-bit Edition, Windows Server 2008, Windows Server 2008 64-bit Edition, Windows Server 2008 R2, Windows 7, Windows 7 64-bit Edition, Windows 8, Windows 8 64-bit Edition, and Windows Server 2012.

Getting the Driver File

1 Insert the *Software Pack CD-ROM* into your computer.

2 Extract the zip file in the following path to your desired location.

D:\Drivers\XPS\Win_87Vista (in case your optical disk drive is D)

Installing the Print Driver

• USB Connection Setup

Windows Vista or Windows Vista 64-bit Edition

1 Click **Start** → **Control Panel** → **Hardware and Sound** → **Printers**.

2 Click **Add a printer**.

3 Click **Add a local printer**.

4 Select the port connected to your printer, and then click **Next**.

5 Click **Have Disk** to display the **Install From Disk** dialog box.

6 Click **Browse**, and then select the extracted setup information (.inf) file in "Getting the Driver File" on page 75.

7 Click **Open**.

8 Click **OK**.

9 Select your printer name and click **Next**.

10 To change the printer name, enter the printer name in the **Printer name** box.

To use this printer as the default printer, select the **Set as the default printer** check box displayed under the **Printer name**.

11 Click **Next**.

Installation starts.

If the **User Account Control** dialog box appears, click **Continue**.

NOTE:
- If you are an administrator on the computer, click **Continue**; otherwise, contact your administrator to continue the desired action.

12 Upon completion of the driver installation, click **Print a test page** to print a test page.

13 Click **Finish**.

Windows Server 2008 or Windows Server 2008 64-bit Edition

NOTE:

• You must log in as an administrator.

1 Click **Start** → **Control Panel** → **Hardware and Sound** → **Printers**.

2 Click **Add a printer**.

3 Click **Add a local printer**.

4 Select the port connected to your printer, and then click **Next**.

5 Click **Have Disk** to display the **Install From Disk** dialog box.

6 Click **Browse**, and then select the extracted setup information (.inf) file in "Getting the Driver File" on page 75.

7 Click **Open**.

8 Click **OK**.

9 Select your printer name and click **Next**.

10 To change the printer name, enter the printer name in the **Printer name** box.

To use this printer as the default printer, select the **Set as the default printer** check box.

11 Click **Next**.

Installation starts.

12 If you do not share your printer, select **Do not share this printer**.

If you share your printer, select **Share this printer so that others on your network can find and use it**.

13 Click **Next**.

14 Upon completion of the driver installation, click **Print a test page** to print a test page.

15 Click **Finish**.

Windows 7, Windows 7 64-bit Edition, or Windows Server 2008 R2

1 Click **Start** → **Devices and Printers**.

2 Click **Add a printer**.

If the **User Account Control** dialog box appears, click **Yes**.

NOTE:
- If you are an administrator on the computer, click **Yes**; otherwise, contact your administrator to continue the desired action.

3 Click **Add a local printer**.

4 Select the port connected to your printer, and then click **Next**.

5 Click **Have Disk** to display the **Install From Disk** dialog box.

6 Click **Browse**, and then select the extracted setup information (.inf) file in "Getting the Driver File" on page 75.

7 Click **Open**.

8 Click **OK**.

9 Select your printer name and click **Next**.

10 To change the printer name, enter the printer name in the **Printer name** box, and then click **Next**.

Installation starts.

11 If you do not share your printer, select **Do not share this printer**.

If you share your printer, select **Share this printer so that others on your network can find and use it**.

12 Click **Next**.

13 To use this printer as the default printer, select the **Set as the default printer** check box.

14 Upon completion of the driver installation, click **Print a test page** to print a test page.

15 Click **Finish**.

Windows 8, Windows 8 64-bit Edition, or Windows Server 2012

1   On the **Desktop** screen, place the mouse pointer in the upper right corner of the screen and move the mouse down, and then select **Settings**.

2   Click **Control Panel** → **Hardware and Sound** (**Hardware** for Windows Server 2012) → **Devices and Printers**.

3   Click **Add a printer**.

4   Click **The printer that I want isn't listed**.

5   Select **Add a local printer or network printer with manual settings**, and then click **Next**.

6   Select the port connected to your printer, and then click **Next**.

7   Click **Have Disk** to display the **Install From Disk** dialog box.

8   Click **Browse**, and then select the extracted setup information (.inf) file in "Getting the Driver File" on page 75.

9   Click **Open**.

10 Click **OK**.

11 Select your printer name and click **Next**.

12 To change the printer name, enter the printer name in the **Printer name** box, and then click **Next**.

    Installation starts.

    If the **User Account Control** dialog box appears, click **Yes**.

    NOTE:
    • If you are an administrator on the computer, click **Yes**; otherwise, contact your administrator to continue the desired action.

13 If you do not share your printer, select **Do not share this printer**.

    If you share your printer, select **Share this printer so that others on your network can find and use it**.

14 Click **Next**.

15 To use this printer as the default printer, select the **Set as the default printer** check box.

16 Upon completion of the driver installation, click **Print a test page** to print a test page.

17 Click **Finish**.

• Network Connection Setup

Windows Vista and Windows Vista 64-bit Edition

1 Click **Start** → **Control Panel** → **Hardware and Sound** → **Printers**.

2 Click **Add a printer**.

3 Click **Add a network, wireless or Bluetooth printer**.

4 Select a printer or click **The printer that I want isn't listed**.

If you have selected your printer, go to step **7**.

If you have clicked **The printer that I want isn't listed**, go to step **5**.

5 Select **Add a printer using a TCP/IP address or host name**, and then click **Next**.

6 Select **TCP/IP Device** from **Device type**, and enter the IP address in the **Hostname or IP address** box, and then click **Next**.

If the **User Account Control** dialog box appears, click **Continue**.

> **NOTE:**
> • If you are an administrator on the computer, click **Continue**; otherwise, contact your administrator to continue the desired action.

7 Click **Have Disk** to display the **Install From Disk** dialog box.

8 Click **Browse**, and then select the extracted setup information (.inf) file in "Getting the Driver File" on page 75.

9 Click **Open**.

10 Click **OK**.

11 Select your printer name and click **Next**.

12 To change the printer name, enter the printer name in the **Printer name** box.

To use this printer as the default printer, select the **Set as the default printer** check box.

13 Click **Next**.

Installation starts.

14 Upon completion of the driver installation, click **Print a test page** to print a test page.

15 Click **Finish**.

Windows Server 2008 and Windows Server 2008 64-bit Edition

NOTE:
- You must log in as an administrator.

1 Click **Start** → **Control Panel** → **Hardware and Sound** → **Printers**.

2 Click **Add a printer**.

3 Click **Add a network, wireless or Bluetooth printer**.

4 Select a printer or click **The printer that I want isn't listed**.

   If you have selected your printer, go to step **7**.

   If you have clicked **The printer that I want isn't listed**, go to step **5**.

5 Select **Add a printer using a TCP/IP address or host name**, and then click **Next**.

6 Select **TCP/IP Device** from **Device type**, and enter the IP address in the **Hostname or IP address box**, and then click **Next**.

   If the **User Account Control** dialog box appears, click **Continue**.

   NOTE:
   - If you are an administrator on the computer, click **Continue**; otherwise, contact your administrator to continue the desired action.

7 Click **Have Disk** to display the **Install From Disk** dialog box.

8 Click **Browse**, and then select the extracted setup information (.inf) file in "Getting the Driver File" on page 75.

9 Click **Open**.

10 Click **OK**.

11 Select your printer name and click **Next**.

12 To change the printer name, enter the printer name in the **Printer name** box.

   To use this printer as the default printer, select the **Set as the default printer** check box.

13 Click **Next**.

   Installation starts.

14 If you do not want your printer shared, select **Do not share this printer**. Otherwise, select **Share this printer so that others on your network can find and use it**.

15 Click **Next**.

16 Upon completion of the driver installation, click **Print a test page** to print a test page.

17 Click **Finish**.

Windows Server 2008 R2

1 Click **Start** → **Devices and Printers**.

2 Click **Add a printer**.

3 Click **Add a network, wireless or Bluetooth printer**.

4 Select a printer or click **The printer that I want isn't listed**.

> **NOTE:**
> • If you click **The printer that I want isn't listed**, the **Find a printer by name or TCP/IP address** screen appears. Find your printer on the screen.

If the **User Account Control** dialog box appears, click **Continue**.

> **NOTE:**
> • If you are an administrator on the computer, click **Continue**; otherwise, contact your administrator to continue the desired action.

5 Click **Have Disk** to display the **Install From Disk** dialog box.

6 Click **Browse**, and then select the extracted setup information (.inf) file in "Getting the Driver File" on page 75.

7 Click **Open**.

8 Click **OK**.

9 Select your printer name and click **Next**.

10 To change the printer name, enter the printer name in the **Printer name** box, and then click **Next**. Installation starts.

11 If you do not want your printer shared, select **Do not share this printer**. Otherwise, select **Share this printer so that others on your network can find and use it**.

12 Click **Next**.

13 To use this printer as the default printer, select the **Set as the default printer** check box.

14 Upon completion of the driver installation, click **Print a test page** to print a test page.

15 Click **Finish**.

Windows 7 and Windows 7 64-bit Edition

1 Click **Start** → **Devices and Printers**.

2 Click **Add a printer**.

3 Click **Add a network, wireless or Bluetooth printer**.

4 Select a printer or click **The printer that I want isn't listed**.

   If you have selected your printer, go to step **7**.

   If you have clicked **The printer that I want isn't listed**, go to step **5**.

5 Select **Add a printer using a TCP/IP address or host name**, and then click **Next**.

6 Select **TCP/IP Device** from **Device type**, and enter the IP address in the **Hostname or IP address box**, and then click **Next**.

   If the **User Account Control** dialog box appears, click **Yes**.

   NOTE:
   • If you are an administrator on the computer, click **Yes**; otherwise, contact your administrator to continue the desired action.

7 Click **Have Disk** to display the **Install From Disk** dialog box.

8 Click **Browse**, and then select the extracted setup information (.inf) file in "Getting the Driver File" on page 75.

9 Click **Open**.

10 Click **OK**.

11 Select your printer name and click **Next**.

12 To change the printer name, enter the printer name in the **Printer name** box, and then click **Next**.

   Installation starts.

13 If you do not want your printer shared, select **Do not share this printer**. Otherwise, select **Share this printer so that others on your network can find and use it**.

14 Click **Next**.

15 To use this printer as the default printer, select the **Set as the default printer** check box.

16 Upon completion of the driver installation, click **Print a test page** to print a test page.

17 Click **Finish**.

Windows 8, Windows 8 64-bit Edition, or Windows Server 2012

1   On the **Desktop** screen, place the mouse pointer in the upper right corner of the screen and move the mouse down, and then select **Settings**.

2   Click **Control Panel** → **Hardware and Sound** (**Hardware** for Windows Server 2012) → **Devices and Printers**.

3   Click **Add a printer**.

4   Select a printer or click **The printer that I want isn't listed**.

If you have selected your printer, go to step **7**.

If you have clicked **The printer that I want isn't listed**, go to step **5**.

5   Select **Add a printer using a TCP/IP address or host name**, and then click **Next**.

6   Select **TCP/IP Device** from **Device type**, and enter the IP address in the **Hostname or IP address** box, and then click **Next**.

7   Click **Have Disk** to display the **Install From Disk** dialog box.

8   Click **Browse**, and then select the extracted setup information (.inf) file in "Getting the Driver File" on page 75.

9   Click **Open**.

10   Click **OK**.

11   Select your printer name and click **Next**.

12   To change the printer name, enter the printer name in the **Printer name** box, and then click **Next**.

Installation starts.

If the **User Account Control** dialog box appears, click **Yes**.

NOTE:
• If you are an administrator on the computer, click **Yes**; otherwise, contact your administrator to continue the desired action.

13   If you do not want your printer shared, select **Do not share this printer**. Otherwise, select **Share this printer so that others on your network can find and use it**.

14   Click **Next**.

15   To use this printer as the default printer, select the **Set as the default printer** check box.

16   Upon completion of the driver installation, click **Print a test page** to print a test page.

17   Click **Finish**.

■ Setting Up for Web Services on Devices (WSD)

This section provides information for network printing with WSD, the Microsoft protocol for Windows Vista and later operating systems.

For Windows Vista, Windows 7 and Windows 8, your printer is added with WSD by using the installer on the *Software Pack CD-ROM*. For details, see .

For Windows Server 2008, Windows Server 2008 R2 and Windows Server 2012, you need to add the roles of print services first, and then install the print driver using the Windows **Add Printer** wizard. Follow the instructions below.

NOTE:
• WSD stands for Web Services on Devices.

This section includes:

Adding Roles of Print Services

• For Windows Server 2008:

1 Click **Start** → **Administrative Tools** → **Server Manager**.

2 From the **Action** menu, select **Add Roles**.

3 Select the **Print Services** check box on the **Server Roles** window in the **Add Roles Wizard**, and then click **Next**.

4 Click **Next**.

5 Select the **Print Server** check box, and then click **Next**.

6 Click **Install**.

• For Windows Server 2008 R2:

1 Click **Start** → **Administrative Tools** → **Server Manager**.

2 From the **Action** menu, select **Add Roles**.

3 Select the **Print and Document Services** check box on the **Server Roles** window in the **Add Roles Wizard**, and then click **Next**.

4 Click **Next**.

5 Select the **Print Server** check box, and then click **Next**.

6 Click **Install**.

- **For Windows Server 2012:**

1 On the **Start** screen, click **Server Manager**.

2 Click **Add roles and features** to start **Add Roles and Features Wizard**.

3 Specify the settings and click **Next** until the **Select server roles** screen is displayed.

4 Select the **Print and Document Services** check box.

5 On the pop-up window, click **Add Features**.

6 Click **Next**.

7 Click **Next** on the **Select features** screen.

8 Check the explanation for **Print and Document Services** and click **Next**.

9 Select the **Print Server** check box, and then click **Next**.

10 Click **Install**.

Installing a Print Driver Using the Add Printer Wizard

1 For Windows Server 2008 R2, click **Start** → **Devices and Printers**.

For Windows Server 2008, click **Start** → **Control Panel** → **Printer**.

For Windows Server 2012, on the **Desktop** screen, place the mouse pointer in the upper right corner of the screen and move the mouse down, and then select **Settings**. Click **Control Panel** → **Hardware** → **Devices and Printers**.

2 Click **Add a printer** to launch the **Add Printer** Wizard.

For Windows Server 2012, go to step **4**.

3 Select **Add a network, wireless or Bluetooth printer**.

4 In the list of available printers, select the one you want to use, and then click **Next**.

NOTE:
- In the list of available printers, the WSD printer is displayed in the form of **http://**IP address**/ws/**.
- If no WSD printer is displayed in the list, enter the printer's IP address manually to create a WSD printer. To enter the printer's IP address manually, follow the instructions below.
  To create a WSD printer, you must be a member of Administrators group.
  - **1** Click **The printer that I want isn't listed**.
  - **2** Select **Add a printer using a TCP/IP address or hostname** and click **Next**.
  - **3** Select **Web Services Device** from **Device type**.
  - **4** Enter the printer's IP address in the **Hostname or IP address** text box and click **Next**.
- Before installing the driver using the **Add Printer** wizard on Windows Server 2008 R2, add the print driver to your computer.

5 If prompted, install the print driver on your computer. If you are prompted for an administrator password or confirmation, type the password or provide confirmation.

6 Complete the additional steps in the wizard, and then click **Finish**.

7 Print a test page to verify printer installation.

    a Open the **Devices and Printers** or **Printers** folder by performing step **1**.

    b Right-click the printer you just created, and then click **Printer properties** (**Properties** for Windows Server 2008).

    c On the **General** tab, click **Print Test Page**. When a test page is printed successfully, the installation is complete.

■ Setting Up for Shared Printing

You can share your new printer on the network using the *Software Pack CD-ROM* that shipped with your printer, or using Windows Point and Print or peer-to-peer method.

This section describes Point and Print and peer-to-peer methods. Configure the printer sharing settings on the server computer, and then install its driver on all the client computers that use the shared printer using Point and Print or peer-to-peer method. Using either of the methods, however, you will not be able to use features such as the SimpleMonitor and other printer utilities, which will be installed from the *Software Pack CD-ROM*.

NOTE:
• You need to purchase an Ethernet cable separately for shared printing.

Configuring the Sharing Settings of Your Printer

• For Windows XP, Windows XP 64-bit Edition, Windows Server 2003, and Windows Server 2003 x64 Edition

1 Click **Start** (**start** for Windows XP) → **Printers and Faxes**.

2 Right-click this printer icon and select **Properties**.

3 From the **Sharing** tab, select the **Share this printer** check box, and then enter a name in the **Share name** text box.

4 Click **Additional Drivers** and select the operating systems of all network clients using this printer.

5 Click **OK**.

If the files are not present in your computer, and then you will be prompted to insert the server operating system CD.

6 Click **Apply**, and then click **OK**.

• For Windows Vista and Windows Vista 64-bit Edition

1 Click **Start** → **Control Panel** → **Hardware and Sound** → **Printers**.

2 Right-click the printer icon and select **Sharing**.

3 Click the **Change sharing options** button.
The "**Windows needs your permission to continue**" appears.

4 Click **Continue**.

5 Select the **Share this printer** check box, and then enter a name in the **Share name** text box.

6 Select **Additional Drivers** and select the operating systems of all network clients using this printer.

7 Click **OK**.

8 Click **Apply**, and then click **OK**.

• For Windows Server 2008 and Windows Server 2008 64-bit Edition

1 Click **Start** → **Control Panel** → **Hardware and Sound** → **Printers**.

2 Right-click the printer icon and select **Sharing**.

3 Select the **Share this printer** check box, and then enter a name in the **Share name** text box.

4 Click **Additional Drivers** and select the operating systems of all network clients using this printer.

5 Click **OK**.

6 Click **Apply**, and then click **OK**.

• For Windows 7, Windows 7 64-bit Edition, and Windows Server 2008 R2

1 Click **Start** → **Devices and Printers**.

2 Right-click the printer icon and select **Printer properties**.

3 On the **Sharing** tab, select the **Share this printer** check box, and then enter a name in the **Share name** text box.

4 Click **Additional Drivers** and select the operating systems of all network clients using this printer.

5 Click **OK**.

6 Click **Apply**, and then click **OK**.

• For Windows 8, Windows 8 64-bit Edition, and Windows Server 2012

1 On the **Desktop** screen, place the mouse pointer in the upper right corner of the screen and move the mouse down, and then select **Settings**.

2 Click **Control Panel** → **Hardware and Sound** (**Hardware** for Windows Server 2012) → **Devices and Printers**.

3 Right-click the printer icon and select **Printer properties**.

4 On the **Sharing** tab, select the **Share this printer** check box, and then enter a name in the **Share name** text box.

5 Click **Additional Drivers** and select the operating systems of all network clients that print to the printer.

6 Click **OK**.

7 Click **Apply**, and then click **OK**.

To check that the printer is shared:

- Make sure that the printer object in the **Printers, Printers and Faxes** or **Devices and Printers** folder is shared. The share icon is shown under the printer icon.
- Browse **Network** or **My Network Places**. Find the host name of the server and look for the shared name you assigned to the printer.

Now that the printer is shared, you can install the printer on network clients using the Point and Print method or the peer-to-peer method.

Point and Print

Point and Print is a Microsoft Windows technology that allows you to connect to a remote printer. This feature automatically downloads and installs the print driver.

• For Windows XP, Windows XP 64-bit Edition, Windows Server 2003, and Windows Server 2003 x64 Edition

1 On the Windows desktop of the client computer, double-click **My Network Places**.

2 Locate the host name of the server computer, and then double-click the host name.

3 Right-click the shared printer name, and then click **Connect**.
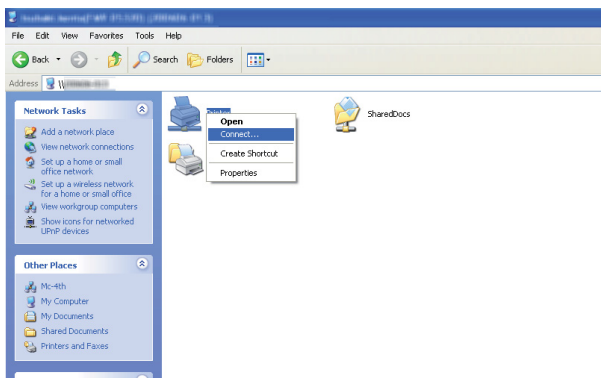
Wait for the driver information to be copied from the server computer to the client computer, and for a new printer object to be added to the **Printers and Faxes** folder. The time taken to copy varies based on the network traffic.

4 Close **My Network Places**.

5 Print a test page to verify installation.

   a Click **start** (**Start** for Windows Server 2003/Windows Server 2003 x64 Edition) → **Printers and Faxes**.

   b Select the printer you have installed.

   c Click **File** → **Properties**.

   d On the **General** tab, click **Print Test Page**.

      When a test page is printed successfully, the installation is complete.

• For Windows Vista and Windows Vista 64-bit Edition

1 Click **Start → Network**.

2 Locate and double-click the host name of the server computer.

3 Right-click the shared printer name, and then click **Connect**.

4 Click **Install driver**.

5 Click **Continue** in the **User Account Control** dialog box.

Wait until the driver is copied from the server to the client computer. A new printer object is added to the **Printers** folder. The duration of this procedure may vary based on the network traffic.

6 Print a test page to verify installation.

   a Click **Start → Control Panel → Hardware and Sound**.

   b Select **Printers**.

   c Right-click the printer you just created and select **Properties**.

   d On the **General** tab, click **Print Test Page**.

     When a test page is printed successfully, the installation is complete.

• For Windows Server 2008 and Windows Server 2008 64-bit Edition

1 Click **Start → Network**.

2 Locate the host name of the server computer, and then double-click the host name.

3 Right-click the shared printer name, and then click **Connect**.

4 Click **Install driver**.

5 Wait until the driver is copied from the server to the client computer. A new printer object will be added to the **Printers** folder. The time taken for these activities varies based on network traffic.

6 Print a test page to verify installation.

   a Click **Start → Control Panel**.

   b Select **Hardware and Sound**.

   c Select **Printers**.

   d Right-click the printer you just created and select **Properties**.

   e On the **General** tab, click **Print Test Page**.

     When a test page is printed successfully, the installation is complete.

• For Windows 7, Windows 7 64-bit Edition, and Windows Server 2008 R2

1 Click **Start** → **Computer** → **Network** (**Start** → **Network** for Windows Server 2008 R2).

2 Locate the host name of the server computer, and then double-click the host name.

3 Right-click the shared printer name, and then click **Connect**.

4 Click **Install driver**.

5 Wait until the driver is copied from the server to the client computer. A new printer object will be added to the **Devices and Printers** folder. The time taken for these activities varies based on network traffic.

6 Print a test page to verify installation.

   a Click **Start** → **Devices and Printers**.

   b Right-click the printer you just created and select **Printer properties**.

   c On the **General** tab, click **Print Test Page**.

     When a test page is printed successfully, the installation is complete.
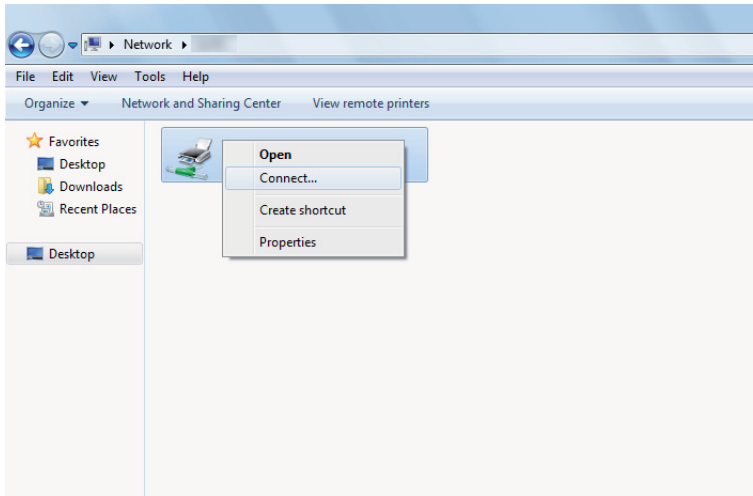
• For Windows 8, Windows 8 64-bit Edition, and Windows Server 2012

1 On the **Desktop** screen, place the mouse pointer in the upper right corner of the screen and move the mouse down, and then select **Settings**.

2 Click **Control Panel** → **Network and Internet** → **View network computers and devices**.

3 Locate the host name of the server computer, and then double-click the host name.

4 Right-click the shared printer name, and then click **Connect**.

5 Click **Install driver**.

6 Wait until the driver is copied from the server to the client computer. A new printer object will be added to the **Devices and Printers** folder. The time taken for these activities varies based on network traffic.

7 Print a test page to verify installation.

    a On the **Desktop** screen, place the mouse pointer in the upper right corner of the screen and move the mouse down, and then select **Settings**.

    b Click **Control Panel** → **Hardware and Sound** (**Hardware** for Windows Server 2012) → **Devices and Printers**.

    c Right-click the printer you just created and select **Printer properties**.

    d On the **General** tab, click **Print Test Page**.

       When a test page is printed successfully, the installation is complete.

Peer-to-Peer

Peer-to-Peer is a technology that allows you to connect to a printer connected to a host computer. You are required to download and install the print driver during the connection set up.

• For Windows XP, Windows XP 64-bit Edition, Windows Server 2003, and Windows Server 2003 x64 Edition

1 Click **start** (**Start** for Windows Server 2003/Windows Server 2003 x64 Edition) → **Printers and Faxes**.

2 Click **Add a printer** (**Add Printer** for Windows Server 2003/Windows Server 2003 x64 Edition) to launch the **Add Printer Wizard**.

3 Click **Next**.

4 Select **A network printer, or a printer attached to another computer**, and then click **Next**.

5 Click **Browse for a printer**, and then click **Next**.

6 Select the printer, and then click **Next**.

If the printer is not listed, click **Back** and enter in the path of the printer in the text box.

For example: \\<server host name>\<shared printer name>

The server host name is the name of the server computer that identifies it to the network. The shared printer name is the name assigned during the server installation process.

If this is a new printer, you may be prompted to install a print driver. If no system driver is available, specify the location where the driver is available.

7 Select **Yes** if you want this printer to be set as the default printer, and then click **Next**.

8 Click **Finish**.

• For Windows Vista and Windows Vista 64-bit Edition

1 Click **Start** → **Control Panel** → **Hardware and Sound** → **Printers**.

2 Click **Add a printer** to launch the **Add Printer** wizard.

3 Select **Add a network, wireless or Bluetooth printer**, and then click **Next**.

If the printer is listed, select the printer and click **Next**.

If the printer is not listed, click **The printer that I want isn't listed**.

    a Click **Select a shared printer by name**.

    b Enter the path to the printer in the text box, and then click **Next**.

For example: \\<server host name>\<shared printer name>

The server host name is the name of the server computer that identifies it on the network. The shared printer name is the name assigned during the server installation process.

If this is a new printer, you may be prompted to install a print driver. If no system driver is available, specify the location where the driver is available.

4 Perform the following as required, and then click **Next**.

- Click **Yes** to set this printer as the default printer.
- Click **Print a test page** to print a test page for verifying installation.

5 Click **Finish**.

If a test page is printed successfully, the installation is complete.

• For Windows Server 2008 and Windows Server 2008 64-bit Edition

1 Click **Start** → **Control Panel** → **Hardware and Sound** → **Printers**.

2 Click **Add a printer** to launch the **Add Printer** wizard.

3 Select **Add a network, wireless or Bluetooth printer**, and then click **Next**.

If the printer is listed, select the printer and click **Next**.

If the printer is not listed, click **The printer that I want isn't listed**.

    a Click **Select a shared printer by name**.

    b Enter the path to the printer in the text box, and then click **Next**.

       For example: \\<server host name>\<shared printer name>

       The server host name is the name of the server computer that identifies it on the network. The shared printer name is the name assigned during the server installation process.

       If this is a new printer, you may be prompted to install a print driver. If no system driver is available, specify the location where the driver is available.

4 Perform the following as required, and then click **Next**.

   • Click **Yes** to set this printer as the default printer.

   • Click **Print a test page** to print a test page for verifying installation.

5 Click **Finish**.

If a test page is printed successfully, the installation is complete.

• For Windows 7, Windows 7 64-bit Edition, and Windows Server 2008 R2

1 Click **Start** → **Devices and Printers**.

2 Click **Add a printer** to launch the **Add Printer** wizard.

3 Select **Add a network, wireless or Bluetooth printer**.

If the printer is listed, select the printer and click **Next**.

If the printer is not listed, click **The printer that I want isn't listed**.

   a Click **Select a shared printer by name**.

   b Enter the path to the printer in the text box, and then click **Next**.

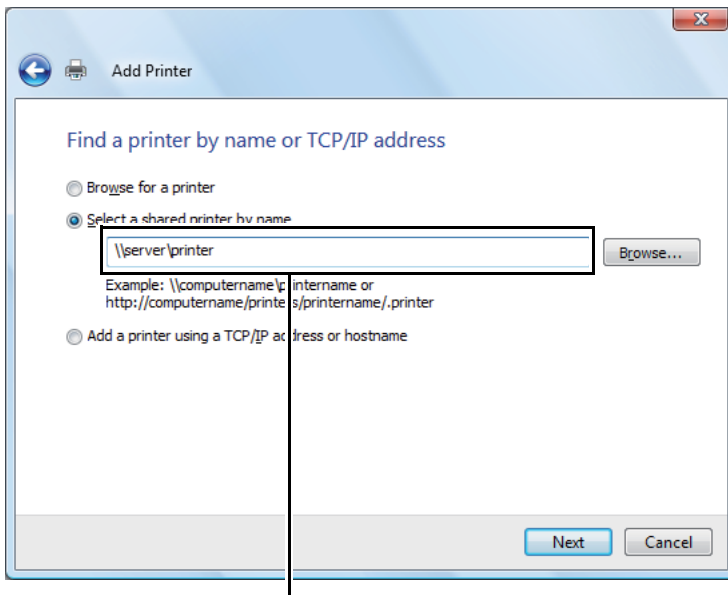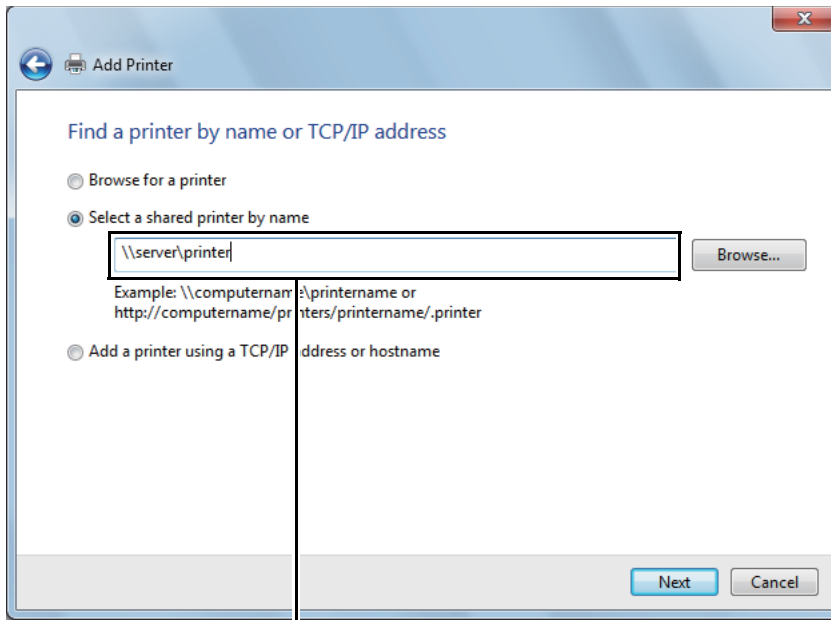For example: \\<server host name>\<shared printer name>

The server host name is the name of the server computer that identifies it to the network. The shared printer name is the name assigned during the server installation process.

If this is a new printer, you may be prompted to install a print driver. If no system driver is available, you need to specify the path to the available drivers.

4 Perform the following as required, and then click **Finish**.

   • Click **Set as the default printer** to set this printer as the default printer.

   • Click **Print a test page** to print a test page for verifying installation.

If a test page is printed successfully, the installation is complete.

• For Windows 8, Windows 8 64-bit Edition, and Windows Server 2012

1   On the **Desktop** screen, place the mouse pointer in the upper right corner of the screen and move the mouse down, and then select **Settings**.

2   Click **Control Panel** → **Hardware and Sound** (**Hardware** for Windows Server 2012) → **Devices and Printers**.

3   Click **Add a printer** to launch the **Add Printer** wizard.

4   If the printer is listed, select the printer and click **Next**.

   If the printer is not listed, click **The printer that I want isn't listed**.

   a   Click **Select a shared printer by name**.

   b   Enter the path to the printer in the text box, and then click **Next**.
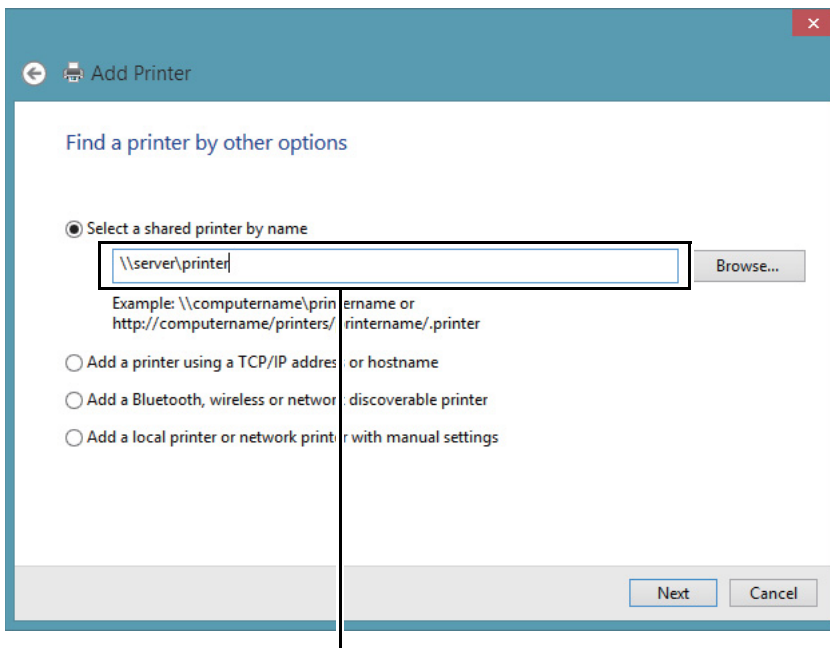
   For example: \\<server host name>\<shared printer name>

   The server host name is the name that identifies the server computer on the network. The shared printer name is the name assigned during the server installation process.

   If this is a new printer, you may be prompted to install a print driver. If no print drivers are available, you will need to provide a path to your print driver.

5   Confirm the printer name, and then click **Next**.

6   Perform the following as required, and then click **Finish**.

   •   Click **Set as the default printer** to set this printer as the default printer.

   •   Click **Print a test page** to print a test page for verifying installation.

   If a test page is printed successfully, the installation is complete.

Configuring Printer and Installing Software on Mac OS X

This section includes:

■ Installing Software

1 Run the *Software Pack CD-ROM* on the Mac OS X.

2 Double-click the CD-ROM icon displayed on the desktop.

3 Launch the installer from the **10.4** or **10.5_or_later** folder depending on the version of your operating system.

NOTE:
- For the Mac OS X 10.4.11, click **Continue** on the confirmation message.

4 Click **Continue** on the **Introduction** screen.

5 Select a language for the **Software License Agreement**.

6 After reading the **Software License Agreement**, click **Continue**.

7 If you agree to the terms of the **Software License Agreement**, click **Agree** to continue the installation process.

NOTE:
- When the screen to select the installation destination appears, select an installation location and click **Continue**.

8 Click **Install** to perform the standard installation.

9 Enter the administrator's name and password, and then click **OK** (**Install Software** for Mac OS X 10.7-10.8).

10 Click **Close** to complete the installation.

■ Adding a Printer

Adding a Printer on Mac OS X 10.7/10.8

• When Using a USB connection

1   Turn on the printer.

2   Connect the printer and your computer with the USB cable.

3   Display **System Preferences**, and then click **Print & Scan**.

4   Confirm your USB printer is added to **Print & Scan**.
       If your USB printer is not displayed, execute the following procedures.

5   Click the plus (**+**) sign, and then click **Default**.

6   Select the printer connected via USB from the **Printer Name** (**Name** for Mac OS X 10.8) list.
       Name, **Location**, and **Print Using** (**Use** for Mac OS X 10.8) are automatically entered.

7   Click **Add**.

• When Using Bonjour

1   Turn on the printer.

2   Make sure that your computer is connected to the network.
       If you use wired connection, make sure that the Ethernet cable is connected between the printer and the network.
       If you use wireless connection, make sure that wireless connection is configured properly on your computer and printer.

3   Display **System Preferences**, and then click **Print & Scan**.

4   Click the plus (**+**) sign, and select the printer from **Nearby Printers**. The printer will be added to **Print & Scan**.
       If there are no printers in **Nearby Printers**, select **Add Other Printer or Scanner** (**Add Printer or Scanner** for Mac OS X 10.8), and then click **Default**. Proceed to step **5**.

5   Select the printer connected via Bonjour from the **Printer Name** (**Name** for Mac OS X 10.8) list.
       Name and **Print Using** (**Use** for Mac OS X 10.8) are automatically entered.

6   Click **Add**.

• When Using IP Printing

1 Turn on the printer.

2 Make sure that your computer is connected to the network.

If you use wired connection, make sure that the Ethernet cable is connected between the printer and the network.

If you use wireless connection, make sure that wireless connection is configured properly on your computer and printer.

3 Display **System Preferences**, and then click **Print & Scan**.

4 Click the plus (**+**) sign, and then click **IP**.

5 Select **Line Printer Daemon - LPD** for **Protocol**.

6 Enter the IP address of the printer in the **Address** area.

7 Select the model of your printer for **Print Using** (**Use** for Mac OS X 10.8).

   NOTE:
   • When the printing is set up using IP printing, the queue name is displayed as blank. You do not need to specify it.

8 Click **Add**.

Adding a Printer on Mac OS X 10.5.8/10.6

• When Using a USB connection

1 Turn on the printer.

2 Connect the printer and your computer with the USB cable.

3 Display **System Preferences**, and then click **Print & Fax**.

4 Confirm your USB printer is added to **Print & Fax** in **System Preferences**.

If your USB printer is not displayed, execute the following procedures.

5 Click the plus (**+**) sign, and then click **Default**.

6 Select the printer connected via USB from the **Printer Name** list.

Name, **Location**, and **Print Using** are automatically entered.

7 Click **Add**.

• When Using Bonjour

1   Turn on the printer.

2   Make sure that your computer is connected to the network.

      If you use wired connection, make sure that the Ethernet cable is connected between the printer and the network.

      If you use wireless connection, make sure that wireless connection is configured properly on your computer and printer.

3   Display **System Preferences**, and then click **Print & Fax**.

4   Click the plus (**+**) sign, and then click **Default**.

5   Select the printer connected via Bonjour from the **Printer Name** list.

      Name and **Print Using** are automatically entered.

6   Click **Add**.

• When Using IP Printing

1   Turn on the printer.

2   Make sure that your computer is connected to the network.

      If you use wired connection, make sure that the Ethernet cable is connected between the printer and the network.

      If you use wireless connection, make sure that wireless connection is configured properly on your computer and printer.

3   Display **System Preferences**, and then click **Print & Fax**.

4   Click the plus (**+**) sign, and then click **IP**.

5   Select **Line Printer Daemon - LPD** for **Protocol**.

6   Enter the IP address of the printer in the **Address** area.

7   Select the model of your printer for **Print Using**.

      NOTE:
   - When the printing is set up using IP printing, the queue name is displayed as blank. You do not need to specify it.

8   Click **Add**.

Adding a Printer on Mac OS X 10.4.11

• When Using a USB Connection

1   Turn on the printer.

2   Connect the printer and your computer with the USB cable.

3   Start **Printer Setup Utility**.

   NOTE:
   •   You can find **Printer Setup Utility** in the **Utilities** folder in **Applications**.

4   Confirm your USB printer is added to **Printer List**.

   If your USB printer is not displayed, execute the following procedures.

5   Click **Add**.

6   Click **Default Browser** in the **Printer Browser** dialog box.

7   Select the printer connected via USB from the **Printer Name** list.

   Name, **Location** and **Print Using** are automatically entered.

8   Click **Add**.

• When Using Bonjour

1   Turn on the printer.

2   Make sure that your computer is connected to the network.

   If you use wired connection, make sure that the Ethernet cable is connected between the printer and the network.

   If you use wireless connection, make sure that wireless connection is configured properly on your computer and printer.

3   Start **Printer Setup Utility**.

   NOTE:
   •   You can find **Printer Setup Utility** in the **Utilities** folder in **Applications**.

4   Click **Add**.

5   Click **Default Browser** in the **Printer Browser** dialog box.

6   Select the printer connected via Bonjour from the **Printer Name** list.

   Name and **Print Using** are automatically entered.

7   Click **Add**.

• **When Using IP Printing**

1   Turn on the printer.

2   Make sure that your computer is connected to the network.

If you use wired connection, make sure that the Ethernet cable is connected between the printer and the network.

If you use wireless connection, make sure that wireless connection is configured properly on your computer and printer.

3   Start **Printer Setup Utility**.

NOTE:
- You can find **Printer Setup Utility** in the **Utilities** folder in **Applications**.

4   Click **Add**.

5   Click **IP Printer** in the **Printer Browser** dialog box.

6   Select **Line Printer Daemon - LPD** for **Protocol**.

7   Enter the IP address of the printer in the **Address** area.

8   Select **FX** for **Print Using**, and then select the model of your printer.

NOTE:
- When the printing is set up using IP printing, the queue name is displayed as blank. You do not need to specify it.

9   Click **Add**.

5

Printing Basics

This chapter includes:

About Print Media

This section includes:

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-
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Using paper that is not appropriate for the printer can cause paper jams, image quality problems, or printer failure. To achieve the best performance from your printer, we recommend you to use only the paper described in this section.

When using paper other than that recommended, contact the Fuji Xerox local representative office or an authorized dealer.

■ Print Media Usage Guidelines

The printer tray accommodates various sizes and types of paper and other specialty media. Follow these guidelines when loading paper and media in the tray:

- Envelopes can be printed from the multipurpose feeder and priority sheet inserter.
- Fan paper or other specialty media before loading in the paper tray.
- Do not print on label stock once a label has been removed from a sheet.
- Use only paper envelopes. Do not use envelopes with windows, metal clasps, or adhesives with release strips.
- Print all envelopes single-sided only.
- Some wrinkling and embossing may occur when printing envelopes.
- Do not overload the paper tray. Do not load print media above the fill line on the inside of the paper width guides.
- Adjust the paper width guides to fit the paper size.
- If excessive jams occur, use paper or other media from a new package.

⚠ **WARNING:**

- **Do not use conductive paper such as origami paper, carbonic paper or conductively-coated paper. When paper jam occurs, it may cause short-circuit and eventually a fire accident.**

See also:

-
-
-
-
-

■ Print Media That Can Damage Your Printer

Your printer is designed to use a variety of media types for print jobs. However, some media can cause poor output quality, increased paper jams, or damage to your printer.

Unacceptable media includes:

- Rough or porous media
- Plastic media
- Paper that has been folded or wrinkled
- Paper with staples
- Envelopes with windows or metal clasps
- Padded envelopes
- Non-laser glossy or coated paper
- Perforated media

> ⚠️ **WARNING:**
> - **Do not use conductive paper such as origami paper, carbonic paper or conductively-coated paper. When paper jam occurs, it may cause short-circuit and eventually a fire accident.**

■ Print Media Storage Guidelines

Providing good storage conditions for your paper and other media contributes to optimum print quality.

- Store print media in dark, cool, relatively dry locations. Most paper items are susceptible to damage from ultraviolet (UV) and visible light. UV radiation, which is emitted by the sun and fluorescent bulbs, is particularly damaging to paper items. The intensity and length of exposure to visible light on paper items should be reduced as much as possible.
- Maintain constant temperatures and relative humidity.
- Avoid attics, kitchens, garages, and basements for storing print media.
- Store print media flat. Print media should be stored on pallets, cartons, shelves, or in cabinets.
- Avoid having food or drinks in the area where print media is stored or handled.
- Do not open sealed packages of paper until you are ready to load them into the printer. Leave paper in the original packaging. For most commercial cut-size grades, the ream wrapper contains an inner lining that protects the paper from moisture loss or gain.
- Leave the media inside the bag until you are ready to use it; reinsert unused media in the bag and reseal it for protection. Some specialty media is packaged inside resealable plastic bags.

Supported Print Media

Using unsuitable print media may lead to paper jams, poor print quality, breakdown and damage to your printer. To use the features of this printer effectively, use the suggested print media that is recommended here.

IMPORTANT:

- The toner may come off the print media if it gets wet by water, rain, steam and so on. For details, contact the Fuji Xerox local representative office or an authorized dealer.

■ Usable Print Media

The types of print media that can be used on this printer are as follows:

Multipurpose Feeder

Paper Size	A4 SEF (210 × 297 mm)
	B5 SEF (182 × 257 mm)
	A5 SEF (148 × 210 mm)
	Letter SEF (8.5 × 11 inches)
	Legal SEF (8.5 × 14 inches)
	Folio SEF (8.5 × 13 inches)
	Executive SEF (7.25 × 10.5 inches)
	C5 SEF (162 × 229 mm)
	Monarch SEF (3.875 × 7.5 inches)
	Monarch LEF (7.5 × 3.875 inches)[*]
	# 10 Env SEF (4.125 × 9.5 inches)
	DL SEF (110 × 220 mm)
	DL LEF (220 × 110 mm)[*]
	Yougata 2 SEF (114 × 162 mm)
	Yougata 2 LEF (162 × 114 mm)[*]
	Yougata 3 SEF (98 × 148 mm)
	Yougata 3 LEF (148 × 98 mm)[*]
	Yougata 4 SEF (105 × 235 mm)
	Younaga 3 SEF (120 × 235 mm)
	Nagagata 3 SEF (120 × 235 mm)
	Postcard SEF (100 × 148 mm)
	Postcard SEF (148 × 200 mm)

	Custom Size:
	    Width: 76.2–215.9 mm (3–8.5 inches)
	    Length: 127–355.6 mm (5 –14 inches)

Paper Type (Weight)	Plain (60–90 gsm)
	Bond (91–105 gsm)
	Lightweight Cardstock (106–163 gsm)
	Japanese Glossy Cardstock (95–105 gsm)
	Lightweight Glossy Cardstock (106–163 gsm)
	Labels
	Envelope
	Recycled (60–105 gsm)
	Postcard
	Letterhead
	Pre-Printed
	Hole Punched
	Colored
	Special
	Custom Type
Loading Capacity	150 sheets of standard paper

*: Monarch, DL, Yougata 2, and Yougata 3 envelopes can be supported by LEF with their flap open.

Priority Sheet Inserter

Paper Size	A4 SEF (210 × 297 mm)
	B5 SEF (182 × 257 mm)
	A5 SEF (148 × 210 mm)
	Letter SEF (8.5 × 11 inches)
	Legal SEF (8.5 × 14 inches)
	Folio SEF (8.5 × 13 inches)
	Executive SEF (7.25 × 10.5 inches)
	C5 SEF (162 × 229 mm)
	Monarch SEF (3.875 × 7.5 inches)
	# 10 Env SEF (4.125 × 9.5 inches)
	DL SEF (110 × 220 mm)
	Yougata 4 SEF (105 × 235 mm)
	Younaga 3 SEF (120 × 235 mm)
	Nagagata 3 SEF (120 × 235 mm)
	Postcard SEF (148 × 200 mm)

	Custom Size:
	    Width: 76.2–215.9 mm (3–8.5 inches)
	    Length: 190.5–355.6 mm (7.5 –14 inches)

Paper Type (Weight)	Plain (60–90 gsm)
	Bond (91–105 gsm)
	Lightweight Cardstock (106–163 gsm)
	Japanese Glossy Cardstock (95–105 gsm)
	Lightweight Glossy Cardstock (106–163 gsm)
	Labels
	Envelope
	Recycled (60–105 gsm)
	Postcard
	Letterhead
	Pre-Printed
	Hole Punched
	Colored
	Special
	Custom Type
Loading Capacity	10 sheets of standard paper

NOTE:
- SEF and LEF indicate the paper feed direction; SEF stands for short-edge feed. LEF stands for long-edge feed.
- Use only laser print media. Do not use ink jet paper in this printer.

See also:
- "Loading Print Media in the Multipurpose Feeder" on page 112
- "Loading Print Media in the Priority Sheet Inserter" on page 121
- "Loading Envelope in the Multipurpose Feeder" on page 117
- "Loading Envelope in the Priority Sheet Inserter" on page 123
- "Loading Postcard in the Multipurpose Feeder" on page 119
- "Loading W-Postcard in the Priority Sheet Inserter" on page 126
- "Loading Letterhead in the Multipurpose Feeder" on page 120
- "Loading Letterhead in the Priority Sheet Inserter" on page 126

Printing on print media that differs from the paper size or paper type selected on the print driver may lead to paper jams. To make sure that printing is correctly done, select the correct paper size and paper type.

Loading Print Media

Loading print media properly helps prevent jams and ensures trouble-free printing.

Before loading print media, identify the recommended print side of the print media. This information is usually on the print media package.

NOTE:
- After loading paper in the feeder, specify the same paper type on the print driver.

This section includes:
- "Capacity" on page 111
- "Print Media Dimensions" on page 111
- "Loading Print Media in the Multipurpose Feeder" on page 112
- "Loading Print Media in the Priority Sheet Inserter" on page 121
- "Manual Duplex Printing" on page 127
- "Using the Output Tray Extension" on page 132

■ Capacity

The multipurpose feeder can hold:
- 150 sheets of standard paper
- 16.2 mm (0.64 inches) of thick paper
- One sheet of coated paper
- 16.2 mm (0.64 inches) of post cards
- Five envelopes
- 16.2 mm (0.64 inches) of labels

The priority sheet inserter can hold:
- 10 sheets of standard paper or one sheet of other paper

■ Print Media Dimensions

The multipurpose feeder accepts print media within the following dimensions:
- Width: 76.2 –215.9 mm (3.00–8.50 inches)
- Length: 127–355.6 mm (5.00–14.00 inches)

The priority sheet inserter accepts print media within the following dimensions:
- Width: 76.2–215.9 mm (3.00–8.50 inches)
- Length: 190.5–355.6 mm (7.50–14.00 inches)

■ Loading Print Media in the Multipurpose Feeder

NOTE:

- To avoid paper jams, do not remove the priority sheet inserter while printing is in progress.
- Use only laser print media. Do not use ink jet paper in this printer.
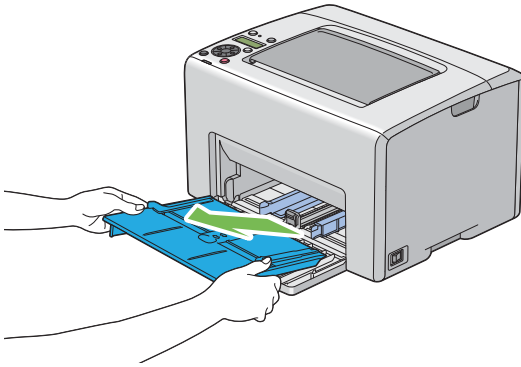
1 Open the front cover.
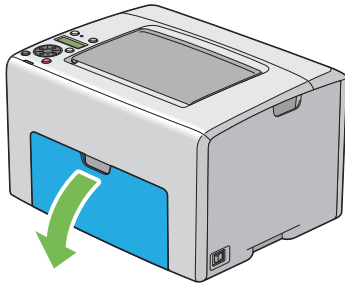
NOTE:

- When you use the multipurpose feeder for the first time, open the front cover by pulling out the instruction sheet.
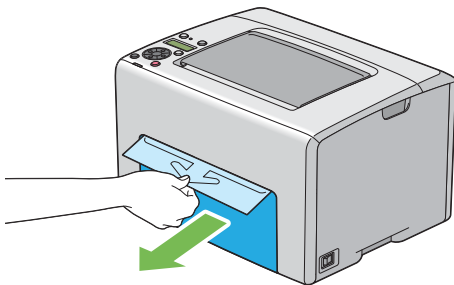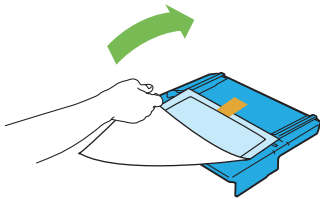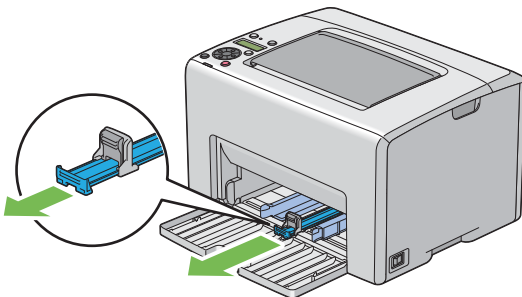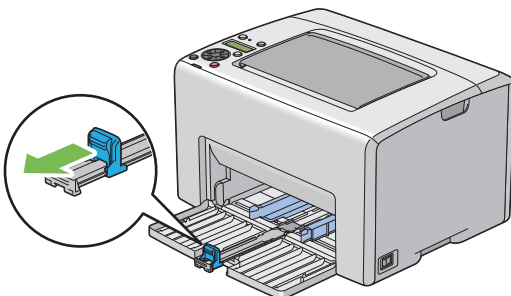
2 Pull the priority sheet inserter out.

NOTE:
- When you use the multipurpose feeder for the first time, remove the instruction sheet attached to the priority sheet inserter with adhesive tape.
- Read the instruction sheet before you use the priority sheet inserter.

3 Pull the slide bar forward until it stops.

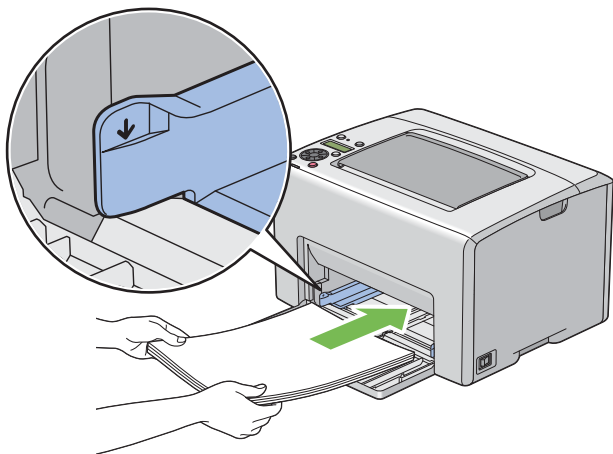**4** Pinch the length guide and pull it forward until it stops.

5 Adjust the paper width guides to their maximum width.
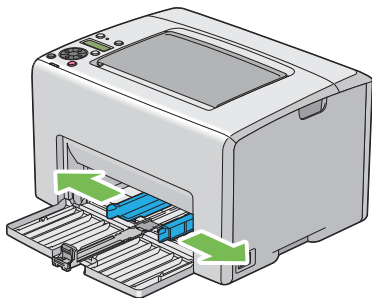
6 Before loading the print media, flex the sheets back and forth, and then fan them. Straighten the edges of the stack on a level surface.
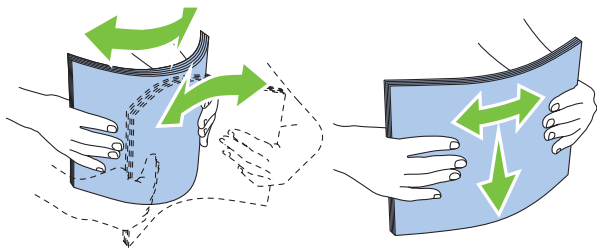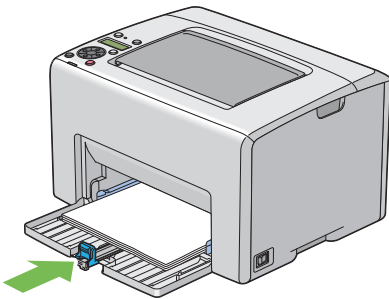

7 Load print media on the multipurpose feeder with the top edge first and with the recommended print side facing up.

8 Adjust the paper width guides until they rest lightly against the edges of the stack of print media.
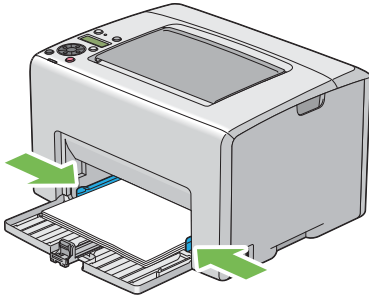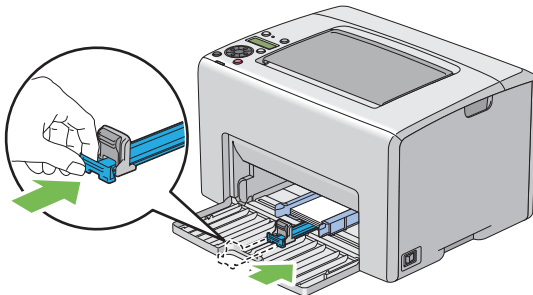
9 Pinch the length guide and slide it towards the printer until it touches the print media.
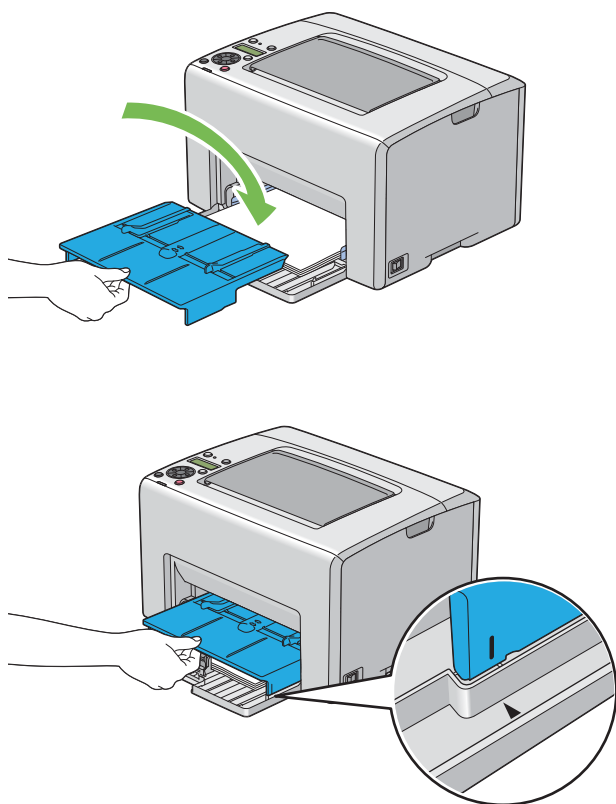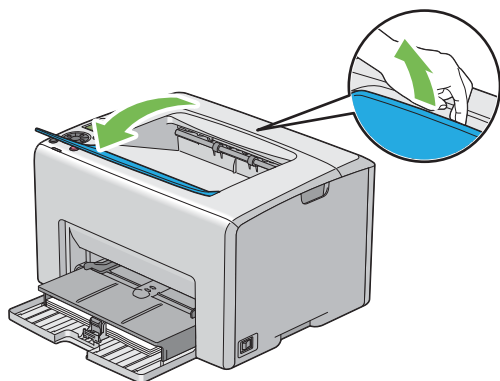
NOTE:
- Depending on the size of print media, first slide the slide bar backward until it stops, and then pinch the length guide and slide it backward until it touches print media.

10 Insert the priority sheet inserter into the printer and then align the priority sheet inserter to the marking on the multipurpose feeder.

11 Open the output tray extension.

12 Select the paper type from the print driver if the loaded print media is not standard plain paper. If a user-specified print media is loaded in the multipurpose feeder, you must specify the paper size setting by using the print driver.

NOTE:
• For more information about setting the paper size and type on the print driver, refer to the Help provided for the print driver.

NOTE:
• For standard-size paper, adjust the guides first and then set paper.
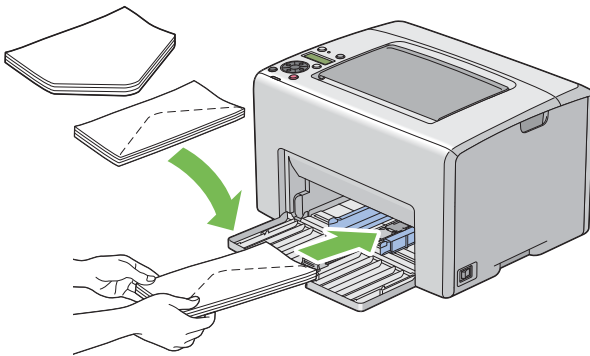
Loading Envelope in the Multipurpose Feeder
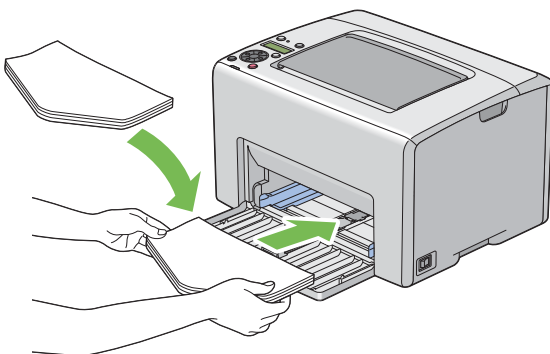
NOTE:

- When you print on envelopes, be sure to specify the envelope setting on the print driver. If not specified, the print image will be rotated 180 degrees.

• When Loading # 10, DL, Monarch, Yougata 2/3/4, or Younaga 3

Load envelopes with the side to be printed on facing up, the flap side facing down, and the flap turned to the right.

To prevent DL, Monarch, Yougata 2, and Yougata 3 from being wrinkled, they are recommended to be loaded with the print-side facing up, flap opened, and facing you.
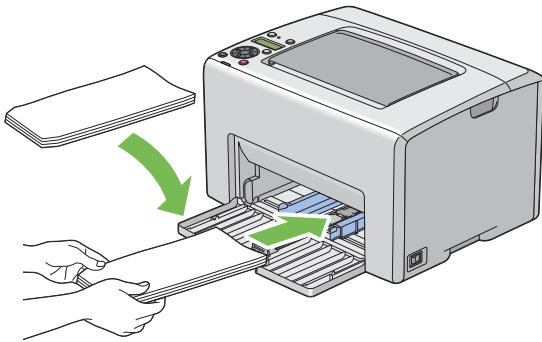

NOTE:

- When you load the envelopes in the long-edge feed (LEF) orientation, be sure to specify the landscape orientation on the print driver.

• When Loading C5 or Nagagata 3

Load envelopes with the side to be printed on facing up, flap opened and facing you.
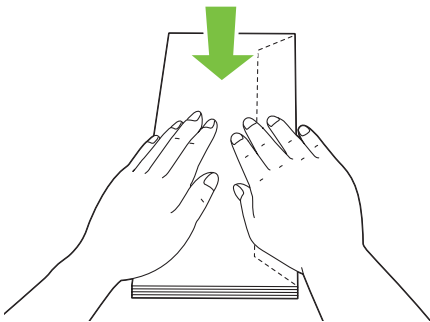

IMPORTANT:

- Never use envelopes with windows, or coated linings. These lead to paper jams and can cause damage to the printer.

NOTE:

- If you do not load envelopes in the multipurpose feeder right after they have been removed from the packaging, they may bulge. To avoid jams, flatten them as shown below when loading them in the multipurpose feeder.

- If envelopes are still not fed correctly, add some bending to the flap of the envelopes as shown in the following illustration.
  The amount of the bending shall be 5 mm (0.20 inches) or less.
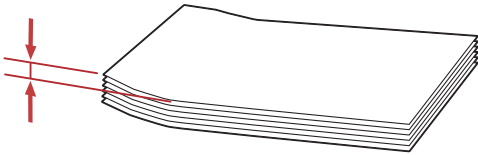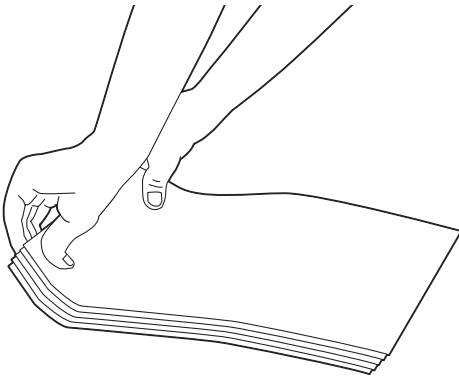
- To confirm the correct orientation of envelopes, see the instruction on the Envelope/Paper Setup Wizard on the print driver.
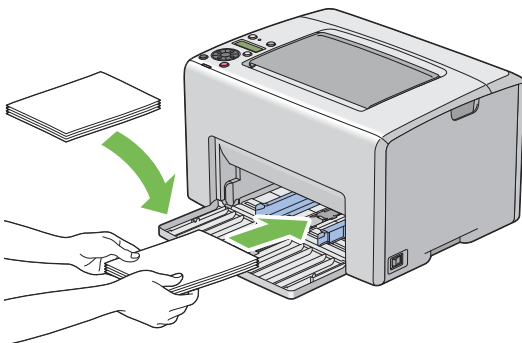
Loading Postcard in the Multipurpose Feeder

NOTE:
- When you print on postcards, be sure to specify the postcard setting on the print driver to get the optimum print result.
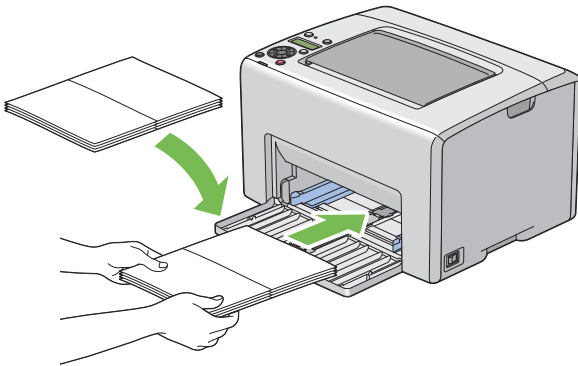
• When Loading Postcard

Load the postcard with the side to be printed on facing up, and the top edge of the postcard in first.

• When Loading W-Postcard

Load the w-postcard with the side to be printed on facing up, and the left edge of the w-postcard in first.
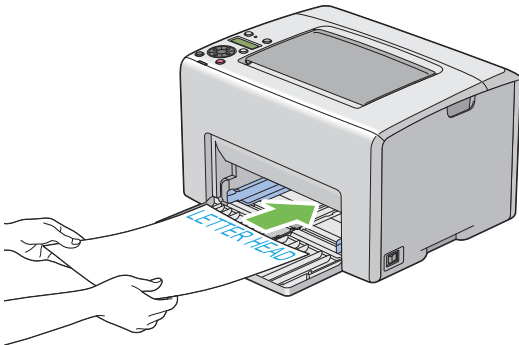
NOTE:

- To confirm the correct orientation of postcards, see the instruction on the Envelope/Paper Setup Wizard on the print driver.

Loading Letterhead in the Multipurpose Feeder

Load the letterhead in the printer with the print side facing up. Make sure that the title on the letterhead enters the printer first.
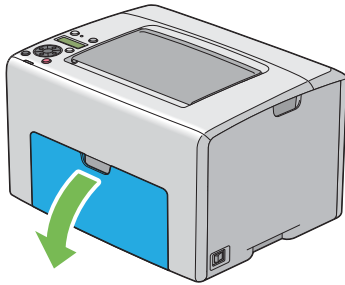
■ Loading Print Media in the Priority Sheet Inserter

NOTE:
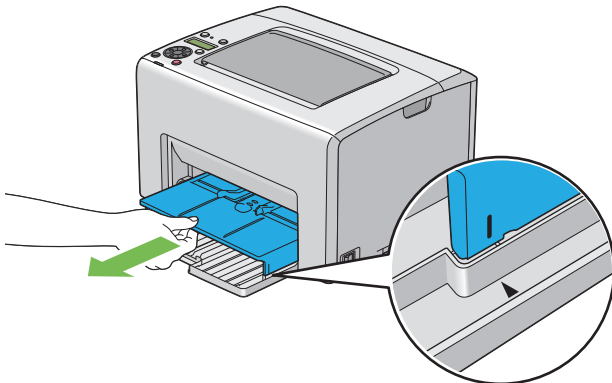
- To avoid paper jams, do not remove the priority sheet inserter while printing is in progress.
- Use only laser print media. Do not use ink jet paper in this printer.

1 Open the front cover.

2 Slide the priority sheet inserter forward, and then align the priority sheet inserter to the marking on the multipurpose feeder.

3 Adjust the paper width guides to their maximum width.
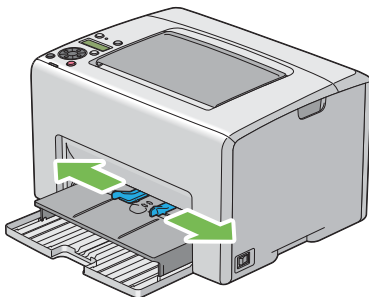
4 Before loading the print media, flex the sheets back and forth, and then fan them. Straighten the edges of the stack on a level surface.
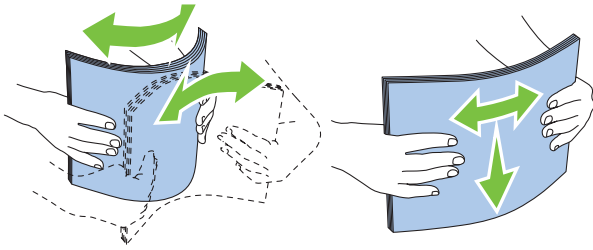
5 Load print media on the priority sheet inserter with the top edge first and with the recommended print side facing up.
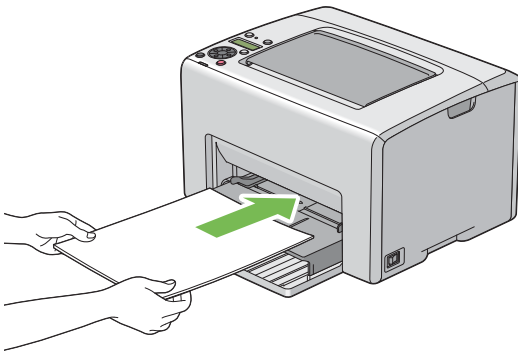
6 Adjust the paper width guides until they rest lightly against the edges of the stack of print media.

7 Open the output tray extension.

8 Select the paper type from the print driver if the loaded print media is not standard plain paper. If a user-specified print media is loaded in the priority sheet inserter, you must specify the paper size setting by using the print driver.

NOTE:
- For more information about setting the paper size and type on the print driver, refer to the Help provided for the print driver.

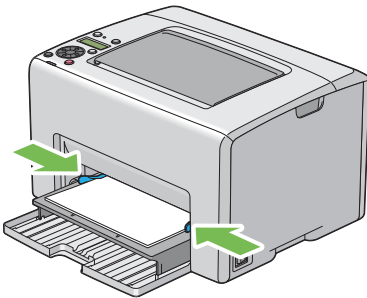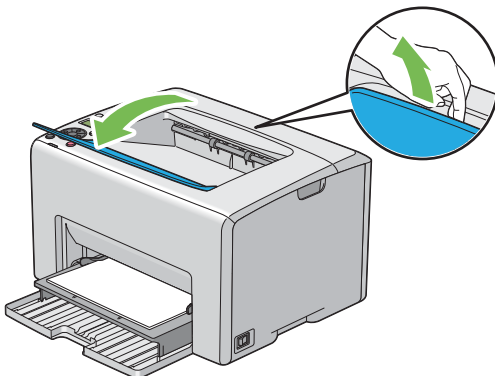## Loading Envelope in the Priority Sheet Inserter

NOTE:
- Be sure to fully insert the envelope until it stops. Otherwise, print media that is loaded on the multipurpose feeder will be fed.
- When you print on envelopes, be sure to specify the envelope setting on the print driver. If not specified, the print image will be rotated 180 degrees.

• When Loading # 10, DL, Monarch, Yougata 4, or Younaga 3

Load the envelope with the side to be printed on facing up, the flap side facing down, and the flap turned to the right.
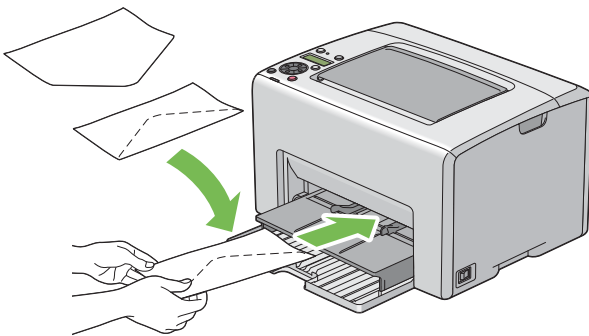
• When Loading C5 or Nagagata 3

Load the envelope with the side to be printed on facing up, flap opened and facing you.
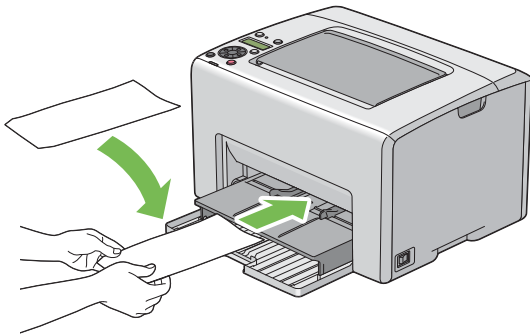
IMPORTANT:

- Never use envelopes with windows, or coated linings. These lead to paper jams and can cause damage to the printer.

NOTE:

- If you do not load envelopes in the priority sheet inserter right after they have been removed from the packaging, they may bulge. To avoid jams, flatten them as shown below when loading them in the priority sheet inserter.
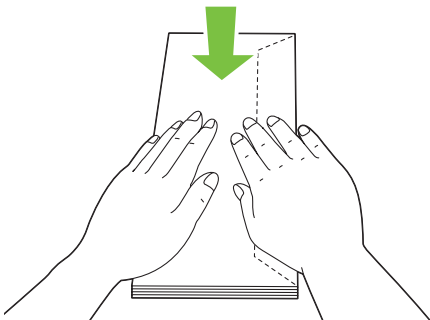
- If envelopes are still not fed correctly, add some bending to the flap of the envelopes as shown in the following illustration.
  The amount of the bending shall be 5 mm (0.20 inches) or less.
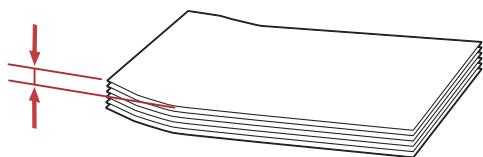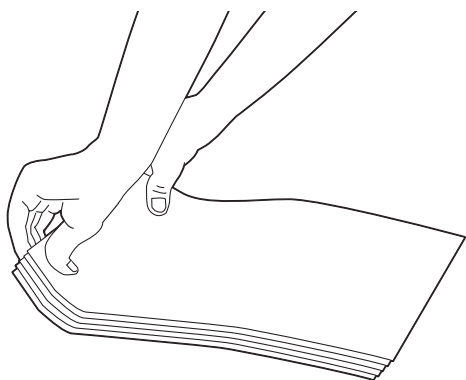
- To confirm the correct orientation of envelopes, see the instruction on the Envelope/Paper Setup Wizard on the print driver.

Loading W-Postcard in the Priority Sheet Inserter

NOTE:

• When you print on the w-postcard, be sure to specify the w-postcard setting on the print driver to get the optimum print result.

Load the w-postcard with the side to be printed on facing up, and the left edge of the w-postcard in first.
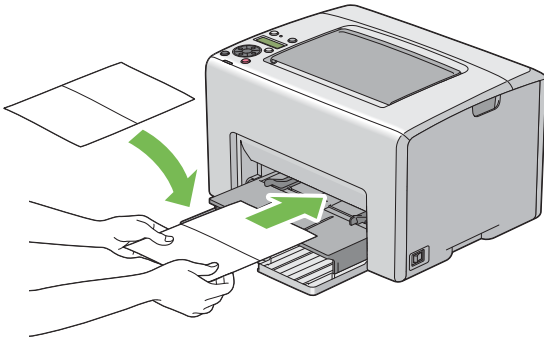
NOTE:

• To confirm the correct orientation of w-postcards, see the instruction on the Envelope/Paper Setup Wizard on the print driver.

Loading Letterhead in the Priority Sheet Inserter

Load the letterhead in the printer with the print side facing up. Make sure that the title on the letterhead enters the printer first.
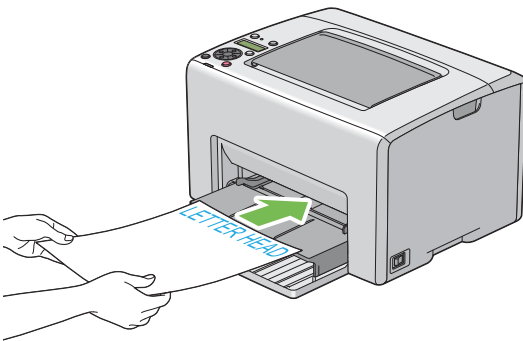
■ Manual Duplex Printing

This section includes:

NOTE:

- When printing on curled paper, straighten the paper and then insert it into the feeder.

Manual duplex printing can be done using the multipurpose feeder or the priority sheet inserter.

Operations on Your Computer

• Using the Windows Print Driver

The following procedure uses Microsoft® Windows® 7 as an example.

NOTE:

- The way to display the printer **Properties**/**Printing Preferences** dialog box differs according to the application software. Refer to the manual of your respective application software.

1 From the application menu, select **Print**.

2 Select the printer from the **Select Printer** list box, and then click **Preferences**.

The **Paper/Output** tab appears.

3 From **2-Sided Print**, select either **2-Sided Print, Flip on Short Edge** or **2-Sided Print** to define the way 2-sided print pages are bound.
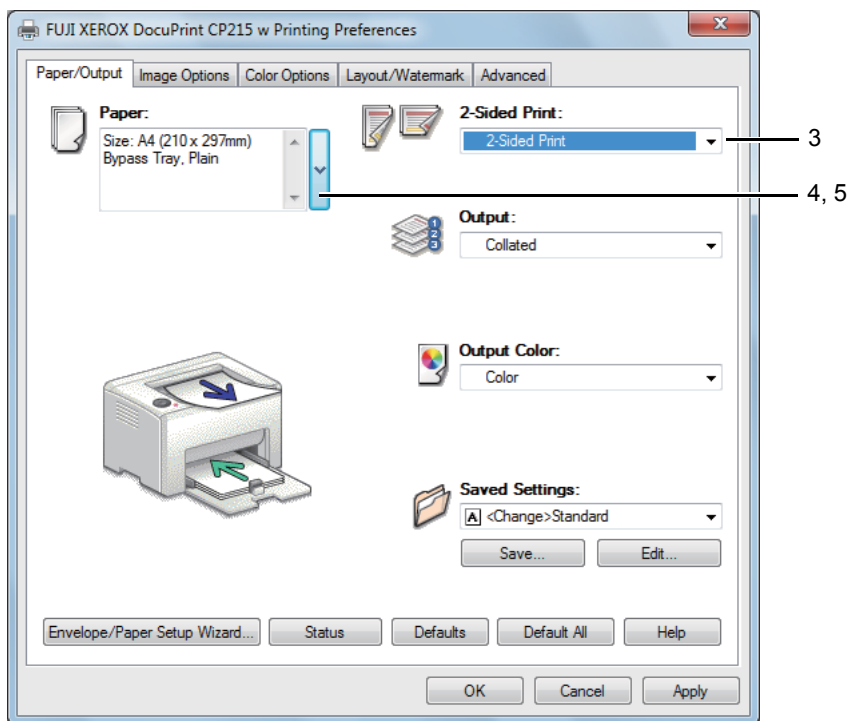
4 From the **Paper** drop-down menu, select **Size**, and then select the size of the document to be printed.

5 From the **Paper** drop-down menu, select **Advanced Paper Selection**.

The **Advanced Paper Selection** dialog box is displayed.

6 From **Bypass Paper Type**, select the paper type to be used.

7 Click **OK** to close the **Advanced Paper Selection** dialog box.

8 Click **OK** to close the **Printing Preferences** dialog box.

9 Click **Print** in the **Print** dialog box to start printing.

IMPORTANT:

- When you start manual duplex printing, the instruction window appears. Note that the window cannot be reopened once it is closed. Do not close the window until duplex printing is complete.

• Using the Mac OS X Print Driver

The following procedure uses Mac OS X 10.8 TextEdit as an example.

1 From the **File** menu, select **Print**.

2 Select the printer from **Printer**.

3 From **Paper Size**, select the size of the document to be printed.

4 Select the **Manual Duplex Printing** pane.
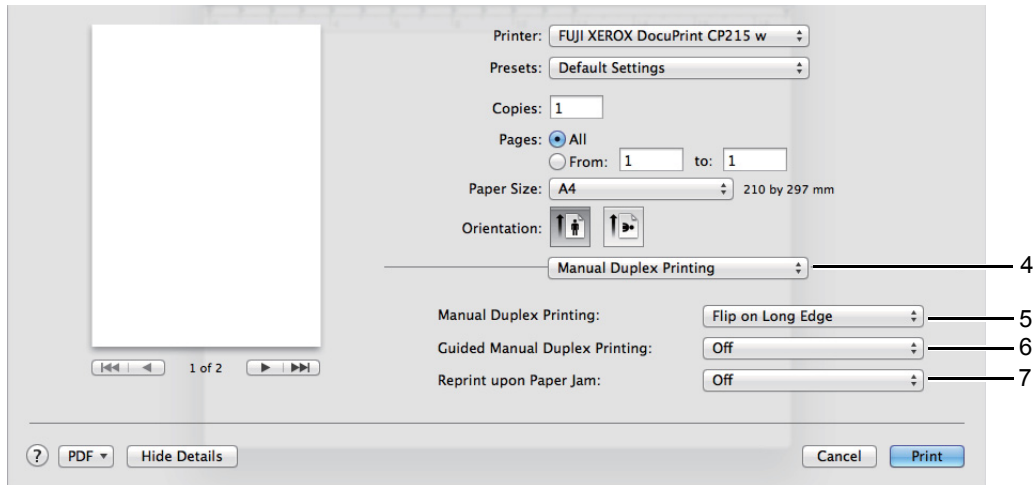
5 From **Manual Duplex Printing**, select either **Flip on Short Edge** or **Flip on Long Edge** to define the way 2-sided print pages are bound.

6 From **Guided Manual Duplex Printing**, select **On** to display the instruction dialog box when you start manual duplex printing.

7 From **Reprint upon Paper Jam**, specify whether to reprint the second side (odd) pages if a second side (odd) pages jam while printing a duplex job.

8 Select the **Printer Features** pane.

9 From **Paper Type**, select the paper type to be used.

10 Click **Print** in the **Print** dialog box to start printing.

IMPORTANT:
• When you start manual duplex printing, the instruction dialog box appears (if selected so in step **6**). Do not close the dialog box until duplex printing is complete.

Loading Print Media in the Multipurpose Feeder

1 First print the even pages (rear sides).

For a six page document, rear sides are printed in the order of page 6, page 4, then page 2.

The **!** (**Error**) indicator lights and the `Insert Output into paper tray` message appears on the LCD panel when the even pages finish printing.
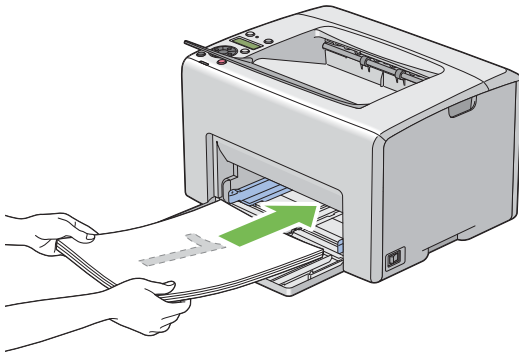
2 After the even pages are printed, remove the paper stack from the center output tray.

NOTE:

- Warped or curled prints can cause paper jams. Straighten them before setting.

3 Stack the prints and set them as they are (with the blank side facing up) into the multipurpose feeder, and then press the (OK) button.

Pages are printed in the order of page 1 (rear of page 2), page 3 (rear of page 4), and then page 5 (rear of page 6).

NOTE:

- Printing on both sides of the paper is not possible if the document consists of various sizes of paper.

Loading Print Media in the Priority Sheet Inserter

1 First print the even pages (rear sides).

For a six page document, even pages are printed in the order page 6, page 4, then page 2.

The **!** (**Error**) indicator lights and the `Insert Output into paper tray` message appears on the LCD panel when the even pages finish printing.
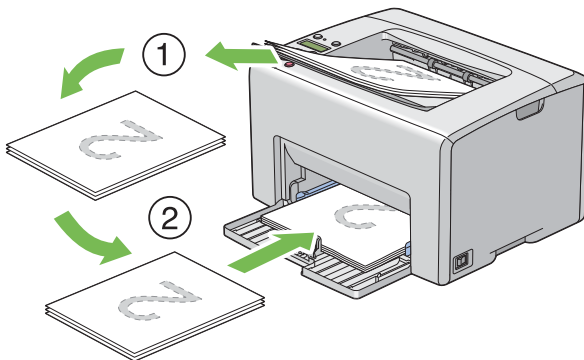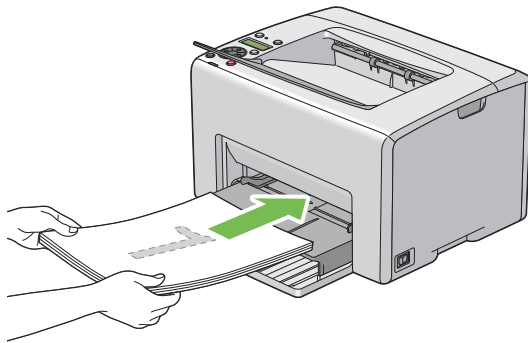

2 After the even pages are printed, remove the paper stack from the center output tray.

NOTE:

• Warped or curled prints can cause paper jams. Straighten them before setting.

3 Stack the prints and set them as they are (with the blank side facing up) into the priority sheet inserter, and then press the (OK) button.

Pages are printed in order of page 1 (rear of page 2), page 3 (rear of page 4), and then page 5 (rear of page 6).
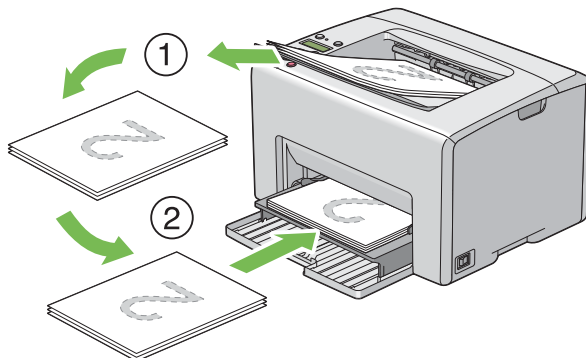
NOTE:

• Printing on both sides of the paper is not possible if the document consists of various sizes of paper.

■ Using the Output Tray Extension

The output tray extension is designed to prevent print media from falling from the printer after the print job is complete.

Before printing a document, make sure that the output tray extension is opened.
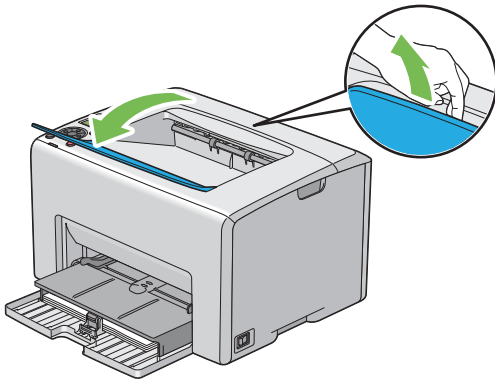
Printing

This section covers how to print certain lists of information from your printer and how to cancel a job.

This section includes:

■ Sending a Job to Print

Install the print driver to use all the features of the printer. When you choose **Print** from a software program, a window representing the print driver opens. Select the appropriate settings for the specific job you are sending to print. Print settings selected from the driver have precedence over the default menu settings selected from the operator panel or the Printer Setting Utility.

Sending a Print Job (Windows)

You may need to click **Preferences** from the initial **Print** dialog box to see all the available system settings you can change. If you are not familiar with a feature in the print driver window, open the Help for more information.

To print a job from a typical Windows application:

1 Open the file you want to print.

2 From the application menu, select **Print**.

3 Verify that the correct printer is selected in the dialog box. Modify the system settings as needed (such as the pages you want to print or the number of copies).

4 To adjust system settings not available from the first screen, such as **Size**, **Output Color**, or **Page Layout**, click **Preferences**.

The **Printing Preferences** dialog box appears.

5 Specify the print settings. For more information, click **Help**.

6 Click **OK** to close the **Printing Preferences** dialog box.

7 Click **Print** to send the job to the selected printer.

Sending a Print Job (Mac OS X)

The following procedure uses Mac OS X 10.8 TextEdit as an example.

1 Open the file you want to print.

2 From the **File** menu, select **Print**.

3 Verify that the correct printer is selected in **Printer**. Modify the system settings as needed (such as the pages you want to print or the number of copies).

4 To adjust system settings not available from the first screen, such as **Pages per Sheet**, **Output Color**, or **Paper Type**, select the desired pane from the drop-down menu.

5 Specify the print settings. For more information, click the **?** button.

6 Click **Print** to send the job to the selected printer.

■ Canceling a Print Job

There are several methods for canceling a print job.

Canceling a Print Job From the Operator Panel

To cancel a job after it has started printing:

1 Press the ⊘ (**Cancel Job**) button.

   NOTE:
   • Printing is canceled only for the current job. All the following jobs will continue to print.

Canceling a Print Job From the Computer (Windows)

• Canceling a Print Job From the Taskbar

When you send a job to print, a small printer icon appears in the right corner of the taskbar.

1 Double-click the printer icon.
   A list of print jobs appears in the printer window.

2 Select the job you want to cancel.

3 Press the **Delete** key.

• Canceling a Print Job From the Desktop

1 Minimize all programs to reveal the desktop.

   For Windows XP, click **start** → **Printers and Faxes**.

   For Windows Server® 2003, click **Start** → **Printers and Faxes**.

   For Windows 7 and Windows Server 2008 R2, click **Start** → **Devices and Printers**.

   For Windows Vista®, click **Start** → **Control Panel** → **Hardware and Sound** → **Printers**.

   For Windows Server 2008, click **Start** → **Control Panel** → **Printer**.

   For Windows 8, on the **Desktop** screen, place the mouse pointer in the upper right corner of the screen and move the mouse down, and then select **Settings**. Click **Control Panel** → **Hardware and Sound** → **Devices and Printers**.

   For Windows Server 2012, on the **Desktop** screen, place the mouse pointer in the upper right corner of the screen and move the mouse down, and then select **Settings**. Click **Control Panel** → **Hardware** → **Devices and Printers**.

   A list of available printers appears.

2 Double-click the printer you selected when you sent the job.
   A list of print jobs appears in the printer window.

3 Select the job you want to cancel.

4 Press the **Delete** key.

Canceling a Print Job From the Computer (Mac OS X)

• Canceling a Print Job From the Dock

When you send a job to print, a printer icon appears in the Dock.

1 Click the printer dock icon.

The print queue appears.

2 Select the job you want to cancel.

3 For Mac OS X 10.4.11-10.7, click **Delete**.

For Mac OS X 10.8, click the **X** button.

• Canceling a Print Job From System Preferences

1 For Mac OS X 10.4.11-10.6, display **System Preferences**, and then click **Print & Fax**.

For Mac OS X 10.7-10.8, display **System Preferences**, and then click **Print & Scan**.

2 Select the printer from the printer list on the left.

3 For Mac OS X 10.4.11, click **Print Queue**.

For Mac OS X 10.5-10.8, click **Open Print Queue**.

4 Select the job you want to cancel.

5 For Mac OS X 10.4.11-10.7, click **Delete**.

For Mac OS X 10.8, click the **X** button.

■ Selecting Printing Options

This section includes:

-
-
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Selecting Printing Preferences (Windows)

Printer preferences control all of your print jobs, unless you override them specifically for a job. For example, if you want to use duplex printing for most jobs, set this option in printer settings.

To select printer preferences:

1   For Windows XP, click **start** → **Printers and Faxes**.

For Windows Server 2003, click **Start** → **Printers and Faxes**.

For Windows 7 and Windows Server 2008 R2, click **Start** → **Devices and Printers**.

For Windows Vista, click **Start** → **Control Panel** → **Hardware and Sound** → **Printers**.

For Windows Server 2008, click **Start** → **Control Panel** → **Printer**.

For Windows 8, on the **Desktop** screen, place the mouse pointer in the upper right corner of the screen and move the mouse down, and then select **Settings**. Click **Control Panel** → **Hardware and Sound** → **Devices and Printers**.

For Windows Server 2012, on the **Desktop** screen, place the mouse pointer in the upper right corner of the screen and move the mouse down, and then select **Settings**. Click **Control Panel** → **Hardware** → **Devices and Printers**.

A list of available printers appears.

2   Right-click the icon for your printer, and then select **Printing Preferences**.

The printer's **Printing Preferences** screen appears.

3   Make selections on the driver tabs, and then click **OK** to save your selections.

NOTE:

- For more information about Windows print driver options, click **Help** on the print driver tab to view the Help.

Selecting Options for an Individual Job (Windows)

If you want to use special printing options for a particular job, change the driver settings before sending the job to the printer. For example, if you want to use Photo print-quality mode for a particular graphic, select this setting in the driver before printing that job.

1   With the desired document or graphic open in your application, access the **Print** dialog box.

2   Select your printer and click **Preferences** to open the print driver.

3   Make selections on the driver tabs.

> **NOTE:**
> • In Windows, you can save current printing options with a distinctive name and apply them to other print jobs. Make selections on the **Paper/Output**, **Image Options**, **Color Options**, **Layout/Watermark**, or **Advanced** tab, and then click **Save** under **Saved Settings** on the **Paper/Output** tab. Click **Help** for more information.

4   Click **OK** to save your selections.

5   Print the job.

See the following table for specific printing options:

Printing Options for Windows

Driver Tab	Printing Options

Paper/Output tab	• Paper
	  – Size
	  – Advanced Paper Selection
	• 2-Sided Print
	• Output
	• Output Color
	• Saved Settings
	  – Save
	  – Edit
	• Envelope/Paper Setup Wizard
	• Status
	• Defaults
	• Default All

Image Options tab	• Toner Saver • Application Reduce/Enlarge • Image Shift Summary – Setup • Defaults

Driver Tab	Printing Options
Color Options tab	• Output Color • Output Recognition • Image Adjustment Mode • Image Types • Intent • Image Auto Correction • Image Settings • Color Balance • Profile Settings • Defaults

Layout/Watermark tab	• Page Layout
	  – Pages Per Sheet (N-Up)
	  – Poster
	  – Booklet Layout
	  – Booklet Creation
	• Page Layout Options
	• Watermark
	• Annotation
	  – Annotation Setup
	• Defaults

Advanced tab	• Advanced Settings
	  – Document Options
	  – Paper/Output
	  – Image Options
	  – Layout/Watermark
	  – Others
	• About
	• Defaults

Selecting Options for an Individual Job (Mac OS X)

To select print settings for a particular job, change the driver settings before sending the job to the printer.

1 With the document open in your application, click **File**, and then click **Print**.

2 Select your printer from **Printer**.

3 Select the desired printing options from the menus and drop-down list boxes that are displayed.

NOTE:

- In Mac OS X, click **Save As** (**Save Current Settings as Preset** for Mac OS X 10.8) on the **Presets** menu screen to save the current printer settings. You can create multiple presets and save each with its own distinctive name and printer settings. To print jobs using specific printer settings, click the applicable saved preset in the **Presets** list.

4 Click **Print** to print the job.

Mac OS X Print Driver Printing Options:

The table shown below uses Mac OS X 10.8 TextEdit as an example.

Printing options for Mac OS X

Item	Printing Options
	• Copies
	• Pages
	• Paper Size
	• Orientation
Layout	• Pages per Sheet
	• Layout Direction
	• Border
	• Reverse page orientation (for Mac OS X 10.5 or later)
	• Flip horizontally (for Mac OS X 10.6 or later)
Color Matching	• ColorSync
	• Vendor Matching
Paper Handling	• Collate pages
	• Pages to Print
	• Page Order
	• Scale to fit paper size
	• Destination Paper Size
	• Scale down only
Cover Page	• Print Cover Page
	• Cover Page Type
	• Billing Info
Job Accounting	• Account Mode
	• Detailed User Settings
Image Settings	• Brightness
	• Contrast
	• Chroma

Item	Printing Options
Manual Duplex Printing	• Manual Duplex Printing • Guided Manual Duplex Printing • Reprint upon Paper Jam
Printer Features	• Feature Sets: Basic – Output Color – Paper Type • Feature Sets: Detailed Settings 1 – Image Type – Image Rotation (180deg) – Skip Blank Pages – Draft Mode – Trapping – Image Enhancement • Feature Sets: Detailed Settings 2 – Sharpness Adjustment – Screen – Show Paper Size Error • Color Balance (C/M/Y/K) – Low Density – Medium Density – High Density

■Printing on Custom Size Paper

This section explains how to print on custom size paper using the print driver.

Custom size paper can be loaded in the multipurpose feeder and priority sheet inserter. The way to load custom size paper in the multipurpose feeder is the same as the one to load standard size paper. The way to load custom size paper in the priority sheet inserter is the same as the one to load standard size paper.

See also:

Defining Custom Paper Sizes

Before printing, set the custom size on the print driver.

NOTE:

- When setting the paper size on the print driver, be sure to specify the same size as the actual print media used. Setting the wrong size for printing can cause printer failure. This is especially true if you configure a bigger size when using a narrow width paper.

• Using the Windows Print Driver

On the Windows print driver, set the custom size in the **Custom Paper Size** dialog box. There are two ways to access the **Custom Paper Size** dialog box. This section explains the procedures using Windows 7 as an example.

An administrator's password only allows users with administrator rights to change the settings. Users without the rights of administrator can only view the contents.

From Printer properties

1   Click **Start** → **Devices and Printers**.

2   Right-click the printer, and then select **Printer properties**.

3   Select the **Device Settings** tab.

4   Select **Custom Paper Size** and click **Setup**.

5   Select the **Create a New Form** check box.

6   Enter a name for the custom paper size in **Name**. Up to 31 characters can be used for the paper name.

7   Specify the values for **Width** and **Length** either by entering the number directly or using the up or down arrow button.

The value for **Width** cannot be greater than that of **Length** even if it is within the specified range.

NOTE:
- You can switch the units by selecting either **Millimeters** or **Inches** under **Units**.
- If you do not want to share the custom paper size with other users, clear the **Share it with Other Users** check box.

8   Click **Save**.

9   If necessary, repeat steps **5** to **8** to define another custom size.

10   Click **Close**.

11   Click **OK**.

From Printing Preferences

1 Click **Start** → **Devices and Printers**.

2 Right-click the printer, and then select **Printing Preferences**.

3 Select the **Paper/Output** tab.

4 From the **Paper** drop-down menu, select **Size**, and then select **Custom** located at the bottom of the list.

5 Select the **Create a New Form** check box.

6 Enter a name for the custom paper size in **Name**. Up to 31 characters can be used for the paper name.

7 Specify the values for **Width** and **Length** either by entering the number directly or using the up or down arrow button.

The value for **Width** cannot be greater than that of **Length** even if it is within the specified range.

NOTE:
- You can switch the units by selecting either **Millimeters** or **Inches** under **Units**.
- If you do not want to share the custom paper size with other users, clear the **Share it with Other Users** check box.

8 Click **Save**.

9 If necessary, repeat steps **5** to **8** to define another custom size.

10 Click **OK**.

11 Click **OK**.

Printing on Custom Size Paper

Use the following procedures to print using either the Windows or Mac OS X print drivers.

• Using the Windows Print Driver

This section explains the procedure using Windows 7 as an example.

NOTE:
• The way to display the printer **Properties**/**Printing Preferences** dialog box differs according to the application software. Refer to the manual of your respective application software.

1   From the application menu, select **Print**.

2   Select your printer and click **Preferences**.

3   Select the **Paper/Output** tab.

4   From the **Paper** drop-down menu, select **Advanced Paper Selection**.

5   Select the paper size of the source document from **Original Document Size**.

6   Specify **Scale Options**.

   If you select the custom paper size from **Original Document Size** in step **5**, select **No Scaling** and go to step **8**.

   If you select the standard paper size from **Original Document Size** in step **5**, select **Automatically Scale** and go to step **7**.

7   Select the custom paper size from **Output Paper Size**.

8   Select the appropriate paper type from **Bypass Paper Type**.

9   Click **OK** twice.

10 Click **Print** in the **Print** dialog box to start printing.

• Using the Mac OS X Print Driver

This section explains the procedure using Mac OS X 10.8 TextEdit as an example.

1 From the **File** menu, select **Page Setup**.

2 Select the printer from **Format For**.

3 From **Paper Size**, select **Manage Custom Sizes**.

4 In the **Custom Paper Sizes** window, click **+**.
A newly created setting "Untitled" is displayed in the list.

5 Double-click "Untitled" and enter a name for the setting.

6 Enter the size of the original document in the **Width** and **Height** boxes of **Paper Size**.

7 Specify **Non-Printable Area** if necessary.

8 Click **OK**.

9 Make sure that the newly created paper size is chosen in **Paper Size**, and then click **OK**.

10 From the **File** menu, select **Print**.

11 Click **Print** to start printing.

■ Checking Status of Print Data

Checking Status via the SimpleMonitor (Windows Only)

You can check the printer status with the SimpleMonitor. Double-click the SimpleMonitor printer icon on the taskbar at the bottom right of the screen. The **Select Printer** window appears, which displays the printer name, printer connection ports, and printer status. Check the column **Status** to know the current status of your printer.

Status Settings button: Displays the **Status Settings** screen and allows you to modify the SimpleMonitor settings.

Click the name of the desired printer listed on the **Select Printer** window. The **Status Monitor** window appears. You can check the printer status and print job status.

For more information about the SimpleMonitor, see Help. The following procedure uses Windows 7 as an example:

1 Click **Start** → **All Programs**.

2 Select **Fuji Xerox**.

3 Select **SimpleMonitor for Asia-Pacific**.

4 Select **SimpleMonitor Help**.

See also:
- "SimpleMonitor (Windows Only)" on page 45

Checking Status via the CentreWare Internet Services

You can check the status of the print job sent to the printer at the **Jobs** tab of the CentreWare Internet Services.

See also:
- "CentreWare Internet Services" on page 43

■Printing a Report Page

You can print a various types of reports and lists. For details on each report and list, see "Information Pgs" on page 152.

Taking the Printer Settings page as an example, this section describes how to print a report page.

Printing a Printer Settings Page

To verify detailed printer settings, print a Printer Settings page.

Using the Operator Panel

1 Press the ▤ (**Menu**) button.

2 Select `Information Pgs`, and then press the (OK) button.

3 Select `Printer Settings`, and then press the (OK) button.

The Printer Settings page is printed.

Using the Printer Setting Utility (Windows Only)

The following procedure uses Windows 7 as an example.

1 Click **Start** → **All Programs** → **Fuji Xerox** → **Fuji Xerox Printer Software for Asia-Pacific** → your printer → **Printer Setting Utility**.

NOTE:
- The **Select Printer** window appears in this step when multiple print drivers are installed on your computer. In this case, click the name of the desired printer listed in **Printer Name**.

The Printer Setting Utility appears.

2 Click the **Printer Settings Report** tab.

3 Select **Information Pages** from the list at the left side of the page.

The **Information Pages** page is displayed.

4 Click **Printer Settings**.

The Printer Settings page is printed.

◼ Printer Settings

This section includes:

- "Using the Operator Panel to Change the Printer Settings" on page 149
- "Using the Printer Setting Utility to Change the Printer Settings (Windows Only)" on page 150

Using the Operator Panel to Change the Printer Settings

You can select menu items and corresponding values from the operator panel.

When you first enter the menus from the operator panel, you see an asterisk (*) next to a value in the menus. This asterisk indicates the factory default menu setting. These settings are the original printer settings.

NOTE:
- Factory defaults may vary for different countries.

When you select a new setting from the operator panel, an asterisk appears next to the setting to identify it as the current user default menu setting.

These settings are active until new ones are selected or the factory defaults are restored.

To select a new value as a setting:

1 Press the ▦ (**Menu**) button.

2 Select `Admin Menu`, and then press the ⟨OK⟩ button.

3 Select the desired menu, and then press the ⟨OK⟩ button.

4 Select the desired menu or menu item, and then press the ⟨OK⟩ button.
- If the selection is a menu, the menu is opened and the first menu item in the menu appears.
- If the selection is a menu item, the default menu setting for the menu item appears.

Each menu item has a list of values for the menu item. A value can be:
- A phrase or word to describe a setting
- A numerical value that can be changed
- An On or Off setting

NOTE:
- Press the ▼ and ▲ button at the same time. This will display the factory default menu settings.

5 Select the desired value.

6 Press the ⟨OK⟩ button.

This enables the setting value, which is indicated by an asterisk (*) next to the setting value.

7 Press the ↩ (**Back**) or ◄ button to return to the previous menu.

To continue setting other items, select the desired menu. To quit setting new values, press the ▦ (**Menu**) button to exit the Menu mode.

Note that the print driver settings have precedence over the settings made on the operator panel.

Using the Printer Setting Utility to Change the Printer Settings (Windows Only)

You can select menu items and corresponding values from the Printer Setting Utility.

The following procedure uses Windows 7 as an example.

NOTE:

• Factory defaults may vary for different countries.
  These settings are active until new ones are selected or the factory defaults are restored.

To select a new value as a setting:

1 Click **Start** → **All Programs** → **Fuji Xerox** → **Fuji Xerox Printer Software for Asia-Pacific** → your printer → **Printer Setting Utility**.

NOTE:

• The **Select Printer** window appears in this step when multiple print drivers are installed on your computer. In this case, click the name of the desired printer listed in **Printer Name**.

The Printer Setting Utility appears.

2 Click the **Printer Maintenance** tab.

3 Select the desired menu item.

Each menu item has a list of values for the menu item. A value can be:

• A phrase or word to describe a setting

• A numerical value that can be changed

• An On or Off setting

4 Select the desired value, and then click the associated button with each menu item.

Note that the print driver settings have precedence over the settings made on the Printer Settings Utility.

6

Using the Operator Panel Menus

This chapter includes:

Understanding the Printer Menus

This section describes menu options that can be accessed by pressing the ▤ (**Menu**) button on the operator panel.

This section includes:

NOTE:

■ Information Pgs

Use the `Information Pgs` menu to print the settings and history information of your printer.

NOTE:

- A password is required to enter the operator panel menus when `Panel Lock Set` is set to `Enable`. In this case, enter the password you specified, and press the (OK) button.

Printer Settings

Purpose:

To print a list of the information such as the printer name, the status of the printer, and the network settings.

Panel Settings

Purpose:

To print a detailed list of all the settings on the operator panel menus.

Job History

Purpose:

To print a detailed list of the print jobs that have been processed. This list contains the last 10 jobs.

Error History

Purpose:

To print a detailed list of paper jams and fatal errors.

Demo Page

Purpose:

To print a test page.

■ Billing Meters

Use `Billing Meters` to check the total number of printed pages.

NOTE:

- A password is required to enter the operator panel menus when `Panel Lock Set` is set to `Enable`. In this case, enter the password you specified, and press the (OK) button.

Values:

Meter 1	Displays the total number of color prints.
Meter 2	Displays the total number of monochrome prints.
Meter 3	Always shows 0 on your printer.
Meter 4	Displays the total number of color and monochrome prints (Meter 1 + Meter 2).

■ Admin Menu

Use `Admin Menu` to configure a variety of printer features.

NOTE:

- A password is required to enter the operator panel menus when `Panel Lock Set` is set to `Enable`. In this case, enter the password you specified, and press the (OK) button.

Network Setup

Use the `Network Setup` menu to change the printer settings affecting jobs sent to the printer through the wired or wireless network.

NOTE:

- Values marked by an asterisk (*) are the factory default menu settings.

• Ethernet

Purpose:

To specify the communication speed and the duplex settings of Ethernet. The change becomes effective after the printer is turned off and then on.

Values:

Auto*	Detects the Ethernet settings automatically.
10Base Half	Uses 10base-T half-duplex.
10Base Full	Uses 10base-T full-duplex.
100Base Half	Uses 100base-TX half-duplex.
100Base Full	Uses 100base-TX full-duplex.

NOTE:

- For the DocuPrint CP215 w, this item is not displayed when the Ethernet cable is disconnected and `Wireless LAN` is set to `Enable`.

• Wireless LAN (DocuPrint CP215 w Only)

Purpose:

To enable the wireless connection.

Values:

Enable*	Enables the wireless connection.
Disable	Disables the wireless connection.

NOTE:
- When you use the USB connection and do not use the wireless connection, you need to disable `Wireless LAN`.

• Wireless Status (DocuPrint CP215 w Only)

Purpose:

To display the information on the wireless signal strength. No changes can be made on the operator panel to improve the status of the wireless connection.

Values:

Good	Indicates good signal strength.
Acceptable	Indicates marginal signal strength.
Low	Indicates insufficient signal strength.
No Reception	Indicates that no signal is received.

NOTE:
- This item is displayed when the Ethernet cable is disconnected and `Wireless LAN` is set to `Enable`.

• Wireless Setup (DocuPrint CP215 w Only)

Purpose:

To configure the wireless network interface.

Values:

Select Access	Select the access point from the list. The access points are listed starting with the one in the best communication condition.	
	WEP Key	When you select an access point using WEP as the security method, enter the WEP key. For 64bit keys, enter 10 hexadecimal characters. For 128bit keys, enter 26 hexadecimal characters.
	PassPhraseEntry	When you select an access point using WPA, WPA2, or Mixed as the encryption type, enter the passphrase of 8 to 63 alphanumeric characters.

Manual Setup	Enter (SSID)	Specify a name to identify the wireless network. Up to 32 alphanumeric characters can be entered.	
	Infrastructure	Select to configure the wireless settings through the access point such as a wireless router.	
		No Security	Select to configure the wireless settings with no encryption settings.
		Mixed Mode PSK	Select to configure the wireless settings with the Mixed Mode PSK encryption. Mixed Mode PSK automatically selects the encryption type from either WPA-PSK-TKIP, WPA-PSK-AES, or WPA2-PSK-AES.
			PassPhrase Entry — Specify the pass phrase of alphanumeric characters from 8 to 63.
		WEP	Select to configure the wireless settings with the WEP encryption.
			WEP Key — Specify the WEP key to use through the wireless network. For 64bit keys, enter 10 hexadecimal characters. For 128bit keys, enter 26 hexadecimal characters.
			Transmit Key — Select a transmit key from Auto, WEP Key 1, WEP Key 2, WEP Key 3, and WEP Key 4.
		WPA-PSK-TKIP	Select to configure the wireless settings with the WPA-PSK-TKIP encryption.
			PassPhrase Entry — Specify the pass phrase of alphanumeric characters from 8 to 63.
		WPA2-PSK-AES	Select to configure the wireless settings with the WPA2-PSK-AES encryption.
			PassPhrase Entry — Specify the pass phrase of alphanumeric characters from 8 to 63.
	Ad-hoc	Select to configure the wireless settings without the access point such as a wireless router.	
		No Security	Select to configure the wireless settings with no encryption settings.
		WEP	Select to configure the wireless settings with the WEP encryption.
			WEP Key — Specify the WEP key to use through the wireless network. For 64bit keys, enter 10 hexadecimal characters. For 128bit keys, enter 26 hexadecimal characters.
			Transmit Key — Select a transmit key from WEP Key 1, WEP Key 2, WEP Key 3, and WEP Key 4.

NOTE:

• This item is displayed when the Ethernet cable is disconnected and Wireless LAN is set to Enable.

• WPS Setup (DocuPrint CP215 w Only)

Purpose:

To configure the wireless network using WPS.

Values:

Push Btn. Ctrl	Configures the wireless settings with the security method of WPS-PBC.	
PIN Code	Start Config.	Configures the wireless settings using the PIN code assigned automatically by the printer.
	Print PIN Code	Prints the PIN code. Confirm it when you enter the PIN code to your computer.

NOTE:

• Instead of selecting `Push Btn. Ctrl`, you can also start WPS-PBC by pressing and holding the 🛜 (**Wi-Fi**) button.

• WPS 2.0 compliant. WPS 2.0 works on access points with the following encryption types: Mixed Mode PSK, WPA-PSK-AES, WPA2-PSK-AES, WPA-PSK-TKIP, Open (No Security)

• This item is displayed when the Ethernet cable is disconnected and `Wireless LAN` is set to `Enable`.

• Init Wireless (DocuPrint CP215 w Only)

Purpose:

To initialize wireless network settings. After executing this function and rebooting the printer, all wireless network settings are reset to their factory default values.

NOTE:

• This item is displayed when the Ethernet cable is disconnected and `Wireless LAN` is set to `Enable`.

• TCP/IP

Purpose:

To configure TCP/IP settings. The change becomes effective after the printer is turned off and then on.

Values:

IP Mode	Dual Stack*		Uses both IPv4 and IPv6 to set the IP address.
	IPv4 Mode		Uses IPv4 to set the IP address.
	IPv6 Mode		Uses IPv6 to set the IP address.
IPv4	Get IP Address	DHCP/AutoIP*	Automatically sets the IP address.
		BOOTP	Uses BOOTP to set the IP address.
		RARP	Uses RARP to set the IP address.
		DHCP	Uses DHCP to set the IP address.
		Panel	Enables the IP address entered on the operator panel.
	IP Address		Manually sets the IP address allocated to the printer.
	Network Mask		Manually sets the subnet mask.
	Gateway Address		Manually sets the gateway address.

NOTE:

• When you set an IP address in IPv6 mode, use the CentreWare Internet Services. For more information, refer to the Help on the CentreWare Internet Services.

• Protocol

Purpose:

To enable or disable each protocol. The change becomes effective after the printer is turned off and then on.

Values:

LPR	Disable	Disables the Line Printer Daemon (LPR) port.
	Enable*	Enables the LPR port.
Port 9100	Disable	Disables the Port 9100 port.
	Enable*	Enables the Port 9100 port.
WSD	Disable	Disables the Web Services on Devices (WSD) port.
	Enable*	Enables the WSD port.
SNMP	Disable	Disables the Simple Network Management Protocol (SNMP) UDP port.
	Enable*	Enables the SNMP UDP port.
Email Alerts	Disable	Disables the Email Alerts feature.
	Enable*	Enables the Email Alerts feature.
InternetServices	Disable	Disables an access to the CentreWare Internet Services embedded in the printer.
	Enable*	Enables an access to the CentreWare Internet Services embedded in the printer.
Bonjour (mDNS)	Disable	Disables the Bonjour (mDNS).
	Enable*	Enables the Bonjour (mDNS).

• Host Access List

Purpose:

To block data received from certain IP addresses through the wired or wireless network. You can set up to five IP addresses. The change becomes effective after the printer is turned off and then on.

Values:

No.n/Address (n is 1-5.)		Sets the IP address for Filter n.
No.n/Mask (n is 1-5.)		Sets the address mask for Filter n.
No.n/Mode (n is 1-5.)	Off*	Disables the feature for Filter n.
	Accept	Accepts an access from the specified IP address.
	Reject	Rejects an access from the specified IP address.

NOTE:

• This item is only available for LPR or Port 9100.

• Reset Defaults

Purpose:

To initialize network data stored in Non-Volatile Memory (NVM). After executing this function and rebooting the printer, all network settings are reset to their default values.

USB Setup

Use the `USB Setup` menu to change printer settings affecting a USB port.

NOTE:
- Values marked by an asterisk (*) are the factory default menu settings.

• Port Status

Purpose:

To change the USB settings on your printer. The change becomes effective after the printer is turned off and then on.

Values:

`Disable`	Disables the USB interface.
`Enable`*	Enables the USB interface.

System Setup

Use the `System Setup` menu to specify the various basic settings for the printer.

NOTE:
- Values marked by an asterisk (*) are the factory default menu settings.

• PowerSaver Time

Purpose:

To specify the time for transition to Power Saver Mode.

Values:

`Mode1`	`5min.`*	Specifies the time taken by the printer before it enters Mode1 after it finishes a job.
	`5–30min.`	
`Mode2`	`6min.`*	Specifies the time taken by the printer before it enters Mode2 after it goes into Mode1.
	`1–6min.`	

Select `5min.` (default) for Mode1 if your printer shares an electrical circuit with your room lights and you notice them flickering. Otherwise, select a high value to keep your printer available for frequent use with the minimum warm-up time.

The printer automatically returns to the standby mode from the Power Saver Mode when it receives data from the computer. In Mode1, you can also return the printer to the standby mode by pressing any button on the operator panel. In Mode2, you can return the printer to the standby mode by pressing the ⊘ (**Energy Saver**) button.

• Fault Time-out

Purpose:

To specify the time taken by the printer before it cancels jobs that stop abnormally. The print job is cancelled if it times out.

Values:

Off		Disables the fault time-out.
On	60sec.*	Specifies the time taken by the printer before it cancels for jobs that stop abnormally.
	3-300sec.	

• Time-out

Purpose:

To specify the amount of time that the printer waits for data to arrive from the computer. The print job is cancelled if it times out.

Values:

Off		Disables the job time-out.
On	30sec.*	Specifies the amount of time that the printer waits for data to arrive from the computer.
	5-300sec.	

• Auto Log Print

Purpose:

To automatically print a job history report after every 10 jobs.

Values:

Off*	Does not automatically print a job history report.
On	Automatically prints a job history report.

NOTE:
- The job history report can also be printed using the `Information Pgs` menu.

• mm/ inch

Purpose:

To specify the measurement unit displayed after the numeric value on the operator panel.

Values:

millimeter (mm)*	Specifies the default measurement unit.
inch (")	

• Def. Paper Size

Purpose:

To specify the default paper size.

Values:

A4 - 210x297*	
Letter - 8.5x11	

• Low Toner Msg

Purpose:

To specify whether to show the alert message when the toner is low.

Values:

Off	Does not show the alert message when the toner is low.
On*	Shows the alert message when the toner is low.

• S/W Download

Purpose:

To specify whether to allow downloading firmware updates.

Values:

Disable	Disables downloading of firmware updates.
Enable*	Enables downloading of firmware updates.

Maintenance Mode

Use the `Maintenance Mode` menu for maintenance work including initialization of the NVM (non-volatile memory).

NOTE:

• Values marked by an asterisk (*) are the factory default menu settings.

• F/W Version

Purpose:

To display the version of the controller.

• Adjust PaperType

Purpose:

To adjust the paper type.

Values:

Plain	Light
	Normal*
Labels	Light
	Normal*

• Adjust BTR

Purpose:

To specify the optimum voltage settings for printing for the transfer roller (BTR). To lower the voltage, set negative values. To increase, set positive values.

The default settings may not give the best output on all paper types. If you see mottles on the print output, try to increase the voltage. If you see white spots on the print output, try to decrease the voltage.

NOTE:

- The print quality changes depending on the values you select for this item.

Values:

Plain	0*
	-3 – 3
Bond	0*
	-3 – 3
Light Card	0*
	-3 – 3
Labels	0*
	-3 – 3
JP Gloss Card	0*
	-3 – 3
LW Gloss Card	0*
	-3 – 3
Envelope	0*
	-3 – 3
Recycled	0*
	-3 – 3
Postcard	0*
	-3 – 3

• Adj. Fusing Unit

Purpose:

To specify the optimum temperature settings for printing for the fusing unit. To lower the temperature, set negative values. To increase, set positive values.

The default settings may not give the best output on all paper types. When the printed paper has curled, try to lower the temperature. When the toner does not fuse on the paper properly, try to increase the temperature.

NOTE:

• The print quality changes depending on the values you select for this item.

Values:

Plain	0*
	-3 – 3
Bond	0*
	-3 – 3
Light Card	0*
	-3 – 3
Labels	0*
	-3 – 3
JP Gloss Card	0*
	-3 – 3
LW Gloss Card	0*
	-3 – 3
Envelope	0*
	-3 – 3
Recycled	0*
	-3 – 3
Postcard	0*
	-3 – 3

• Auto Regi Adj

Purpose:

To specify whether to automatically adjust color registration.

Values:

Off	Does not automatically adjust color registration.
On*	Automatically adjusts color registration.

• Adjust ColorRegi

Purpose:

To specify whether to manually adjust color registration.

Color registration adjustments need to be made during the initial setup of the printer or when the printer is moved to a different location.

NOTE:

- The `Adjust ColorRegi` feature can be configured when `Auto Regi Adj` is set to `Off`.

Values:

`Auto Adjust`	Automatically corrects color registration.		
`Color Regi Chart`	Prints a color registration chart. The color registration chart prints a lattice pattern of yellow, magenta, and cyan lines. On the chart, find the values on the right side that are next to the line that is perfectly straight for each of the three colors. If the value for this line is 0, color registration is not needed. If the value for this line is any value other than 0, specify the adjustment values under `Enter Number`.		
`Enter Number`	`Enter (Y, M, C)`	`0, 0, 0`*	Specifies lateral (perpendicular to paper feed direction) color adjustment values individually for `Y` (Yellow), `M` (Magenta) and `C` (Cyan).
		`-5 – +5`	
	`Enter (LY, LM, LC)`	`0, 0, 0`*	Specifies process (paper feed direction) color adjustment values individually for `LY` (Left Yellow), `LM` (Left Magenta) and `LC` (Left Cyan).
		`-5 – +5`	
	`Enter (RY, RM, RC)`	`0, 0, 0`*	Specifies process (paper feed direction) color adjustment values individually for `RY` (Right Yellow), `RM` (Right Magenta) and `RC` (Right Cyan).
		`-5 – +5`	

• Clear Developer

Purpose:

To rotate the developer motor and stir the toner in the toner cartridge.

• Toner Refresh

Purpose:

To use up a toner cartridge when you need to replace it before the end of its life, or to stir the toner in a new toner cartridge.

Values:

`Yellow`	Cleans the toner in the yellow toner cartridge.
`Magenta`	Cleans the toner in the magenta toner cartridge.
`Cyan`	Cleans the toner in the cyan toner cartridge.
`Black`	Cleans the toner in the black toner cartridge.

• BTR Refresh

Purpose:

Specify whether to execute counter measures for curling/separating discharge of the paper.

Values:

Off*	Does not automatically execute counter measures for curling/separating discharge of the paper.
On	Automatically executes counter measures for curling/separating discharge of the paper.

• Chart

Purpose:

To print various charts that can be used for diagnosing your printer.

Values:

Ghost	Prints a chart to check for ghost printing.
4Colors	Prints bands of yellow, magenta, cyan, and black with varying density.
Alignment	Prints a chart, and then check for proper alignment of the print image on the paper.
Drum Refresh	Prints a chart to check the light fatigue of the drum cartridge.

• Initialize NVM

Purpose:

To initialize NVM for system parameters. After executing this function and rebooting the printer, all the menu parameters, except the parameters for the network, are reset to their factory default values.

See also:

• Non-GenuineToner

Purpose:

To use toner cartridges of another manufacturer.

NOTE:

- Using non-genuine toner cartridges may make some printer features unusable, reduce print quality and decrease the reliability of your printer. Fuji Xerox recommends only new Fuji Xerox brand toner cartridges for your printer. Fuji Xerox does not provide warranty coverage for problems caused by using accessories, parts, or components not supplied by Fuji Xerox.
- Before you use toner cartridges of another manufacturer, be sure to restart the printer.

Values:

Off*	Does not use toner cartridges of another manufacturer.
On	Uses toner cartridges of another manufacturer.

• Adjust Altitude

Purpose:

To specify the altitude of the location where the printer is installed.

The discharge phenomenon for charging the photo conductor varies with barometric pressure. Adjustments are performed by specifying the altitude of the location where the printer is being used.

NOTE:

- An incorrect altitude adjustment setting leads to poor printing quality or incorrect indication of remaining toner.

Values:

0m*	Specifies the altitude of the location where the printer is installed.
1000m	
2000m	
3000m	

• Machine Life

Purpose:

To specify whether to continue print operations when the printer comes to the end of its service life.

Values:

Stop Print*	Stops print operations at the end of service life.
Continue Print	Continues print operations after the end of service life.

NOTE:

- When the printer no longer operates showing the error code 191-310 on the LCD panel, press the ⤺ (**Back**) button and the ▼ button at the same time and change the Machine Life setting to Continue Print. Then, you can keep using the printer.
- Although you can keep using the printer after the end of its service life by changing the setting to Continue Print, the printing quality is not guaranteed.

Secure Settings

Use the `Secure Settings` menu to set a password to limit access to the menus. This prevents items from being changed accidentally.

NOTE:
- Values marked by an asterisk (*) are the factory default menu settings.

• Panel Lock

Panel Lock Set

Purpose:

To restrict access to the operator panel menus.

See also:
-

Values:

`Disable*`	Does not restrict access to the operator panel menus.	
`Enable`	Restricts access to the operator panel menus with a password.	
	`New Password`	Sets a password required to access the operator panel menus.
	`Re-enter`	Enters the new password again to confirm.

Change Password

Purpose:

To change a password to limit access to the operator panel menus.

Values:

`Current Password`	Enter the current password to change the password.
`New Password`	Enter a new password.
`Re-enter`	Enter the new password again to confirm.

NOTE:
- This item is displayed only when `Panel Lock Set` is set to `Enable`.

• Login Error

Purpose:

To set the maximum number of failed login attempts before an administrator is denied access to the operator panel menus.

Values:

`Off*`	Does not set the maximum number of failed login attempts.	
`On`	`5times`	Sets the maximum number of failed login attempts.
	`1 - 10times`	

NOTE:
- This item is effective only when `Panel Lock Set` is set to `Enable`.

Panel Lock Function

When your printer is configured as a network printer available to a number of users, the access to the operator panel menus can be limited by enabling the Panel Lock. This prevents unauthorized users from changing the settings made by the administrator. However, you can select settings for individual print jobs using the print driver.

This section includes:

■ Enabling the Panel Lock

1 Press the ▤ (**Menu**) button.

2 Select Admin Menu, and then press the (OK) button.

3 Select Secure Settings, and then press the (OK) button.

4 Select Panel Lock, and then press the (OK) button.

5 Select Panel Lock Set, and then press the (OK) button.

6 Select Enable, and then press the (OK) button.

7 Enter a new password, and then press the (OK) button.

8 Re-enter the password to confirm the password that you entered, and then press the (OK) button.

NOTE:

- If you have forgotten your password, turn off the printer. Then, while holding the ▤ (**Menu**) button, turn on the printer. Continue to hold the ▤ (**Menu**) button until the display indicates to enter a new password. Release the ▤ (**Menu**) button and enter a new password, and then press the (OK) button. Re-enter the password to confirm, and then press the (OK) button. The display will briefly indicate the password has been changed.

◼ Changing the Panel Lock Password

1 Press the ▤ (**Menu**) button.

2 Enter the current password, and then press the (OK) button.

3 Select Admin Menu, and then press the (OK) button.

4 Select Secure Settings, and then press the (OK) button.

5 Select Panel Lock, and then press the (OK) button.

6 Select Change Password, and then press the (OK) button.

7 Enter the current password, and then press the (OK) button.

8 Enter a new password, and then press the (OK) button.

9 Re-enter the password to confirm the password that you entered, and then press the (OK) button.

◼ Disabling the Panel Lock

1 Press the ▤ (**Menu**) button.

2 Enter the password, and then press the (OK) button.

3 Select Admin Menu, and then press the (OK) button.

4 Select Secure Settings, and then press the (OK) button.

5 Select Panel Lock, and then press the (OK) button.

6 Select Panel Lock Set, and then press the (OK) button.

7 Select Disable, and then press the (OK) button.

8 Enter the current password, and then press the (OK) button.

Setting the PowerSaver Time Option

You can set the power saver time for the printer. The printer switches to the Power Saver Mode after the specified time.

1 Press the ▤ (**Menu**) button.

2 Select `Admin Menu`, and then press the (OK) button.

3 Select `System Setup`, and then press the (OK) button.

4 Select `PowerSaver Time`, and then press the (OK) button.

5 Select `Mode1` or `Mode2`, and then press the (OK) button.

6 Press the ▼ or ▲ button to select the desired value, and then press the (OK) button.
You can select from 5–30 minutes for `Mode1` or 1–6 minutes for `Mode2`.

7 To return to the previous screen, press the ↰ (**Back**) button.

Resetting to Factory Defaults

After executing `Initialize NVM` and rebooting the printer, all the menu parameters are reset to their default values.

The following menu parameters are exceptions and are not reset.

- `Network Setup`
- `Secure Settings`
- `USB Setup`

NOTE:

- The `Network Setup` settings can be reset by executing `Reset Defaults`. For more information, see .

1 Press the ▤ (**Menu**) button.

2 Select `Admin Menu`, and then press the ⊙ button.

3 Select `Maintenance Mode`, and then press the ⊙ button.

4 Select `Initialize NVM`, and then press the ⊙ button.

5 Confirm that `Are you sure?` appears, and then press the ⊙ button. The printer starts initializing the Non-Volatile Memory (NVM).

6 When the `Initialized.` message appears, turn off and then on the printer to apply the settings.

7

Troubleshooting

This chapter includes:

Clearing Jams

This section includes:

Careful selection of appropriate print media and proper loading allow you to avoid most jams.

See also:

NOTE:

- Before buying large quantities of any print media, it is recommended that you try a sample first.

■ Avoiding Jams

- Use only recommended print media. See "About Print Media" on page 106 for more information.
- See "Loading Print Media in the Multipurpose Feeder" on page 112 and "Loading Print Media in the Priority Sheet Inserter" on page 121 to load print media properly.
- Do not overload the print media sources. Make sure that the stacked print media does not exceed the maximum height indicated on the paper width guides.
- Do not load wrinkled, creased, damp, or curled print media.
- Flex, fan, and straighten print media before you load it. If a jam occurs with print media, try feeding one sheet at a time through the multipurpose feeder or the priority sheet inserter.
- Do not use print media that you have cut or trimmed.
- Do not mix print media sizes, weights, or types in the same print media source.
- Make sure that the recommended print side is facing up when you insert the print media.
- Keep print media stored in an acceptable environment. See "Print Media Storage Guidelines" on page 107 for more information.
- Do not remove the priority sheet inserter during a print job.
- Make sure that all cables connected to the printer are correctly inserted.
- Overtightening the guides may cause jams.

■Identifying the Location of Paper Jams

> **⚠ CAUTION:**
> - **Do not attempt to remove a paper deeply jammed inside the product, particularly a paper wrapped around the fusing unit or the heat roller. Otherwise, it may cause injuries or burns. Switch off the product immediately and contact your local Fuji Xerox representative.**

IMPORTANT:
- Do not attempt to clear any jams using tools or instruments. This may permanently damage the printer.

The following illustration shows where paper jams may occur along the print media path.
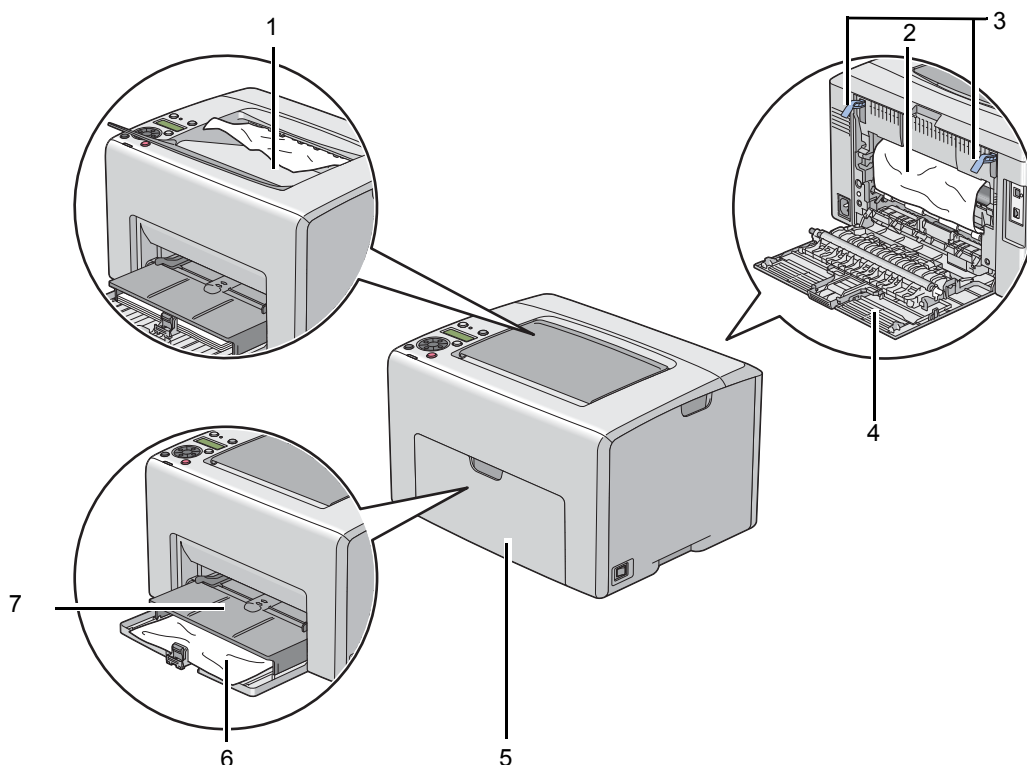
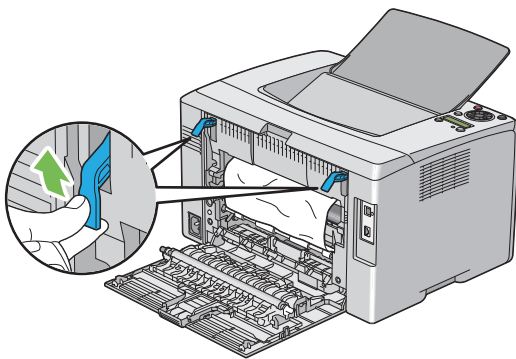|	
1	Center Output Tray
2	Transfer Belt
3	Levers
4	Rear Door
5	Front Cover
6	Multipurpose Feeder
7	Priority Sheet Inserter

◼ Clearing Paper Jams From the Front of the Printer

NOTE:

- To resolve the error displayed on the LCD panel, you must clear all print media from the print media path.

**1** Pull the priority sheet inserter out.
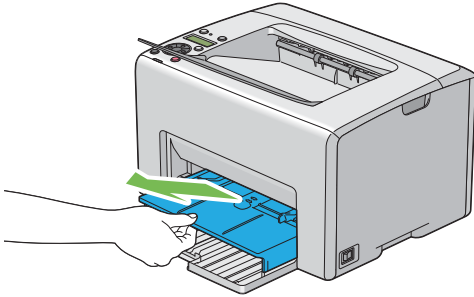
2 Remove any paper jammed from the front of the printer.
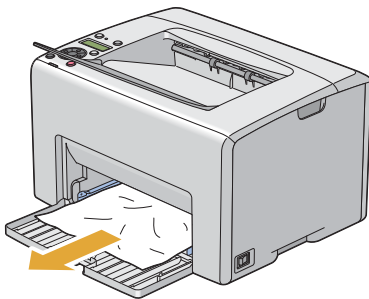
3 Replace the priority sheet inserter in the printer.
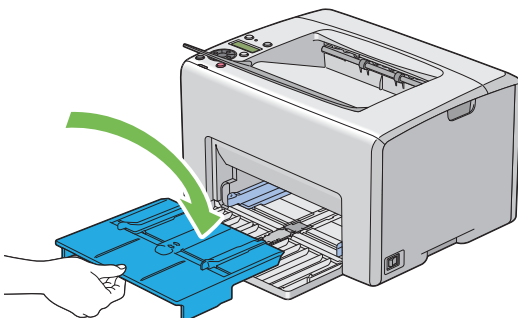
IMPORTANT:

- Do not use excessive force on the priority sheet inserter. Doing so could damage it or the inside of the printer.

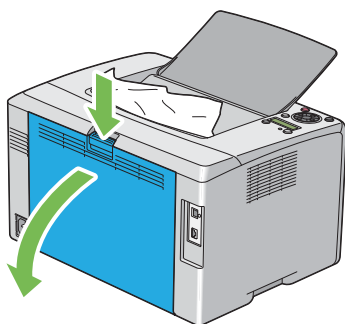# ■ Clearing Paper Jams From the Rear of the Printer

IMPORTANT:

- To prevent electric shock, always turn off the printer and disconnect the power cord from the grounded outlet before performing maintenance.
- To avoid burns, do not clear paper jams immediately after printing. The fusing unit becomes extremely hot during use.
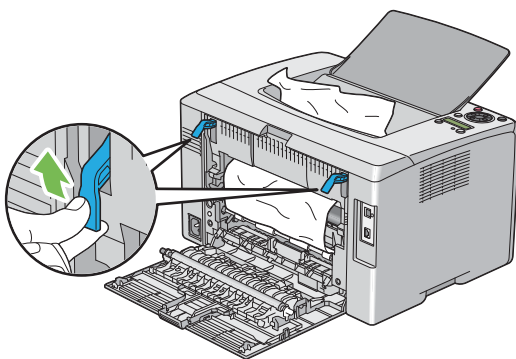
NOTE:

- To resolve the error displayed on the LCD panel, you must clear all print media from the print media path.

**1** Push the rear door handle and open the rear door.

2 Lift up the levers.

3 Remove any paper jammed from the rear of the printer by carefully pulling it in the direction of the arrow shown in the following illustration.
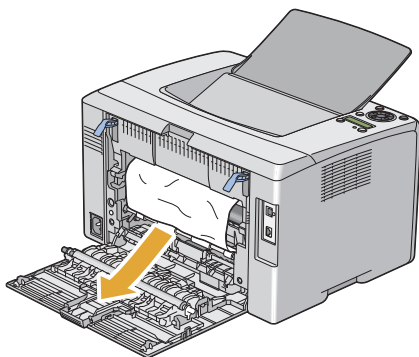
4 Lower the levers to their original position.
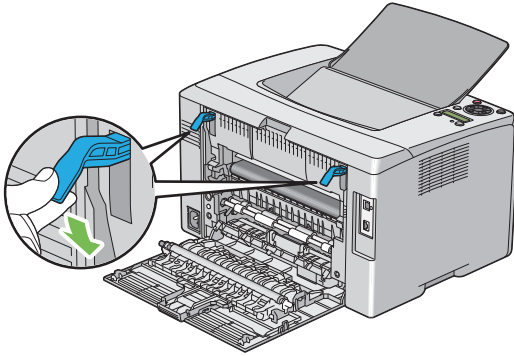
5 Close the rear door.
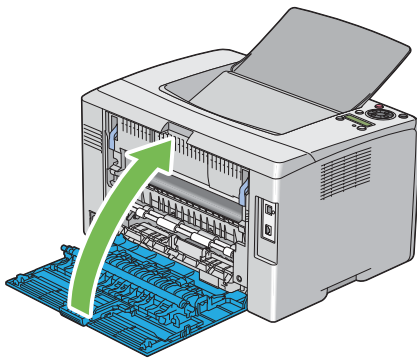
■ Clearing Paper Jams From the Center Output Tray

IMPORTANT:
- To prevent electric shock, always turn off the printer and disconnect the power cord from the grounded outlet before performing maintenance.
- To avoid burns, do not clear paper jams immediately after printing. The fusing unit becomes extremely hot during use.

NOTE:
- To resolve the error displayed on the LCD panel, you must clear all print media from the print media path.

1 Push the rear door handle and open the rear door.

2 Lift up the levers.

3 Remove any paper jammed from the rear of the printer by carefully pulling it in the direction of the arrow shown in the following illustration.
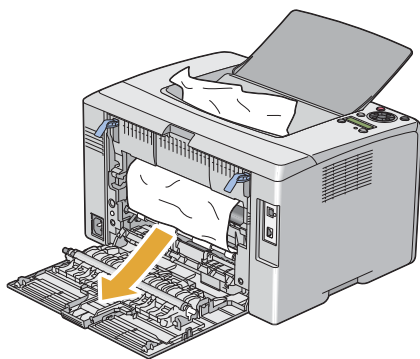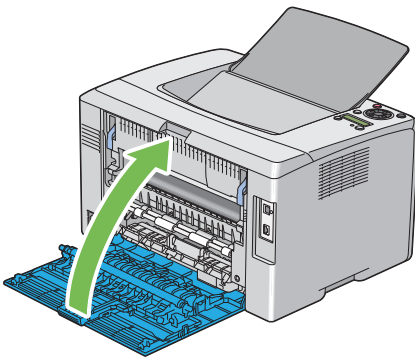
4 If no paper is found in the paper path, remove any paper jammed out of the center output tray.
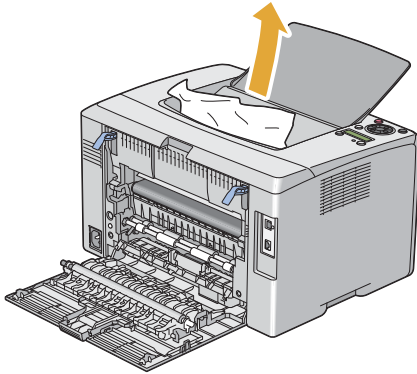
5 Lower the levers to their original position.
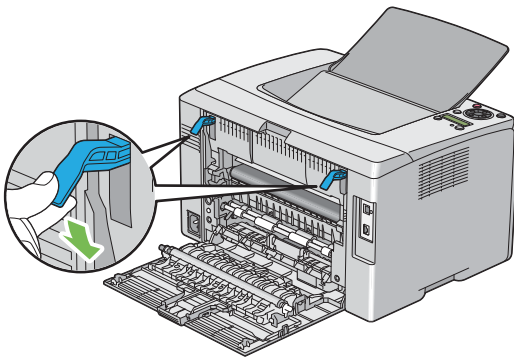
6 Close the rear door.

7 When you cannot remove the jammed paper even if performing the above steps, press and hold the ⊘ (**Cancel Job**) button for two seconds.

The message Clearing jammed paper is displayed and the jammed paper is ejected along with a paper fed from the multipurpose feeder or the priority sheet inserter.

NOTE:
- After using this feature, the print job in progress is cancelled.
- To use this feature, paper must be loaded in the multipurpose feeder or the priority sheet inserter.

■ Jam Problems

Misfeed jam

Problem	Action
Print media misfeeds occur.	Remove the paper from the priority sheet inserter, and then make sure that the paper is properly inserted in the multipurpose feeder.
	Depending on the print media you use, take any of the following actions: • For thick paper, use the one that is 163 gsm or less. • For thin paper, use the one that is 60 gsm or more. • For the envelope, make sure that it is properly loaded in the multipurpose feeder or the priority sheet inserter as instructed in "Loading Envelope in the Multipurpose Feeder" on page 117 or "Loading Envelope in the Priority Sheet Inserter" on page 123.
	If the envelope is deformed, correct it or use another envelope.
	If performing manual duplex printing, make sure that the print media is not curled.
	Fan the print media.
	If the print media is damp, turn over the print media.
	If the problem continues, use print media that is not damp.

NOTE:
• If the problem continues even though you have taken suggested actions described above, contact the Fuji Xerox local representative office or an authorized dealer.

Multi-feed jam

Problem	Action
Print media multiple feeds occur.	Remove the paper from the priority sheet inserter, and then make sure that the paper is inserted properly in the multipurpose feeder.
	If the print media is damp, use print media that is not damp.
	Fan the print media.

NOTE:
• If the problem continues even though you have taken suggested actions described above, contact the Fuji Xerox local representative office or an authorized dealer.

Basic Printer Problems

Some printer problems can be easy to resolve. If a problem occurs with your printer, check each of the following:

- The power cord is connected to the printer, and to a properly grounded electrical outlet.
- The printer is turned on.
- The electrical outlet is not turned off at any switch or breaker.
- Other electrical equipment plugged into the outlet is working.
- When your printer is connected to the computer with the Wireless connection, the Ethernet cable is not connected between the printer and the network.

If you have checked all of the above and still have a problem, turn off the printer, wait for 10 seconds, and then turn on the printer. This often fixes the problem.

NOTE:

- If error messages are displayed on the LCD panel or on your computer screen, follow the on-screen instructions to resolve the printer problems. For details about error messages and error codes, see "Understanding Printer Messages" on page 205.

Display Problems

Problem	Action
After the printer is turned on, the display on the LCD panel is blank, keeps showing `Please wait...`, or the back light is not lit.	Turn off the printer, wait for 10 seconds, and turn on the printer. Self Test Message appears on the LCD panel. When the test is completed, `Ready` is displayed.
Menu settings changed from the operator panel have no effect.	Settings in the software program, the print driver, or the printer utilities have precedence over the settings made on the operator panel.
	Change the menu settings from the print driver, the printer utilities, or the software program instead of the operator panel.

Printing Problems

Problem	Action
Job did not print or incorrect characters printed.	Confirm that `Ready` appears on the LCD panel before you send a job to print. Press the ▤ (**Menu**) button to return to `Ready`.
	Make sure that print media is loaded in the printer. Press the ▤ (**Menu**) button to return to `Ready`.
	Verify that you are using the correct print driver.
	Make sure that you are using the correct Ethernet or USB cable and that it is securely connected to the printer.
	Verify that the correct print media size is selected.
	If you are using a print spooler, verify that the spooler has not stalled.
	Check the interface of your printer from `Admin Menu`.
	Determine the host interface you are using. Print a Printer Settings page to verify that the current interface settings are correct. Refer to "Printing a Printer Settings Page" on page 148 for details on how to print a Printer Settings page.
Print media misfeeds or multiple feeds occur.	Make sure that the print media you are using meets the specifications for your printer. **See also:** • "Usable Print Media" on page 108
	Fan the print media before loading it.
	Make sure that the print media is loaded correctly.
	Make sure that the paper width guides and length guide are adjusted correctly.
	Make sure that the priority sheet inserter is securely inserted.
	Do not overload the print media sources.
	Do not force print media into the priority sheet inserter or the multipurpose feeder when you load it. Otherwise, it may skew or buckle.
	Make sure that the print media is not curled.
	Load the recommended print side correctly for the type of print media you are using. **See also:** • "Loading Print Media" on page 111
	Turn the print media over or around and try printing again to see if feeding improves.
	Do not mix print media types.
	Do not mix reams of print media.
	Remove the top and bottom curled sheets of a ream before loading the print media.
	Load the print media source only when it is empty.
The envelope is creased after printing.	Make sure that the envelope is loaded as instructed in "Loading Envelope in the Multipurpose Feeder" on page 117 or "Loading Envelope in the Priority Sheet Inserter" on page 123.

Problem	Action
Page breaks in unexpected places.	Increase the value for **Job Time-Out** in the **System Settings** menu, that is on the **Printer Maintenance** tab in the Printer Setting Utility.
	Increase the time-out value for the protocol in use in the **Protocol Settings** menu on the CentreWare Internet Services.
Print media does not stack neatly in the center output tray.	Turn the print media stack over in the priority sheet inserter and multipurpose feeder.
Printer does not duplex pages.	Select either of the duplex printing options (flip on short edge/flip on long edge) in the print driver. **See also:** • "Manual Duplex Printing" on page 127

Print Quality Problems

This section includes:

NOTE:

- In this section, some procedures use the Printer Setting Utility or the SimpleMonitor. Some procedures that use the Printer Setting Utility can also be performed using the operator panel.

See also:
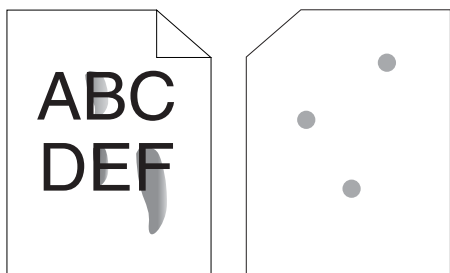
■ The Output Is Too Light

ABC
DEF

Problem	Action
The output is too light.	The toner cartridges may be low or need to be replaced. Confirm the amount of toner in each toner cartridge. **1** Check the toner level in the **Status** tab in the **Status Monitor** window. **2** Replace the toner cartridges as necessary.
	Verify that the print media is dry and the correct print media is used. If not, use the print media recommended for the printer. **See also:** • "Usable Print Media" on page 108
	Try changing the paper type setting in the print driver. The following procedure uses the Microsoft® Windows® print driver as an example. **1** On the **Paper/Output** tab in **Printing Preferences** of the print driver, select **Advanced Paper Selection** from the **Paper** drop-down menu. **2** Change the **Bypass Paper Type** setting. **3** Load dry (not damp) and correct print media, and then click **Print Test Page** in the **Properties** window of the print driver.
	Disable the toner saving feature in the print driver. **See also:** • "Conserving Supplies" on page 231

NOTE:
• If the problem continues even though you have taken suggested actions described above, contact the Fuji Xerox local representative office or an authorized dealer.

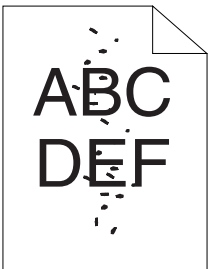# ■ Toner Smears or Print Comes Off/Stain on Back Side

Problem	Action
Toner smears or print comes off. The output has stain on the back side.	The print media surface may be uneven. Try changing the paper type setting in the print driver. For example, change Plain to Lightweight Cardstock. The following procedure uses the Windows print driver as an example. **1** On the **Paper/Output** tab in **Printing Preferences** of the print driver, select **Advanced Paper Selection** from the **Paper** drop-down menu. **2** Change the **Bypass Paper Type** setting.
	Verify that the correct print media is being used. If not, use the print media recommended for the printer. **See also:** • ["Usable Print Media" on page 108](#)
	Adjust the temperature of the fusing unit. **1** Launch the Printer Setting Utility, and click **Adjust Fusing Unit** on the **Printer Maintenance** tab. **2** Adjust the fixing temperature by turning up the value for your printing media. **3** Click the **Apply New Settings** button.

NOTE:

• If the problem continues even though you have taken suggested actions described above, contact the Fuji Xerox local representative office or an authorized dealer.

■ Random Spots/Blurred Images
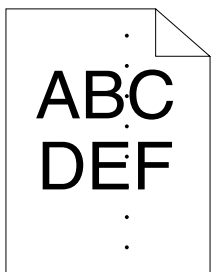

Problem	Action
The printed result has random spots or is blurred.	Make sure that the toner cartridges are installed correctly. **See also:** • "Installing a Toner Cartridge" on page 222
	If you use non-genuine brand toner cartridges, install genuine brand toner cartridges.
	Clean up the fusing unit. **1** Load one sheet of paper on the multipurpose feeder, and then print a solid image all over paper. **2** Load the printed sheet with the printed side facing down, and then print a blank sheet of paper.

NOTE:
• If the problem continues even though you have taken suggested actions described above, contact the Fuji Xerox local representative office or an authorized dealer.

■ The Entire Output Is Blank
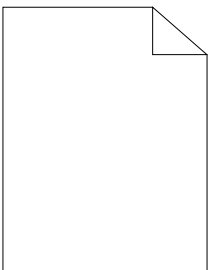
If this trouble happens, contact the Fuji Xerox local representative office or an authorized dealer.
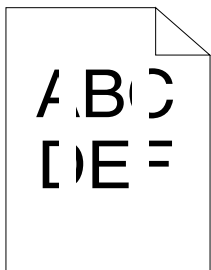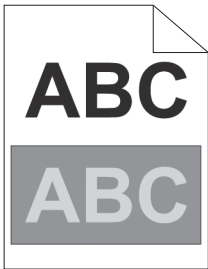
■Streaks Appear on the Output
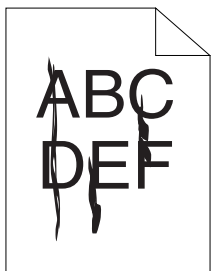
If this trouble happens, contact the Fuji Xerox local representative office or an authorized dealer.

■Pitched Color Dots

If this trouble happens, contact the Fuji Xerox local representative office or an authorized dealer.

■Vertical Blanks

Problem	Action
The printed result has vertical blanks.	Clean inside the printer and perform a test print.
	1 Clean inside the printer by using the print head cleaning rod.
	2 Click **Print Test Page** in the Properties window of the print driver.
	See also:
	• "Cleaning Inside the Printer" on page 215

NOTE:

• If the problem continues even though you have taken suggested actions described above, contact the Fuji Xerox local representative office or an authorized dealer.

■ Mottle
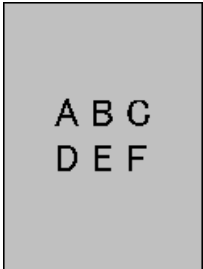
Problem	Action
The printed result has mottled appearance.	Adjust the transfer bias. **1** Launch the Printer Setting Utility, and click **Adjust BTR** on the **Printer Maintenance** tab. **2** Adjust the setting for the type of print media being used. **3** Click the **Apply New Settings** button.
	If you use non-recommended print media, use the print media recommended for the printer.

NOTE:

• If the problem continues even though you have taken suggested actions described above, contact the Fuji Xerox local representative office or an authorized dealer.

■ Ghosting

Problem	Action
The printed result has ghosting.	Adjust the transfer bias. **1** Launch the Printer Setting Utility, and click **Chart Print** on the **Diagnosis** tab. **2** Click the **Ghost Configuration Chart** button. The Ghost Configuration Chart is printed. **3** Click **BTR Refresh Mode** on the **Printer Maintenance** tab. **4** Select the check box next to **On**, and then click the **Apply New Settings** button. **5** Click **Chart Print** on the **Diagnosis** tab. **6** Click the **Ghost Configuration Chart** button. The Ghost Configuration Chart is printed.
	The print media surface may be uneven. Try changing the paper type setting in the print driver. For example, change Plain to Lightweight Cardstock. The following procedure uses the Windows print driver as an example. **1** On the **Paper/Output** tab in **Printing Preferences** of the print driver, select **Advanced Paper Selection** from the **Paper** drop-down menu. **2** Change the **Bypass Paper Type** setting.
	Adjust the temperature of the fusing unit. **1** Launch the Printer Setting Utility, and click **Adjust Fusing Unit** on the **Printer Maintenance** tab. **2** Adjust the fixing temperature by turning up the value for your printing media. **3** Click the **Apply New Settings** button.
	If you use non-recommended print media, use the print media recommended for the printer.

NOTE:

• If the problem continues even though you have taken suggested actions described above, contact the Fuji Xerox local representative office or an authorized dealer.

■Fog

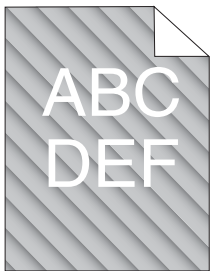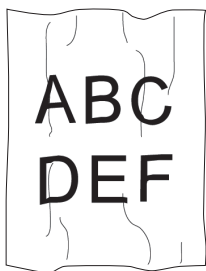| Problem	Action
The printed result is foggy.	When the whole is printed light, contact the Fuji Xerox local representative office or an authorized dealer.
	When the printed page is partly light, start **Developer Stir Mode**. **1** Launch the Printer Setting Utility, and click **Developer Stir Mode** on the **Diagnosis** tab. **2** Click the **Start** button.

NOTE:
• If the problem continues even though you have taken suggested actions described above, contact the Fuji Xerox local representative office or an authorized dealer.

■Bead-Carry-Out (BCO)
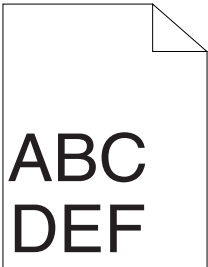

Problem	Action
Bead-Carry-Out (BCO) is happening.	If the printer is installed in a high altitude location, set the altitude of the location. **1** Launch the Printer Setting Utility, and click **Adjust Altitude** on the **Printer Maintenance** tab. **2** Select the value close to the altitude of the location where the printer is installed. **3** Click the **Apply New Settings** button.

NOTE:
• If the problem continues even though you have taken suggested actions described above, contact the Fuji Xerox local representative office or an authorized dealer.

■Auger Mark

ABC
DEF

Problem	Action
The printed result has auger mark.	The toner cartridges may be low or need to be replaced. Confirm the amount of toner in each toner cartridge. **1** Check the toner level in the **Status** tab in the **Status Monitor** window. **2** Replace the toner cartridges as necessary.
	Start **Developer Stir Mode**. **1** Launch the Printer Setting Utility, and click **Developer Stir Mode** on the **Diagnosis** tab. **2** Click the **Start** button.

NOTE:
• If the problem continues even though you have taken suggested actions described above, contact the Fuji Xerox local representative office or an authorized dealer.

■ Wrinkled/Stained Paper

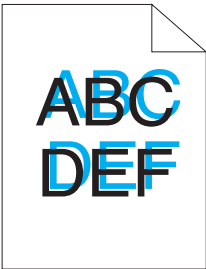
Problem	Action
The output is wrinkled. The output is stained.	Verify that the correct print media is being used. If not, use the print media recommended for the printer. **See also:** • "Usable Print Media" on page 108 • "About Print Media" on page 106
	If you use the envelope, check whether the crease is within 30 mm of the four edges of the envelope. If the crease is within 30 mm of the four edges of the envelope, this is considered normal. Your printer is not at fault. If not, take the following actions: • If the envelope is #10 envelope, which is 220 mm or longer and has a flap on the long edge, use a different size envelope. • If the envelope is C5, which is 220 mm or longer and has a flap on the short edge, load it in the multipurpose feeder with the flap open and facing up. • If the envelope is Monarch or DL, which is shorter than 220 mm, load it long edge feed in the multipurpose feeder with the flap open and facing up. If the problem continues, use a different size envelope.

NOTE:
• If the problem continues even though you have taken suggested actions described above, contact the Fuji Xerox local representative office or an authorized dealer.

■ The Top Margin Is Incorrect

ABC
DEF

Problem	Action
The top margin is incorrect.	Make sure that the margins are set correctly on the application being used.

NOTE:

- If the problem continues even though you have taken suggested actions described above, contact the Fuji Xerox local representative office or an authorized dealer.

■ Color Registration Is Out of Alignment

Problem	Action
Color registration is out of alignment.	Execute an auto color registration adjustment. **1** Launch the Printer Setting Utility, and click **Color Registration Adjustment** on the **Printer Maintenance** tab. **2** Deselect the check box next to **On**. **3** Click the **Start** button next to **Auto Correct**.
	Clean the CTD sensor. **1** Clean the CTD sensor. **2** Launch the Printer Setting Utility, and click **Color Registration Adjustment** on the **Printer Maintenance** tab. **3** Deselect the check box next to **On**. **4** Click the **Start** button next to **Auto Correct**. **See also:** • "Cleaning the Color Toner Density (CTD) Sensor" on page 218
	Print the color registration chart and manually correct the color registration. **1** Launch the Printer Setting Utility, and click **Color Registration Adjustment** on the **Printer Maintenance** tab. **2** Deselect the check box next to **On**. **3** Click the **Start** button next to **Print Color Regi Chart**. **4** Select the paper size, and then click **OK**. The color registration chart is printed. **5** Check the values with the straight lines on the chart. **6** Select the value for each color on the Printer Setting Utility. **7** Click the **Apply New Settings** button. **8** Click the **Start** button next to **Print Color Regi Chart** to print the color registration chart again. **9** Adjust until all straight lines are at the value of 0. **See also:** • "Adjusting Color Registration" on page 197

NOTE:

• If the problem continues even though you have taken suggested actions described above, contact the Fuji Xerox local representative office or an authorized dealer.

■ Protrudent/Bumpy Paper

ABC
DEF
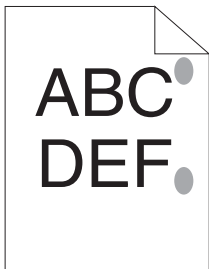
Problem	Action
Printed surface got protrudent/bumpy.	Clean up the fusing unit. **1** Load one sheet of paper on the multipurpose feeder, and then print a solid image all over the paper. **2** Load the printed sheet with the printed side facing down, and then print a blank sheet of paper.

NOTE:

• If the problem continues even though you have taken suggested actions described above, contact the Fuji Xerox local representative office or an authorized dealer.

Adjusting Color Registration

This section describes how to adjust the color registration when you first install the printer or after moving it to a new location.

This section includes:

■ Performing Auto Correct

Auto Correct allows you to correct the color registration automatically.

Using the Operator Panel

1 Press the ▤ (**Menu**) button.

2 Select `Admin Menu`, and then press the (OK) button.

3 Select `Maintenance Mode`, and then press the (OK) button.

4 Select `Adjust ColorRegi`, and then press the (OK) button.

5 Select `Auto Adjust`, and then press the (OK) button.

6 Confirm that `Are you sure?` appears, and then press the (OK) button.

Auto Correct is performed.

Using the Printer Setting Utility (Windows Only)

The following procedure uses Windows 7 as an example.

1 Click **Start** → **All Programs** → **Fuji Xerox** → **Fuji Xerox Printer Software for Asia-Pacific** → your printer → **Printer Setting Utility**.

NOTE:
- The **Select Printer** window appears in this step when multiple print drivers are installed on your computer. In this case, click the name of the desired printer listed in **Printer Name**.

The Printer Setting Utility opens.

2 Click the **Printer Maintenance** tab.

3 Select **Color Registration Adjustment** from the list at the left side of the page.

The **Color Registration Adjustment** page is displayed.

4 Deselect the check box next to **On**.

5 Click the **Start** button next to **Auto Correct**.

The color registration is corrected automatically.

■Printing the Color Registration Chart

Using the Operator Panel

1 Press the ▤ (**Menu**) button.

2 Select `Admin Menu`, and then press the (OK) button.

3 Select `Maintenance Mode`, and then press the (OK) button.

4 Select `Adjust ColorRegi`, and then press the (OK) button.

5 Select `Color Regi Chart`, and then press the (OK) button.
The color registration chart is printed.

Using the Printer Setting Utility (Windows Only)

The following procedure uses Windows 7 as an example.

1 Click **Start** → **All Programs** → **Fuji Xerox** → **Fuji Xerox Printer Software for Asia-Pacific** → your printer → **Printer Setting Utility**.

NOTE:
• The **Select Printer** window appears in this step when multiple print drivers are installed on your computer. In this case, click the name of the desired printer listed in **Printer Name**.

The Printer Setting Utility opens.

2 Click the **Printer Maintenance** tab.

3 Select **Color Registration Adjustment** from the list at the left side of the page.
The **Color Registration Adjustment** page is displayed.

4 Deselect the check box next to **On**.

5 Click the **Start** button next to **Print Color Regi Chart**.

6 Select the paper size, and then click **OK**.
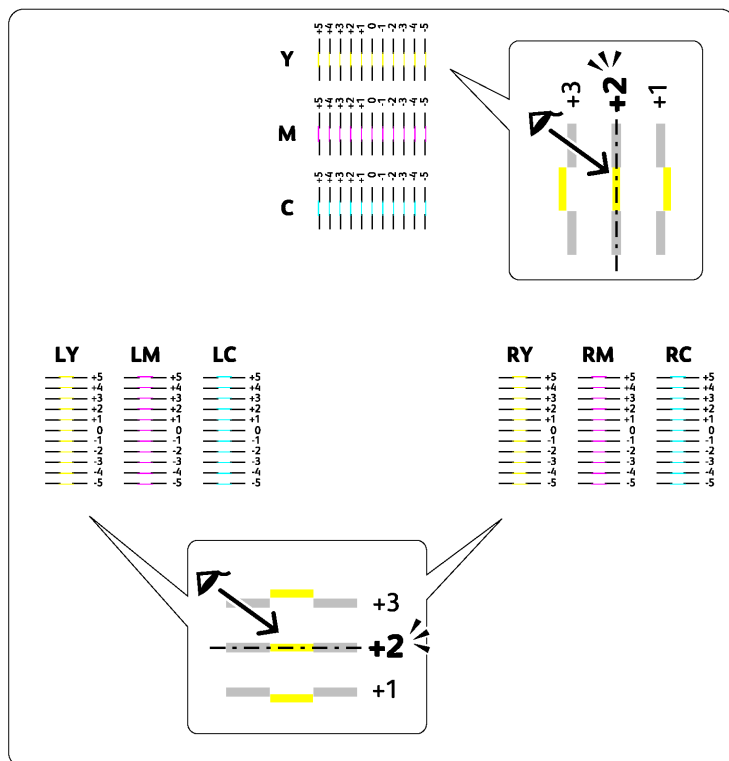The color registration chart is printed.

■ Determining Values

On the color registration chart printed, find the straightest lines where the two black lines and the colored line are most closely aligned for each color (Y, M, and C).

If you find the straightest line, make a note of the value (-5 – +5) indicated by the straightest line for each color.

When the value is 0 for each color, you do not need to adjust the color registration.

When the value is not 0, enter the value according to the procedure in .

■Entering Values

Using the Operator Panel

Using the operator panel, enter the values that you found in the color registration chart to make adjustments.

1 Press the ▤ (**Menu**) button.

2 Select `Admin Menu`, and then press the (OK) button.

3 Select `Maintenance Mode`, and then press the (OK) button.

4 Select `Adjust ColorRegi`, and then press the (OK) button.

5 Select `Enter Number`, and then press the (OK) button.

6 Confirm that `Enter (Y, M, C)` appears, and then press the ▲ or ▼ button until you reach the value (for example, `+3`) displayed on the chart.

7 Press the ▶ button once and move the cursor to the next color.

8 Repeat steps **6** and **7** to enter all of the digits, and then press the (OK) button.

9 Confirm that `Enter (LY, LM, LC)` appears.

10 Press the ▲ or ▼ button until you reach the value (for example, `+3`) displayed on the chart.

11 Press the ▶ button once and move the cursor to the next color.

12 Repeat steps **10** and **11** to enter all of the digits, and then press the (OK) button.

13 Confirm that `Enter (RY, RM, RC)` appears.

14 Press the ▲ or ▼ button until you reach the value (for example, `+3`) displayed on the chart.

15 Press the ▶ button once and move the cursor to the next color.

16 Repeat steps **14** and **15** to enter all of the digits, and then press the (OK) button.
The top screen appears.

17 Perform steps **1** to **4** to enter the `Adjust ColorRegi` menu.

18 Select `Color Regi Chart`, and then press the (OK) button.
The color registration chart is printed with the new values.

19 Adjust until all straight lines are at the value of 0. Viewing the images before and after will help.

Using the Printer Setting Utility (Windows Only)

Using the Printer Setting Utility, enter the values that you found in the color registration chart to make adjustments.

The following procedure uses Windows 7 as an example.

1   Click **Start** → **All Programs** → **Fuji Xerox** → **Fuji Xerox Printer Software for Asia-Pacific** → your printer → **Printer Setting Utility**.

    NOTE:

- The **Select Printer** window appears in this step when multiple print drivers are installed on your computer. In this case, click the name of the desired printer listed in **Printer Name**.

    The Printer Setting Utility opens.

2   Click the **Printer Maintenance** tab.

3   Select **Color Registration Adjustment** from the list at the left side of the page.

    The **Color Registration Adjustment** page is displayed.

4   Deselect the check box next to **On**.

5   Select the value you checked in the color registration chart, and then click the **Apply New Settings** button.

6   Click the **Start** button next to **Print Color Regi Chart**.

7   Select the paper size, and then click **OK**.

    The color registration chart is printed with the new values.

8   Adjust until all straight lines are at the value of 0. Viewing the images before and after will help.

IMPORTANT:

- After printing the color registration chart, do not turn off the printer until the printer motor has stopped running.

Noise

NOTE:

- In this section, the procedures use the Printer Setting Utility.

See also:

- "Printer Setting Utility (Windows Only)" on page 44

Problem	Action
The printer makes a strange noise.	Locate the cause of the problem by removing the toner cartridges. **1** Remove the toner cartridges. **2** Launch the Printer Setting Utility, and click **Machine Check** on the **Diagnosis** tab. **3** Select **Main Motor Operation Check** from the drop-down list box, and click the **Start** button. **4** Click the **Play of Sound** button to check the motor sound. **See also:** - "Replacing Toner Cartridges" on page 219 If the noise generated from the printer matches with the noise from the **Play of Sound** button, perform Dispense Motor Check. If not, contact the Fuji Xerox local representative office or an authorized dealer.
	Perform Dispense Motor Check. **1** Launch the Printer Setting Utility, and click **Machine Check** on the **Diagnosis** tab. **2** Select **Dispense Motor Check(Yellow)**, **Dispense Motor Check(Magenta)**, **Dispense Motor Check(Cyan)**, or **Dispense Motor Check(Black)** from the drop-down list box, and click the **Start** button. **3** Click the **Play of Sound** button to check the motor sound. **4** Repeat steps **2** and **3** to perform Dispense Motor Check for the rest of the toner cartridges. **NOTE:** - You can perform Dispense Motor Check for CMYK in any order you desire. - Do not check the operation of the dispense motor repeatedly. If the noise generated from the printer matches with the noise from the **Play of Sound** button, reinstall the toner cartridges and perform Dispense Motor Check again. If not, contact the Fuji Xerox local representative office or an authorized dealer.

Wireless Problems (DocuPrint CP215 w Only)

Problem	Action
Cannot setup wireless connection.	Make sure that the Ethernet cable is disconnected from the printer.
	Ensure that `Wireless LAN` is set to `Enable`. **See also:** • ["Wireless LAN (DocuPrint CP215 w Only)" on page 154](#)
	Try disabling the firewall on your computer. The firewall on your computer may be blocking communication with your printer.
Cannot setup wireless connection with WPS (Wi-Fi Protected Setup®).	Ensure that the security setting of the wireless LAN access point or router is WPA or WPA2. (WEP is not supported on WPS.)
	Turn off the printer, and then on again.
The message `Wireless Session Overlap Error` is displayed when setting up wireless connection.	Two or more wireless LAN access points or routers may be performing WPS setup at the same time. Wait for a while, and then try again.
Cannot setup wireless connection with the WPS-PBC (Wi-Fi Protected Setup-Push Button Configuration).	Press the WPS button on the wireless LAN access point or router within two minutes after starting the WPS operation on the printer. For details about the wireless LAN access point or router, refer to the manual supplied with the wireless LAN access point or router.
Cannot setup wireless connection with WPS-PIN (Wi-Fi Protected Setup-Personal Identification Number).	Check if the PIN you have entered on the computer is correct.
Cannot connect to the wireless network after setting up wireless connection.	Check if the passphrase for WPA/WPA2 encryption or WEP key set on the wireless LAN access point or router has been changed. (Passphrase may be described as key on some access points or routers.) For details about the wireless LAN access point or router, refer to the manual supplied with the wireless LAN access point or router.

Other Problem

Problem	Action
Condensation has occurred inside the printer.	This usually occurs within several hours after you heat the room in winter. This also occurs when the printer is operating in a location where relative humidity reaches 85% or more. Adjust the humidity or relocate the printer to an appropriate environment.

Understanding Printer Messages

The printer LCD panel displays messages describing the current state of the printer and indicates possible printer problems you must resolve. This section describes messages, their meanings, and how to clear the messages.

IMPORTANT:
- When an error code is displayed, the print data remaining on the printer and the information accumulated in the memory of the printer are not secured.

Error-Code	What You Can Do
010-397 016-500	Turn off the printer, and then on. If this does not solve the problem, contact the Fuji Xerox local representative office or an authorized dealer.
016-501 016-502	**See also:** • "Online Services" on page 239
016-602	This is not an error. You can continue the operation normally.
016-610 016-612	Turn off the printer, and then on. If this does not solve the problem, contact the Fuji Xerox local representative office or an authorized dealer. **See also:** • "Online Services" on page 239
016-718 016-720 016-737 016-741 016-742 016-743 016-744 016-745	Press the ⓞⓚ button to cancel the current print job. **See also:** • "Canceling a Print Job" on page 135
016-746	Press the ⓞⓚ button. Enable `S/W Download` and execute the operation again according to the operation procedure. **See also:** • "S/W Download" on page 160
016-799	Press the ⓞⓚ button to cancel the current print job. **See also:** • "Canceling a Print Job" on page 135
016-920 016-921	Press the ⓞⓚ button. Execute the operation again according to the operation procedure.
016-922	Press the ⓞⓚ button. Set only wireless LAN access point (Registrar) to be operated with WPS-PBC, and execute the operation again according to the operation procedure.
016-923	Press the ⓞⓚ button. Check the passphrase for the wireless LAN access point (Registrar) or router and execute the operation again according to the operation procedure.
016-924	Press the ⓞⓚ button. Check if the security setting of the wireless LAN access point (Registrar) or router is WPA or WPA2 (WEP is not supported on WPS), and execute the operation again according to the operation procedure.

Error-Code	What You Can Do
018-318	Turn off the printer, and then on. If this does not solve the problem, contact the Fuji Xerox local representative office or an authorized dealer.
024-340	
024-360	**See also:** • "Online Services" on page 239
024-371	Turn off the printer, and then on. Or, unplug the Ethernet cable or USB cable, and then plug it again. If this does not solve the problem, contact the Fuji Xerox local representative office or an authorized dealer. **See also:** • "Online Services" on page 239
024-958	Load the correct paper.
024-963	**See also:** • "Loading Print Media in the Multipurpose Feeder" on page 112 • "Loading Print Media in the Priority Sheet Inserter" on page 121
027-446	Change the IP address to avoid duplication. Turn off the printer, and turn it on again.
027-452	
041-340	Turn off the printer, and then on. If this does not solve the problem, contact the Fuji Xerox local representative office or an authorized dealer.
042-325	
042-358	**See also:** • "Online Services" on page 239
042-372	
061-370	
075-100	Check and clear the paper path, load the specified paper, and then press the ⃝OK button. **See also:** • "Clearing Paper Jams From the Front of the Printer" on page 174
075-921	Load paper for the second side (odd) pages, and press the ⃝OK button. **See also:** • "Manual Duplex Printing" on page 127
077-100	Check and clear the paper path.
077-104	**See also:** • "Clearing Paper Jams From the Rear of the Printer" on page 175
077-106	Check and clear the paper path.
077-108	**See also:**
077-109	• "Clearing Paper Jams From the Center Output Tray" on page 177
077-304	Close the rear door.
077-900	Check and clear the paper path. **See also:** • "Clearing Paper Jams From the Center Output Tray" on page 177
077-901	Check and clear the paper path. **See also:** • "Clearing Paper Jams From the Rear of the Printer" on page 175

Error-Code	What You Can Do
091-402	The service life of your printer is coming to an end and the printer will soon stop running.
	If you want to keep using the printer, change the `Machine Life` setting to `Continue Print`. However, continuous use of the printer will degrade the print quality.
	See also: • "Machine Life" on page 165
091-441	The printer has exceeded its service life or the settings have been changed to continue using it. The quality of printouts will degrade if the printer continues to be used.
	See also: • "Machine Life" on page 165
092-651 092-661	Turn off the printer, and then on. If this does not solve the problem, contact the Fuji Xerox local representative office or an authorized dealer.
	See also: • "Online Services" on page 239
092-310 092-910	Clean the CTD sensor.
	See also: • "Cleaning the Color Toner Density (CTD) Sensor" on page 218
093-423 093-424 093-425 093-426	Replace the specified toner cartridge soon. **See also:** • "Replacing Toner Cartridges" on page 219
093-919 093-920 093-921 093-922	Re-install the specified toner cartridge, turn off the printer, and then on. **See also:** • "Replacing Toner Cartridges" on page 219
093-930 093-931 093-932 093-933	Remove the specified toner cartridge and install a new one. If you do not replace the toner cartridge, print quality problems may occur. **See also:** • "Replacing Toner Cartridges" on page 219
093-950 093-951 093-952 093-925	Check the specified toner cartridge if there is any malfunction. Re-install the specified toner cartridge. **See also:** • "Replacing Toner Cartridges" on page 219
093-960 093-961 093-962 093-926	Re-install the specified toner cartridge with the supported one. **See also:** • "Replacing Toner Cartridges" on page 219
093-970 093-971 093-972 093-973	Re-install the specified toner cartridge. **See also:** • "Replacing Toner Cartridges" on page 219

Error-Code	What You Can Do
116-314	Turn off the printer, and then on. If this does not solve the problem, contact the Fuji Xerox local representative office or an authorized dealer.
116-315	
116-317	**See also:**
116-324	• "Online Services" on page 239
116-326	
116-343	
116-350	
116-351	
116-352	
116-355	
116-399	
124-333	
191-310	Although the service life of your printer has been over and the printer stopped running, you can still use the printer by pressing the ⤺ (**Back**) button and the ▼ button at the same time. However, continuous use of the printer will degrade the print quality. **See also:** • "Machine Life" on page 165
191-311	The life of your printer has been over and you can no longer use the printer.
193-700	This message indicates the printer is in the Non GenuineToner mode.

Contacting Service

When you call for printer service, be prepared to describe the problem you are experiencing or the error message on the LCD panel.

You need to know the model of your printer and serial number. See the label on the rear door of your printer.

Getting Help

This section includes:

Fuji Xerox provides several automatic diagnostic tools to help you produce and maintain print quality.

■ LCD Panel Messages

The LCD panel provides you with information and troubleshooting help. When an error or warning condition occurs, the LCD panel displays a message informing you of the problem.

See also:

■ SimpleMonitor Alerts (Windows Only)

The SimpleMonitor is a tool that is included on the *Software Pack CD-ROM*. It automatically checks the printer status when you send a print job. If the printer is unable to print your job, the SimpleMonitor automatically displays an alert on your computer screen to let you know that the printer needs attention.

■ Obtaining the Product Information

Obtaining the Latest Print Driver

The latest print driver can be obtained by downloading it from our web site.

The following procedure uses the Windows print driver as an example.

NOTE:

- The communication fee shall be borne by users.

1 In your print driver's **Printing Preferences** dialog box, click the **Advanced** tab and then click **About**.

2 Click **Fuji Xerox Web Site**.

Your web browser launches and our web site is displayed.

3 Follow the instructions on the web site and download an appropriate print driver.

NOTE:

- The URL of the driver download service page is as follows: http://www.fujixeroxprinters.com/
- For the latest information about the print driver features, refer to the Help provided for the print driver.

Updating the Printer's Firmware

Our web site also provides a tool that allows you to update the printer's firmware (software embedded within the printer) from your computer.

The latest firmware and updating tool can be downloaded from the following URL.

Follow the instructions on the web site and download the correct firmware update.

http://www.fujixeroxprinters.com/

NOTE:
• The communication fee shall be borne by users.

Non Genuine Toner Mode

When toner within a toner cartridge is empty, the `Replace XXXX Cartridge` or `Empty XXXX Cartridge` (XXXX: `Yellow`, `Magenta`, `Cyan`, or `Black`) message appears.

When you want to use the printer in the Non Genuine Toner mode, enable the Non Genuine Toner mode and replace the toner cartridge.

IMPORTANT:

- If you use the printer in the Non Genuine Toner mode, the performance of the printer may not be at its optimum. Any problems that may arise from the use of the Non Genuine Toner mode are not covered by our quality guarantee. The continuous use of the Non Genuine Toner mode can also cause the printer to break down, and any repair charges for such break down will be incurred by users.

NOTE:

- To disable the Non Genuine Toner mode, select `Off` for `Non-GenuineToner` on the operator panel or deselect the check box next to **On** on the **Non Genuine Toner** page on the Printer Setting Utility.

■ Using the Operator Panel

NOTE:

- Before starting the operation described below, confirm that `Ready` is displayed on the LCD panel.

1 Press the ▤ (**Menu**) button.

2 Select `Admin Menu` and then press the (OK) button.

3 Select `Maintenance Mode` and then press the (OK) button.

4 Select `Non-GenuineToner` and then press the (OK) button.

5 Select `On` and then press the (OK) button.

6 Press the ▤ (**Menu**) button to exit the Menu mode.

The printer switches to the Non-GenuineToner mode.

■ Using the Printer Setting Utility (Windows Only)

The following procedure uses Windows 7 as an example.

1 Click **Start** → **All Programs** → **Fuji Xerox** → **Fuji Xerox Printer Software for Asia-Pacific** → your printer → **Printer Setting Utility**.

 NOTE:

 - The **Select Printer** window appears in this step when multiple print drivers are installed on your computer. In this case, click the name of the desired printer listed in **Printer Name**.

 The Printer Setting Utility opens.

2 Click the **Printer Maintenance** tab.

3 Select **Non Genuine Toner** from the list at the left side of the page.

 The **Non Genuine Toner** page is displayed.

4 Select the check box next to **On**, and then click the **Apply New Settings** button.

Maintenance

This chapter includes:

Cleaning the Printer

This section describes how to clean the printer in order to maintain it in good condition and print clean printouts all the time.

> **⚠ WARNING:**
>
> • **When cleaning this product, use the designated cleaning materials exclusive to it. Other cleaning materials may result in poor performance of the product. Never use aerosol cleaners to avoid catching fire and explosion.**

> **⚠ CAUTION:**
>
> • **When cleaning this product, always switch off and unplug it. Access to a live machine interior may cause electric shock.**

This section includes:

■ Cleaning Inside the Printer

1 Turn off the printer and disconnect the power cord.

2 Open the toner access cover.
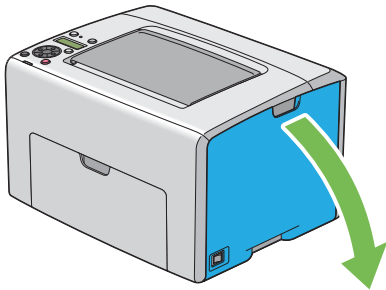
3 Pinch the toner cartridge firmly as shown in the illustration.
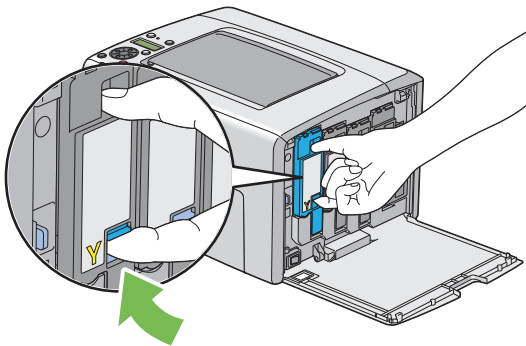
4 Pull the toner cartridge out.

IMPORTANT:
- Always pull the toner cartridge out slowly so you do not spill any toner.
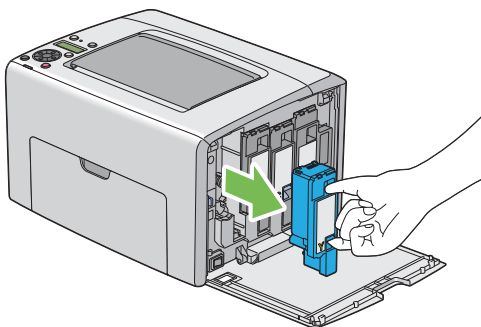
5 Pull the other three toner cartridges out as well.

6 Pull the print head cleaning rod out.
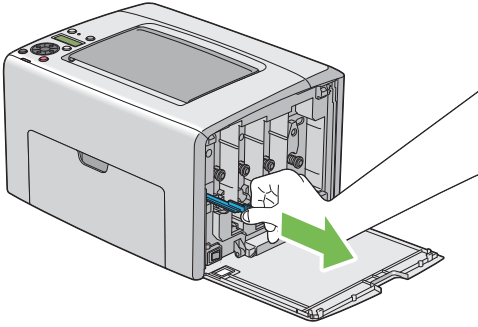
7 Insert the print head cleaning rod fully into the hole beside the arrow on the printer until its tip reaches the interior of the printer as illustrated below, and then pull it out.
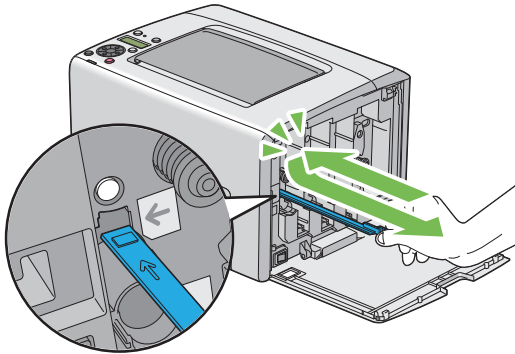
8 Repeat the same procedure for the other three holes.

9 Insert the print head cleaning rod back to its original location.
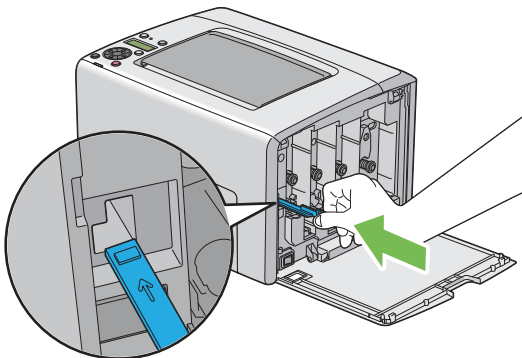
10 Replace the black toner cartridge by adjusting it to the associated cartridge holder, and then insert it firmly by pressing near the center of the label until the toner cartridge clicks.
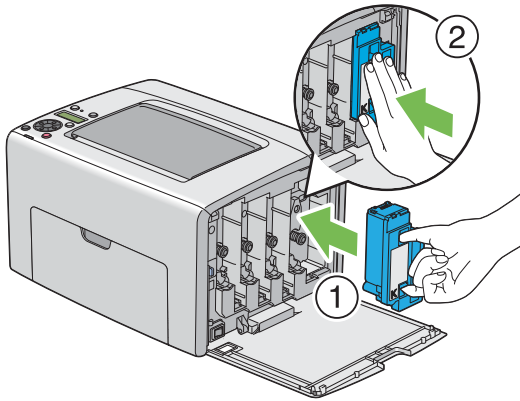
11 Replace the other three toner cartridges as well.

12 Close the toner access cover.
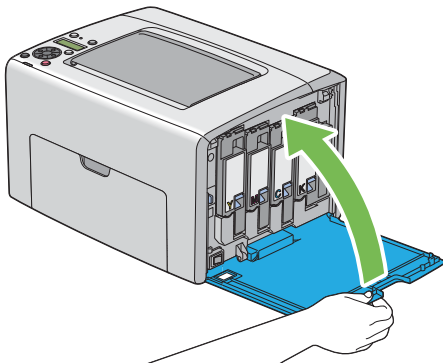
■ Cleaning the Color Toner Density (CTD) Sensor

Clean the CTD sensor only when an alert for the CTD sensor is shown on the **Status Monitor** window or operator panel.

1 Turn off the printer and disconnect the power cord.

2 Push the rear door handle and open the rear door.
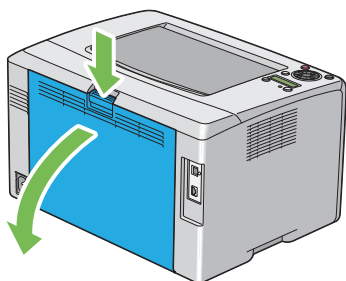
3 Clean the CTD sensor inside the printer with a clean dry cotton swab.
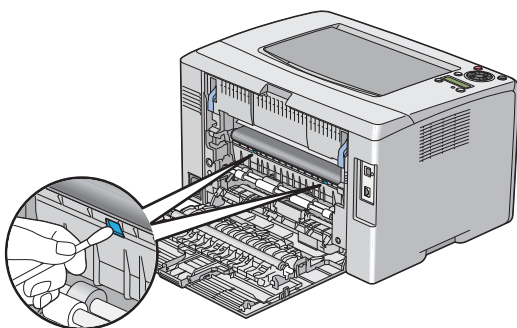
4 Close the rear door.
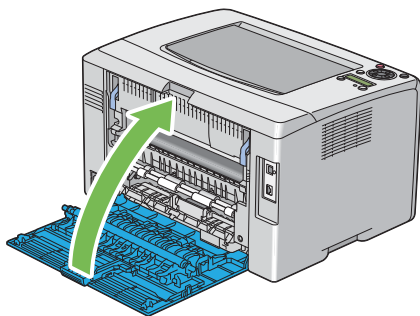
5 Connect the power cord and turn on the printer.

Replacing Toner Cartridges

Fuji Xerox toner cartridges are available only through Fuji Xerox.

It is recommended that you use Fuji Xerox toner cartridges for your printer. Fuji Xerox does not provide warranty coverage for problems caused by using accessories, parts, or components not supplied by Fuji Xerox.

> ⚠ **WARNING:**
>
> - **Never use a vacuum cleaner for spilled toner and residual toner in this product, toner cartridge or toner bottle.**
>   **It may catch fire by electric sparks inside a vacuum cleaner and cause explosion.**
>   **Use a broom or a wet cloth to wipe off the spills. If you spill a large volume of toner, contact your local Fuji Xerox representative.**
> - **Never throw a toner cartridge into an open flame. Remaining toner in the cartridge may catch fire and cause burn injuries or explosion.**
>   **If you have a used toner cartridge no longer needed, contact your local Fuji Xerox representative for its disposal.**

> ⚠ **CAUTION:**
>
> - **Keep drum cartridges (or drum if not a cartridge type) and toner cartridges out of the reach of children. If a child accidentally swallows toner, spit it out, rinse mouth with water, drink water and consult a physician immediately.**
> - **When replacing drum cartridges (or drum if not a cartridge type) and toner cartridges, be careful not to spill the toner. In case of any toner spills, avoid contact with clothes, skin, eyes and mouth as well as inhalation.**
> - **If toner spills onto your skin or clothing, wash it off with soap and water.**
>   **If you get toner particles in the eyes, wash it out with plenty of water for at least 15 minutes until irritation is gone. Consult a physician if necessary.**
>   **If you inhale toner particles, move to a fresh air location and rinse your mouth with water.**
>   **If you swallow toner, spit it out, rinse your mouth with water, drink plenty of water and consult a physician immediately.**

IMPORTANT:

- Do not shake the used toner cartridge to avoid spilling of the toner.
- Be sure to use the starter toner cartridge shipped with the printer until it gets empty, and then replace it with a purchased one.

This section includes:

■ Overview

The printer has toner cartridges of four colors: black (K), yellow (Y), magenta (M), and cyan (C).

When a toner cartridge reaches its usable life-span, the following messages appear on the LCD panel (XXXX: Yellow, Magenta, Cyan, or Black).

Message	Action
XXXX Low Replace Soon[*]	The specified toner cartridge has become low. Prepare a new one.
Replace XXXX Cartridge	The specified toner cartridge has become empty. Replace the old toner cartridge with a new one.
Empty XXXX Cartridge	The specified toner cartridge has become empty. Replace the old toner cartridge with a new one.

[*]: This warning appears only when Fuji Xerox toner cartridges are used (Non-GenuineToner is set to Off.)

IMPORTANT:

- When placing a used toner cartridge on the floor or on a table, place a few sheets of paper under the toner cartridge to catch any toner that may spill.
- Do not reuse old toner cartridges once you remove them from the printer. Doing so can impair print quality.
- Do not shake or pound the used toner cartridges. The remaining toner may spill.
- We recommend you to use up the toner cartridges within one year after removing them from the packaging.

■Removing the Toner Cartridges

1 Turn off the printer.

2 Open the toner access cover.
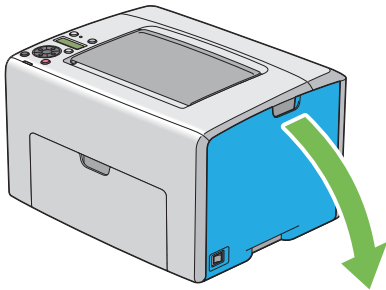
3 Spread a few sheets of paper on the floor or table where the removed toner cartridge is to be placed.

4 Pinch the toner cartridge firmly as shown in the illustration.
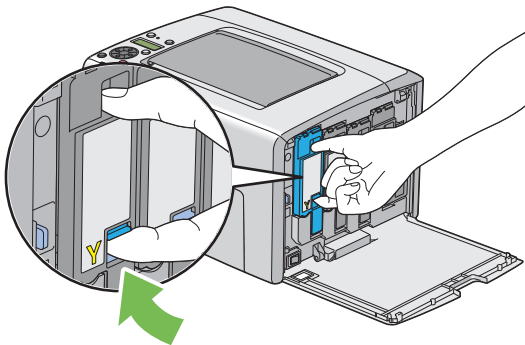
5 Pull the toner cartridge out.

IMPORTANT:
- Always pull the toner cartridge out slowly so you do not spill any toner.
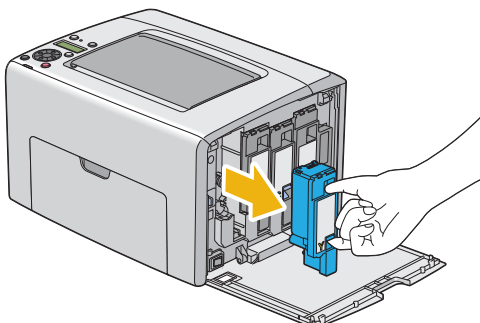
6 Place the toner cartridge slowly on the sheets of paper spread in step **3**.

■ Installing a Toner Cartridge

1 Unpack a new toner cartridge of the desired color and shake it five to six times to distribute the toner evenly.
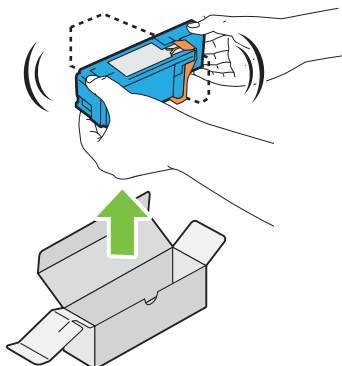
NOTE:
- Confirm that the color of the new toner cartridge matches that on the handle before replacing it.
- Handle the toner cartridge carefully to avoid spilling of the toner.

2 Remove the tape from the toner cartridge.
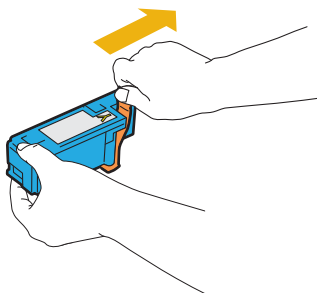
3 Adjust the toner cartridge to the associated cartridge holder, and then insert it firmly by pressing near the center of the label until the toner cartridge clicks.
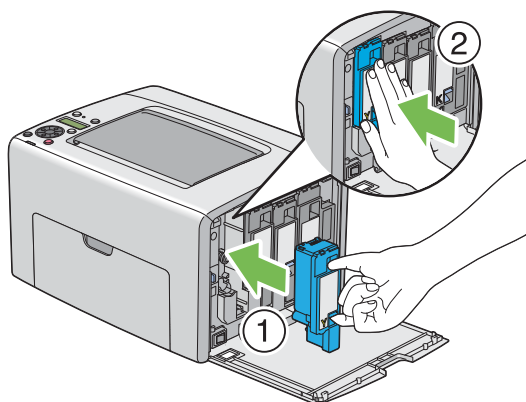
4 Close the toner access cover.
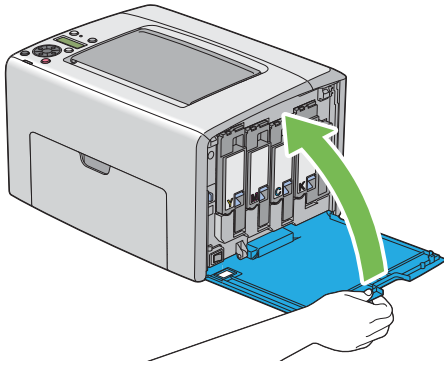
5 Turn on the printer.

6 Pack the removed toner cartridge in the box in which the installed toner cartridge was packed up.

7 Take care not to contact with the spilled toner and remove the sheets of paper spread under the removed toner cartridge.

Ordering Supplies

This section includes:

- "Consumables" on page 224
- "When to Order Toner Cartridges" on page 225
- "Recycling Supplies" on page 225

The toner cartridges need to be ordered occasionally. Each toner cartridge includes installation instructions on the box.

■ Consumables

IMPORTANT:

- Use of consumables not recommended by Fuji Xerox can impair machine quality and performance. Use only consumables recommended by Fuji Xerox.

Product Name	Product Code	Printable number of pages
Toner Cartridge [Black] High capacity	CT201591 CT201595 (for China)	Approx. 2000 pages
Toner Cartridge [Yellow] Standard capacity	CT202133 CT202136 (for China)	Approx. 700 pages
Toner Cartridge [Yellow] High capacity	CT201594 CT201598 (for China)	Approx. 1400 pages
Toner Cartridge [Magenta] Standard capacity	CT202132 CT202135 (for China)	Approx. 700 pages
Toner Cartridge [Magenta] High capacity	CT201593 CT201597 (for China)	Approx. 1400 pages
Toner Cartridge [Cyan] Standard capacity	CT202131 CT202134 (for China)	Approx. 700 pages
Toner Cartridge [Cyan] High capacity	CT201592 CT201596 (for China)	Approx. 1400 pages

- Average standard pages. Declared yield in accordance with JIS X6932 (ISO/IEC 19798). These values are estimates and vary depending on conditions such as the content being printed, paper size, paper type, the machine's operating environment, initializing process done when you turn on or off the printer, and adjustments to maintain print quality.

NOTE:

- The printable number of pages for the starter toner cartridges shipped with the printer are approximately 1000 pages for black toner cartridge and 700 pages for yellow, magenta, and cyan toner cartridges.
- Each toner cartridge includes installation instructions on the box.

■ When to Order Toner Cartridges

The LCD panel displays a warning when the toner cartridge nears its replacement time. Verify that you have replacements on hand. It is important to order a toner cartridge when the messages first appear to avoid interruptions to your printing. The LCD panel displays an error message when the toner cartridge must be replaced.

To order toner cartridges, contact the Fuji Xerox local representative office or an authorized dealer.

IMPORTANT:

- This printer is designed to provide the most stable performance and print quality when used with the recommended toner cartridges. Not using toner cartridges recommended for this machine degrades the performance and printing quality of the printer. You could also incur charges if the machine breaks down. To receive customer support and achieve the optimum performance of the printer, be sure to use recommended toner cartridges.

■ Recycling Supplies

- For environmental protection and efficient use of resources, Fuji Xerox reuses returned toner cartridges and drums (photoreceptors) to make recycle parts, recycle materials or energy recovery.
- Proper disposal is required for toner cartridges no longer needed. Do not open toner cartridges. Return them to your local Fuji Xerox representative.

Storing Consumables

Store consumables in their original packaging until you need to use them. Do not store consumables in:

- Temperatures greater than 40 °C (140 °F).
- An environment with extreme changes in humidity or temperature.
- Direct sunlight.
- Dusty places.
- A car for a long period of time.
- An environment where corrosive gases are present.
- An environment with salty air.

Managing the Printer

This section includes:

- "Checking or Managing the Printer with the CentreWare Internet Services" on page 227
- "Checking Printer Status with the SimpleMonitor (Windows Only)" on page 228
- "Checking Printer Status Through E-mail" on page 228

■ Checking or Managing the Printer with the CentreWare Internet Services

When the printer is installed in a TCP/IP environment, you can check printer status and configure settings using a web browser on a network computer. You can also use the CentreWare Internet Services to check the remaining volume of consumables and the paper loaded in this printer.

NOTE:

- When using the printer as a local printer, you cannot use the CentreWare Internet Services. For details about checking the status of a local printer, refer to "Checking Printer Status with the SimpleMonitor (Windows Only)" on page 228.

Starting the CentreWare Internet Services

Use the following procedure to start the CentreWare Internet Services.

1 Launch your web browser.

2 Enter the IP address of the printer in the address bar.

The CentreWare Internet Services page appears.

• Using Online Help

For details regarding the items that can be set in each CentreWare Internet Services screen, click the **Help** button to display the online Help.

◼ Checking Printer Status with the SimpleMonitor (Windows Only)

The SimpleMonitor is a tool that is installed with your print driver. It automatically checks the printer status when you send a print job. The SimpleMonitor can also check the status of the paper tray and remaining amount of toner cartridges.

Starting the SimpleMonitor

Double-click the SimpleMonitor icon on the taskbar or right-click the icon and select **Select Printer**.

If the SimpleMonitor icon is not displayed on the taskbar, open the SimpleMonitor from the **start** menu.

The following procedure uses Microsoft® Windows® 7 as an example.

1 Click **Start** → **All Programs** → **Fuji Xerox** → **SimpleMonitor for Asia-Pacific** → **Activate SimpleMonitor**.

The **Select Printer** window appears.

2 Click the name of the desired printer from the list.

The **Status Monitor** window appears.

For details about the functions of the SimpleMonitor, refer to the Help.

◼ Checking Printer Status Through E-mail

When connected in a network environment where sending and receiving of e-mail is possible, the printer can send an e-mail report to specified e-mail addresses containing the following information:

- The network settings and the printer status
- The error status which has occurred on the printer

Setting the E-mail Environment

Activate the CentreWare Internet Services. On the **Properties** tab, configure the following settings according to your e-mail environment. After configuring the settings on each screen, always click **Apply** and then turn off/on the printer to reboot. For details about each item, refer to the online Help for the CentreWare Internet Services.

Item	Item to be configured	Description
General Setup > StatusMessenger	Recipient's E-mail Address 1	Set the e-mail address to which notices about changes in printer status or errors are sent.
	Recipient's E-mail Address 2	
	Notification Items	Set the contents of the notices to send in the e-mail.
Port Status	StatusMessenger	Select the **Enabled** check box.
Protocol Settings > E-mail	SMTP Server Settings • Machine's E-mail Address • SMTP Server Address • SMTP Server Port Number Send Authentication • E-Mail Send Authentication • Login Name • Password • Re-enter Password POP3 Server Settings • POP3 Server Address • POP3 Server Port Number • Login Name • Password • Re-enter Password • POP3 Server Check Interval • APOP Settings	Select appropriate settings for sending and receiving e-mail.
	Permitted E-mail Address	When setting the permission for checking information and changing the settings for an e-mail address, input the e-mail address that is permitted to receive the e-mail. If no address is input here, the printer receives e-mail messages from all users.
	StatusMessenger Password	Set the password for access to the printer.

Checking the Printer Status with E-mail

This section describes cautions for sending e-mail to the printer to check the printer status.

- You can specify any title for the e-mail when checking the printer status or changing the printer settings.
- Use the commands described in the next section to create the text of the e-mail.

• Commands That Can Be Used in E-mail Text

Use each command according to the following rules:

- Prefix all commands with "#", and specify the #Password command at the top of the e-mail.
- Command lines without "#" are ignored.
- Write one command on each line and separate each command and parameter with a space or a tab.

When the same command is written two or more times in one e-mail message, the second and subsequent commands are ignored.

Command	Parameter	Description
#Password	Password	Use this command at the top of the e-mail when a password is set. You can omit this command when the password is not set.
#NetworkInfo		Set this when you want to check information on the network settings list.
#Status		Set this when you want to check the printer status.

• Example of Commands

- When the read only password is "ronly", and to check the printer status:

#Password ronly

#Status

#NetworkInfo

Conserving Supplies

You can change a setting in your print driver to conserve paper.

Supply	Setting	Function
Toner cartridge	Windows print driver: **Toner Saver** in the **Image Options** tab Mac OS X print driver: **Draft Mode** on **Feature Sets**: **Detailed Settings 1** in the **Printer Features** pane	This drop-down menu allows the users to select a print mode that uses less toner. When this feature is used, the image quality will be lower than when it is not used.
Print media	Windows print driver: **Pages Per Sheet (N-Up)** in the **Layout/Watermark** tab Mac OS X print driver: **Pages per Sheet** in the **Layout** pane	The printer prints two or more pages on one side of a sheet. The available numbers that each print driver can print one sheet of paper are as follows: • Windows print driver: 2, 4, 8, 16, or 32 pages Combined with the duplex setting, **Pages Per Sheet (N-Up)** allows you to print up to 64 pages on one sheet of paper. (32 images on the front and 32 on the back) • Mac OS X print driver: 2, 4, 6, 9 or 16 pages Combined with the duplex setting, **Pages per Sheet** allows you to print up to 32 pages on one sheet of paper. (16 images on the front and 16 on the back)

Checking Page Counts

The total number of printed pages can be checked at the operator panel. Three meters are available: `Meter 1` (color prints), `Meter 2` (monochrome prints), and `Meter 4`(`Meter 1` + `Meter 2`). `Meter 3` always shows `0` on your printer.

The `Billing Meters` counts the number of pages printed properly. Single side color print (including multiple-up) is counted as one job, and 2-sided print (including multiple-up) is counted as two. During 2-sided printing, if an error occurs after one side is printed properly, it is counted as one.

When printing color data, which has been converted by using ICC profile on an application, with the Color setting, the data is printed by color even if it seems to be black and white data on the monitor. In that case, `Meter 1` and `Meter 4` are increased.

When doing 2-sided printing, a blank page may be inserted automatically depending on the settings of the application. In this case, the blank page is counted as one page. However, when doing 2-sided printing for odd number of pages, the blank page inserted to the rear side of the last odd page is not counted.

See also:
-

Use the following procedure to check a meter:

1 Press the ▤ (**Menu**) button.

2 Select `Billing Meters`, and then press the (OK) button.

3 Check the values for each meter.

Moving the Printer

1 Turn off the printer.
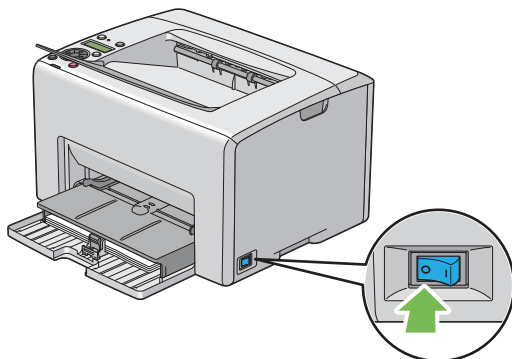
2 Disconnect the power cord and the interface cable.
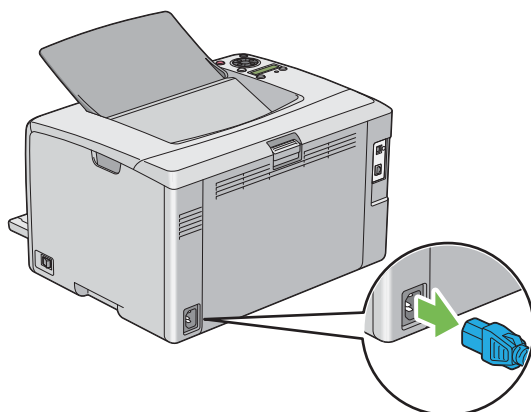
3 Remove any paper in the center output tray if there is. Close the output tray extension if it is opened.
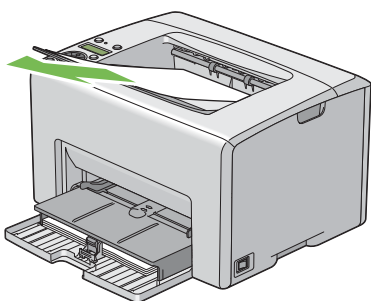
4 Remove any paper in the priority sheet inserter or multipurpose feeder. Keep the paper wrapped and away from humidity and dirt.
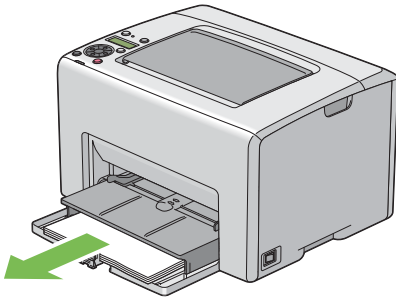
5 Push the priority sheet inserter in.
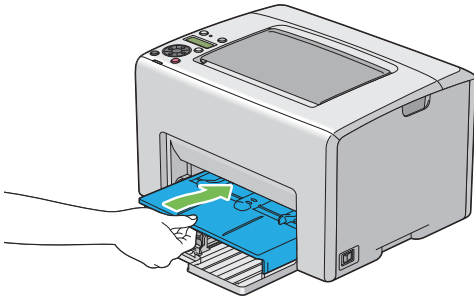
6 Slide the slide bar backward until it stops.
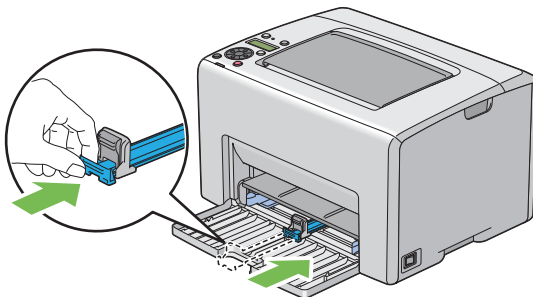
7 Close the front cover.
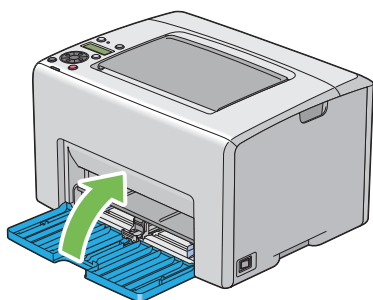
8 Lift the printer and move it gently.
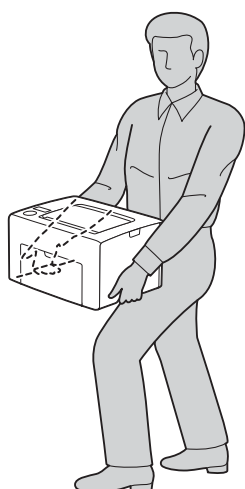
9 Adjust the color registration before using your printer.

See also:

• "Adjusting Color Registration" on page 197

9

Contacting Fuji Xerox

This chapter includes:

Technical Support

Fuji Xerox recommends the Customer first utilize support materials shipped with the product, product diagnostics, information contained on the Web, and email support. If unsuccessful, to obtain service under product warranty the Customer must notify Fuji Xerox Telephone Support or its authorized service representative of the defect before the expiration of the warranty period. Customer will provide appropriate assistance to Telephone Support personnel to resolve issues, such as restoration of the operating system, software program and drivers to their default configuration and settings, verification of functionality of Fuji Xerox supplied products, replacement of customer replaceable units, clearing paper misfeeds and cleaning the unit and other prescribed routine and preventative maintenance.

If the Customer's product contains features that enable Fuji Xerox or its authorized service representative to diagnose and repair problems with the product remotely, Fuji Xerox may request that the Customer allow such remote access to the product.

Online Services

You can find detail Product and Consumable warranty information and activate your warranty by registering your details on our website at http://www.fujixerox.com/support/docuprint/

Fuji Xerox Online Support Assistant provides instructions and troubleshooting guides to resolve your printer problems. It is an easy-to-use, searchable online help. To find out more, please visit our online support at http://www.fujixerox.com/support/docuprint/

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Fuji Xerox Co., Ltd.