

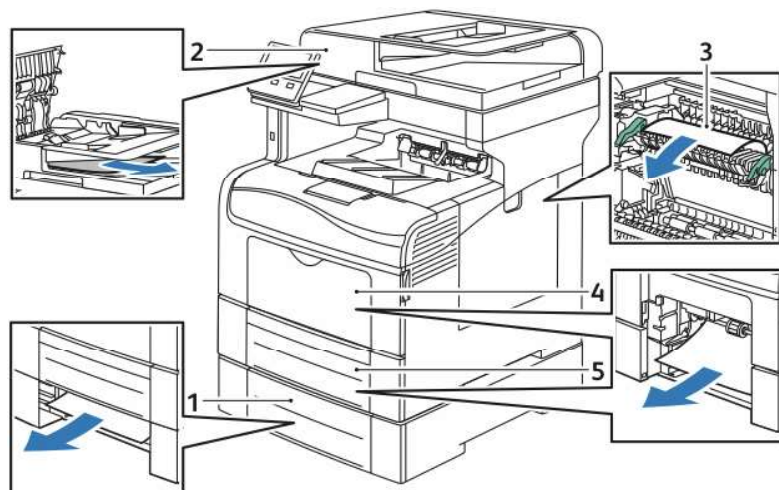
Paper Jams

Locating Paper Jams

WARNING: Never touch a labeled area on or near the heat roller in the fuser. You can get burned. If a sheet of paper is wrapped around the heat roller, do not try to remove it immediately. Power off the printer immediately and wait 40 minutes for the fuser to cool. Try to remove the jam after the printer has cooled. If the error persists, contact your Xerox representative.

Caution: Do not attempt to clear any paper jams using tools or instruments. This can permanently damage the printer.

The following illustration shows where paper jams can occur along the paper path:



- | | |
|---|----------------|
| 1. Tray 2 | 4. Bypass Tray |
| 2. Single-Pass Duplex Automatic Document Feeder/Fuser | 5. Tray 1 |
| 3. Fuser | |

Minimizing Paper Jams

The printer is designed to function with minimal paper jams using Xerox supported paper. Other paper types can cause jams. If supported paper is jamming frequently in one area, clean that area of the paper path.

The following can cause paper jams:

Troubleshooting

- Selecting the incorrect paper type in the print driver.
- Using damaged paper.
- Using unsupported paper.
- Loading paper incorrectly.
- Overfilling the tray.
- Adjusting the paper guides improperly.

Most jams can be prevented by following a simple set of rules:

- Use only supported paper. For details, refer to [Supported Paper](#).
- Follow proper paper handling and loading techniques.
- Always use clean, undamaged paper.
- Avoid paper that is curled, torn, moist, creased, or folded.
- To separate the sheets before loading into the tray, fan the paper.
- Observe the paper tray fill line; never overfill the tray.
- Adjust the paper guides in all trays after inserting the paper. A guide that is not properly adjusted can cause poor print quality, misfeeds, skewed prints, and printer damage.
- After loading the tray, at the control panel, select the correct paper type and size.
- When printing, select the correct type and size in the print driver.
- Store paper in a dry location.

Avoid the following:

- Polyester coated paper that is designed especially for inkjet printers.
- Paper that is folded, wrinkled, or excessively curled.
- Loading more than one type, size, or weight of paper in a tray at the same time.
- Overfilling the tray.
- Allowing the output tray to overfill.

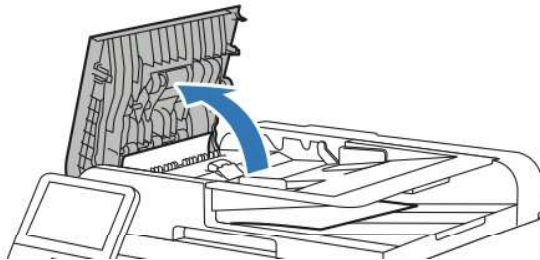
For a detailed list of supported paper, go to www.xerox.com/rmlna.

Clearing Paper Jams

Clearing Document Feeder Jams

To resolve the error that appears on the control panel, clear all paper from the Single-Pass Duplex Automatic Document Feeder areas.

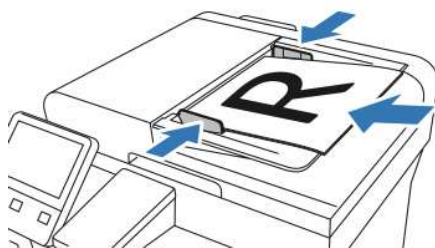
1. Open the Top Cover, then remove any paper.



2. If paper is jammed in the Single-Pass Duplex Automatic Document Feeder, open the Document Cover, then remove any jammed paper.



3. Close the Document Cover, then reload the document in the Single-Pass Duplex Automatic Document Feeder.



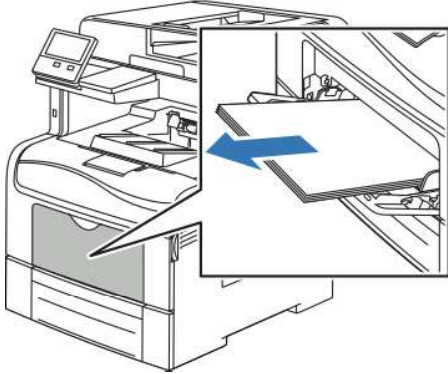
To prevent paper jams:

- Do not load original documents above the MAX fill line.
- Adjust the paper guides so that they fit against the paper.
- Use supported paper only. For details, refer to [Document Feeder Guidelines](#).

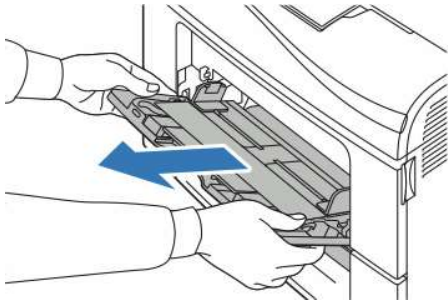
Clearing Paper Jams from the Bypass Tray

To resolve the error that appears on the control panel, clear all paper from the paper path.

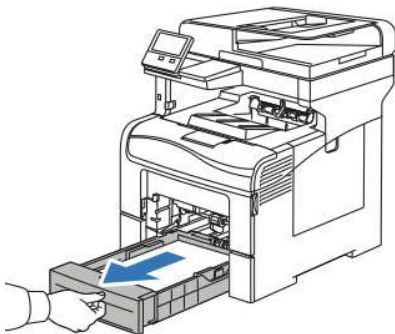
1. Remove any paper from the Bypass Tray.



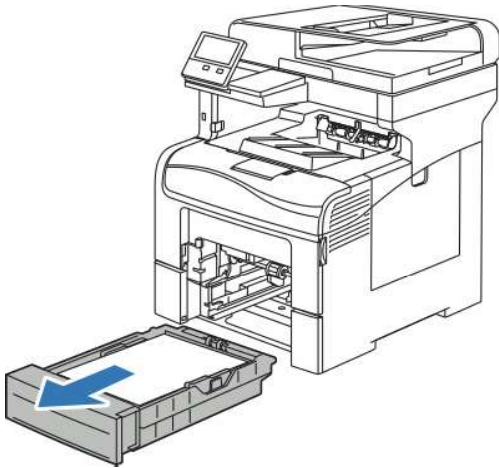
2. Grasp both sides of the Bypass Tray, then pull it straight out of the printer.



3. Pull out Tray 1 until it stops.



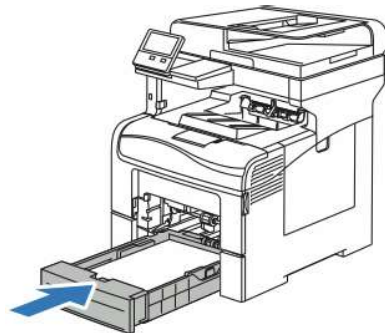
4. To remove the tray, lift the front of it slightly, then pull it out of the printer.



5. Remove the jammed paper.



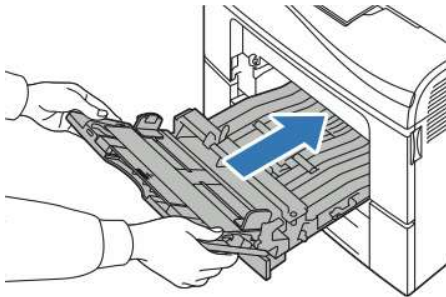
6. Insert Tray 1 into the printer, then push it in all the way.



Note: If the tray is extended for legal-size paper, the tray protrudes when it is inserted into the printer.

Troubleshooting

7. Insert the Bypass Tray completely into the printer.

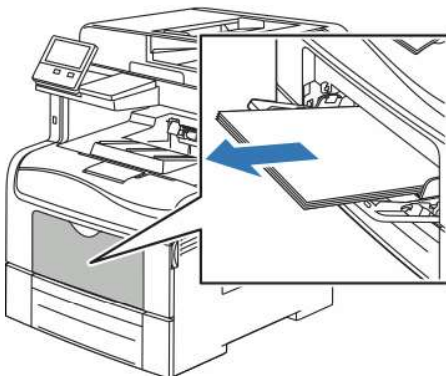


8. When paper trays are set to Fully Adjustable, you are prompted to verify or change the paper settings.
 - To confirm the same paper size, type, or color, touch **OK**.
 - To select a new paper size, type or color, touch the current setting, then select a new setting. When finished, touch **OK**.
9. To return to the Home screen, press the **Home** button.

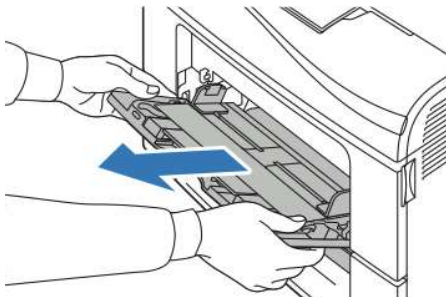
Clearing Paper Jams from the Tray 1 Area

To resolve the error that appears on the control panel, clear all paper from the paper path.

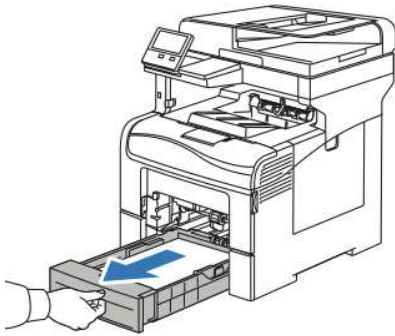
1. Remove any paper from the Bypass Tray.



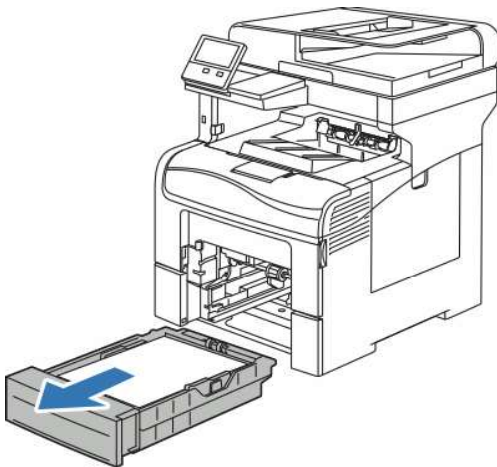
2. Grasp both sides of the Bypass Tray, then pull it straight out of the printer.



3. Pull out Tray 1 until it stops.



4. To remove the tray, lift the front of it slightly, then pull it out of the printer.

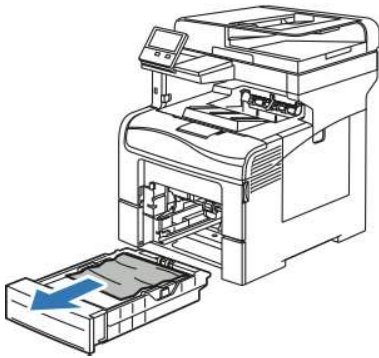


5. Remove the jammed paper.

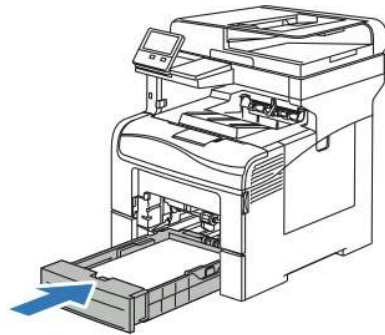


Troubleshooting

6. Remove any crumpled paper from the tray and any remaining paper jammed in the printer.

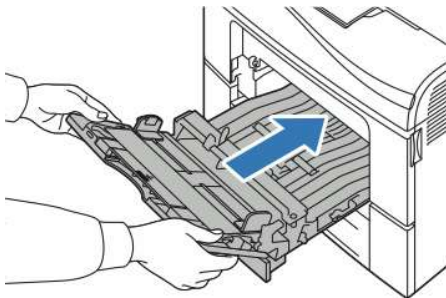


7. Insert Tray 1 into the printer, then push it in all the way.



Note: If the tray is extended for legal-size paper, the tray protrudes when it is inserted into the printer.

8. Insert the Bypass Tray completely into the printer.

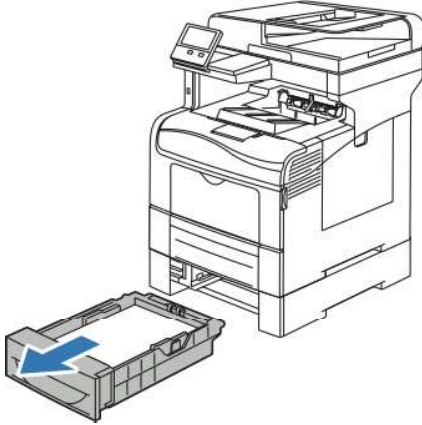


9. When paper trays are set to Fully Adjustable, you are prompted to verify or change the paper settings.
 - To confirm the same paper size, type, or color, touch **OK**.
 - To select a new paper size, type or color, touch the current setting, then select a new setting. When finished, touch **OK**.
10. To return to the Home screen, press the **Home** button.

Clearing Paper Jams from the Tray 2 Area

To resolve the error that appears on the control panel, clear all paper from the paper path.

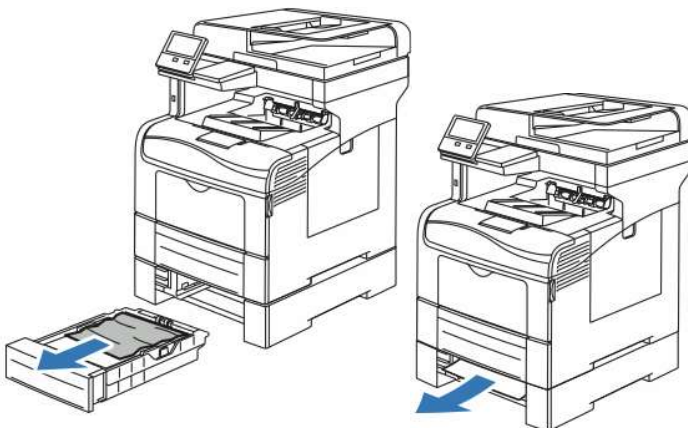
1. Pull out Tray 2 until it stops.



2. To remove the tray, lift the front of it slightly, then pull it out of the printer.



3. Remove any crumpled paper from the tray and any remaining paper jammed at the front of the printer.

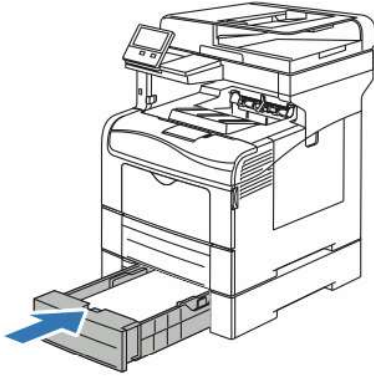


Troubleshooting

4. Insert Tray 2 into the printer, then push it in all the way.



Note: If the tray is extended for legal-size paper, the tray protrudes when it is inserted into the printer.

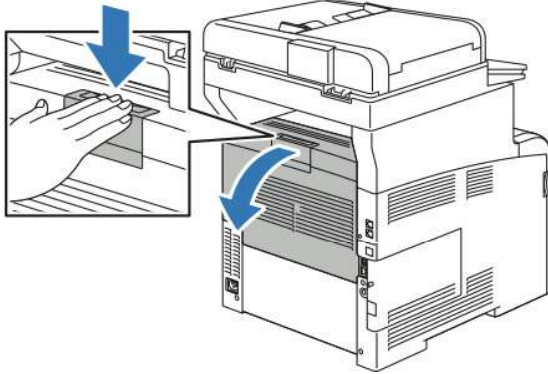


5. When paper trays are set to Fully Adjustable, you are prompted to verify or change the paper settings.
 - To confirm the same paper size, type, or color, touch **OK**.
 - To select a new paper size, type, or color, touch the current setting, select a new setting then touch **OK**.
6. To return to the Home screen, press the **Home** button.

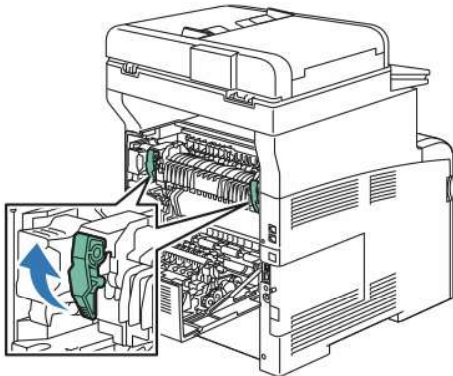
Clearing Paper Jams from the Fuser Area

To resolve the error that appears on the control panel, clear all paper from the paper path.

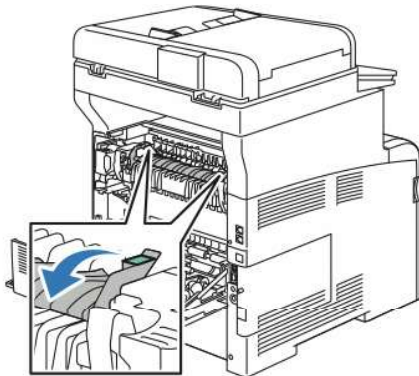
1. Push down on the rear door release and pull open the door.



2. If paper is jammed in the Fuser, raise both green levers to open the Fuser.

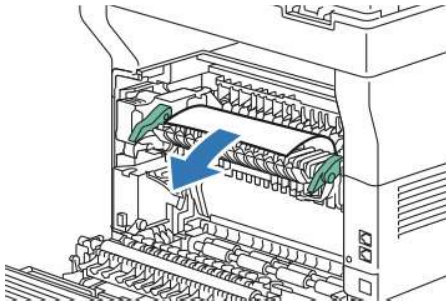


3. To open the paper guide, raise the green handle.

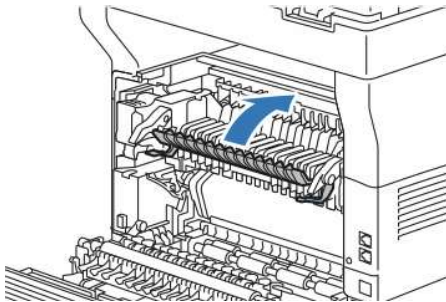


Troubleshooting

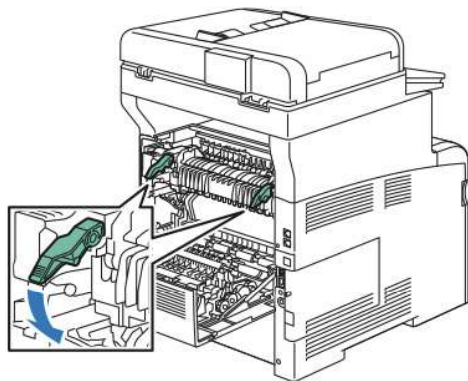
4. Remove any jammed paper from the back of the printer.



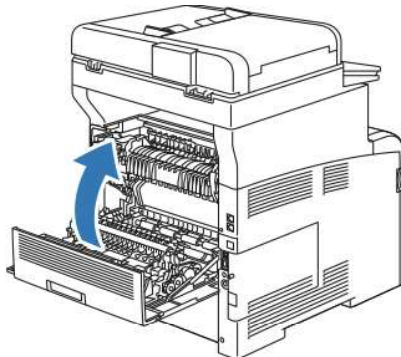
5. Close the paper guide on the Fuser.



6. Lower the green levers to their original position.



7. Close the rear door.



Troubleshooting Paper Jams

Multiple Sheets Pulled Together

Probable Causes	Solutions
The paper tray is too full.	Remove some of the paper. Do not load paper above the maximum fill line.
The edges of the paper are not even.	Remove the paper, align the edges, and then reload the paper.
The paper is moist from humidity.	Remove the paper from the paper tray. Load new, dry paper into the tray.
Too much static electricity is present.	Load a new ream of paper.
Using unsupported paper.	Use only Xerox®-approved paper. For details, refer to Supported Paper .
Humidity is too high for coated paper.	<ul style="list-style-type: none"> • Feed paper one sheet at a time. • Try loading paper in the Bypass tray.
The feed rollers are dirty.	With a clean, lint-free cloth moistened with water, wipe the feed rollers until they are clean. For details, refer to Cleaning the Printer .
Tray is loaded with mixed paper.	Load the tray with only one type and size of paper.


Paper Misfeeds

Probable Causes	Solutions
The paper is not correctly positioned in the tray.	<ul style="list-style-type: none"> • Remove the misfed paper and reposition it properly in the tray. • Adjust the paper guides in the tray to match the size of the paper.
The paper tray is too full.	Remove some of the paper. Do not load paper past the fill line.
The paper guides are not correctly adjusted to the paper size.	Adjust the paper guides in the tray to match the size of the paper.
The tray contains warped or wrinkled paper.	Remove the paper, smooth it out, and reload it. If it still misfeeds, do not use that paper.
The paper is moist from humidity.	Remove the moist paper and replace it with new, dry paper.


Troubleshooting

Probable Causes	Solutions
Using paper of the wrong size, thickness, or type.	Use only Xerox approved paper. For more information, refer to Supported Paper .
The feed rollers are dirty.	With a clean, lint-free cloth moistened with water, wipe the feed rollers until they are clean. For more information, refer to Cleaning the Printer .

Label and Envelope Misfeeds

Probable Causes	Solutions
The label sheet is facing the wrong way in the tray.	<ul style="list-style-type: none">Load label sheets according to the instructions from the manufacturer.Load labels in the tray, face up.For more information, refer to Labels.
Labels are missing, curled, or pulled away from the backing sheet.	Do not use any sheet where labels are missing, curled, or pulled away from the backing sheet.
Envelopes are loaded incorrectly.	You can print envelopes from the Bypass Tray or Tray 1. For more information, refer to Envelopes .
Envelopes are wrinkling.	<ul style="list-style-type: none">The heat and pressure of the laser printing process can cause wrinkling.Use supported envelopes. For more information, refer to Guidelines for Printing Envelopes.  Note: When you load envelopes long-edge feed, ensure that you specify landscape orientation in the print driver.

Paper Jam Message Stays On

 **Note:** Check for, and remove, torn pieces of paper in the paper path.

Probable Causes	Solutions
Some paper remains jammed in the printer.	Recheck the paper path and make sure that you have removed all of the jammed paper.
One of the printer doors is open.	Check the doors on the printer. Close any door that is open.

Jams During Automatic 2-Sided Printing

Probable Causes	Solutions
Using paper of the wrong size, thickness, or type.	Use paper of the correct size, thickness, or type. For more information, refer to Supported Paper Types and Weights for Automatic 2-Sided Printing .
Paper is loaded in the wrong tray.	Ensure that paper is loaded into the correct tray. For more information, refer to Supported Paper .
Tray is loaded with mixed paper.	Load the tray with only one type and size of paper.

Print-Quality Problems

Your printer is designed to produce consistently high-quality prints. If you observe print-quality problems, use the information in this section to troubleshoot the problem. For more information, go to www.xerox.com/office/VLC405support.



Caution: The Xerox Warranty, Service Agreement, or Xerox Total Satisfaction Guarantee does not cover damage caused by using unsupported paper or specialty media. The Xerox Total Satisfaction Guarantee is available in the United States and Canada. Coverage could vary outside these areas. Contact your local Xerox representative for details.



Note:

- To ensure consistent print quality, the toner, print, and drum cartridges for many devices are designed to cease functioning at a predetermined point.
- Grayscale images printed with the composite black setting increment the color pages counter, because color consumables are used. Composite black is the default setting on most printers.

Controlling Print Quality

Various factors can affect the quality of the output of your printer. For consistent and optimum print quality, use paper designed for your printer, and correctly set the Print-Quality Mode and Color Adjustments. Follow the guidelines in this section to maintain optimum print quality from your printer.

Temperature and humidity affect the quality of the printed output. The range for optimal print quality is 15–28°C (59–82°F) and 20–70 % relative humidity. However, print quality can be affected when operating near the limits for both temperature and humidity.

Paper and Media

Your printer is designed to use various paper and other media types. Follow the guidelines in this section for the best print quality and to avoid jams:

- Use only Xerox-approved paper. For more information, refer to [Supported Paper](#).
- Use only dry, undamaged paper.



Caution: Some paper and other media types can cause poor output quality, increased paper jams, or damage your printer. Do not use the following:

- Rough or porous paper
 - Inkjet paper
 - Non-laser glossy or coated paper
 - Paper that is photocopied
 - Paper that is folded or wrinkled
 - Paper with cutouts or perforations
 - Stapled paper
 - Envelopes with windows, metal clasps, side seams, or adhesives with release strips
 - Padded envelopes
 - Plastic media
 - Transparencies
- Ensure that the paper type selected in your print driver matches the paper type on which you are printing.
 - If you have the same size paper loaded in more than one tray, ensure that the proper tray is selected in the print driver.
 - Store your paper and other media properly for optimum print quality. For more information, refer to [Paper Storage Guidelines](#).

Solving Print-Quality Problems

When the print quality is poor, select the closest symptom from the following table and refer to the corresponding solution to correct the problem. You can also print a Demonstration Print page to more precisely determine the print-quality problem. For details, refer to [Information Pages](#).


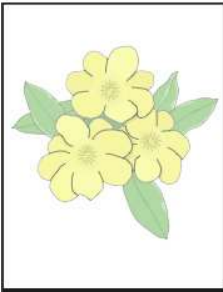
If the print quality does not improve after performing the appropriate action, contact your Xerox representative.

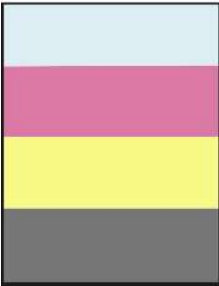
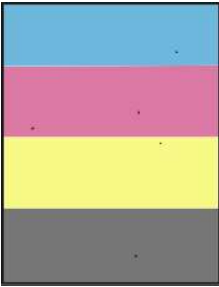



Note:

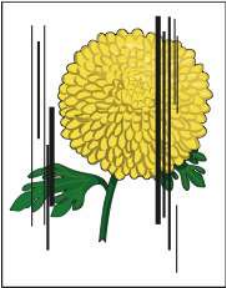
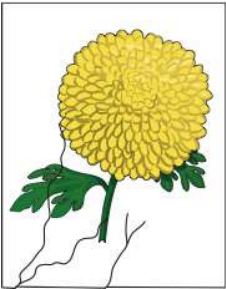
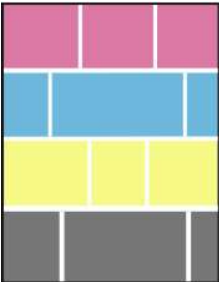
- To maintain print quality, the toner or drum cartridges for many models of equipment are designed to stop functioning at a predetermined point.
- Grayscale images printed with the composite black setting increment the color-pages counter, because color consumables are used. Composite black is the default setting on most printers.

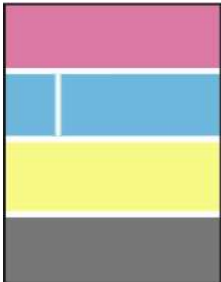
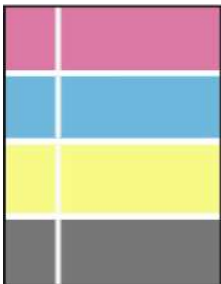

Troubleshooting

Symptom	Probable Causes	Solutions
<p>Page Margins Are Inconsistent.</p> <p>The image is not centered on the page or the margins are not consistent.</p> 	<p>A paper registration adjustment is needed.</p>	<p>Use the paper registration procedure to adjust the image position on the page. For details, refer to Adjusting Paper Registration.</p>
<p>Faded printouts with multiple colors faded.</p> 	<p>The toner cartridges are not Xerox® toner cartridges.</p>	<p>Verify that the toner cartridges meet specifications, and replace them if necessary.</p>
	<p>The paper being used is outside the recommended specification range.</p>	<p>Replace the paper with a recommended size and type, and confirm that your control panel and print driver settings are correct. For details, refer to Supported Paper.</p>
	<p>The paper type is heavier or thicker than the paper type selection.</p>	<p>Ensure that the proper paper is loaded in the paper tray.</p> <p>Choose a heavier paper type at the control panel and in the print driver.</p> <p>Use a lighter paper or paper type.</p>
	<p>The bias transfer voltage is not properly adjusted for the paper type.</p>	<p>Verify that the paper types set in the control panel and the print driver match the paper loaded in the tray.</p>
	<p>The settings in the application or print driver are incorrect.</p>	<p>Print the Demonstration Print from the Information Pages menu. For details, refer to Information Pages. If the Demo Print looks correct, the printer is printing properly. Verify that the application and the print driver selections are correct for your print job.</p>
	<p>The paper is damp.</p>	<p>Replace the paper.</p>

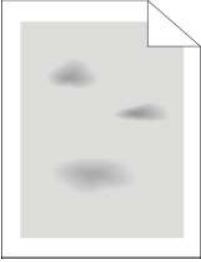
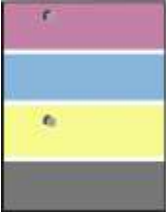
Symptom	Probable Causes	Solutions
	The high-voltage supply is defective.	For assistance, go to the Xerox® Support website at www.xerox.com/office/VLC405support .
<p>Only one color is faded.</p> 	Toner cartridge is empty or damaged.	Check the condition of the toner cartridge and replace it if necessary.
Color around the edge of printing is incorrect.	The color registration is incorrect.	Adjust the color registration. For details, see details, refer to Color Registration .
<p>Stray black dots or white areas (dropouts).</p> 	The paper is outside the recommended specification range.	Replace the paper with a recommended size and type, and confirm that your control panel and print driver settings are correct. For details, refer to Supported Paper .
	There is debris on the rollers.	Wipe the feed rollers with a clean damp cloth to remove debris from the rollers.  Note: Do not touch the transfer roller or the exposed end of the transfer belt. Fingerprints can cause print-quality issues.
	The toner cartridges are not Xerox® toner cartridges.	Ensure that the toner cartridges meet specifications and replace them if necessary. For details, refer to Consumables .
<ul style="list-style-type: none"> Vertical black or color streaks or multiple colored streaks or lines. Streaks in only one color. 	The toner cartridges are not Xerox® toner cartridges.	Ensure that the toner cartridges meet specifications and replace them if necessary. For details, refer to Consumables .
	Debris in the printer is dragging against the toner before it is fused.	Remove any debris or paper scraps from the paper path under the rear cover.

Troubleshooting

Symptom	Probable Causes	Solutions
	There is a problem with the toner cartridge for that color.	Check the toner cartridge for damage and replace if necessary. For assistance, go to the Xerox® Support website at www.xerox.com/office/VLC405support .
<p>Partial blanks, creased paper, or blotted printing.</p> 	The paper is damp.	Replace the paper.
	The paper is outside the recommended specification range.	Replace the paper with a recommended size and type. For details, refer to Supported Paper .
	The printer is worn or damaged.	For assistance, go to the Xerox® Support website at www.xerox.com/office/VLC405support .
	The toner cartridges are not Xerox® toner cartridges.	Verify that the toner cartridges meet specifications and replace if necessary. For details, refer to Consumables .
	The paper is impeded in the paper path.	<ul style="list-style-type: none"> Remove any paper or debris from the paper path. Ensure that the trays are pushed in all the way. Ensure that the rear cover is closed and locked.
	Condensation inside the printer causes partial blanks or creased paper.	Power on the printer and leave it on for at least one hour to get rid of the condensation. For assistance, go to the Xerox® Support website at www.xerox.com/office/VLC405support .
<p>Vertical blanks appear.</p> 	The laser lenses are blocked.	Clean the laser lenses. For details, refer to Cleaning the Laser Lenses .
	The printer is worn or damaged.	For assistance, go to the Xerox® Support website at www.xerox.com/office/VLC405support .
	The toner cartridges are not Xerox® toner cartridges.	Ensure that the toner cartridges meet specifications and replace if necessary.

Symptom	Probable Causes	Solutions
<p>White lines or streaks running through only one color.</p> 	<p>Something is blocking the lens for the affected color.</p>	<p>Clean the lens for the affected color. For details, refer to Cleaning the Laser Lenses.</p>
<p>White line or lines running through all colors.</p> 	<p>Paper or debris is dragging the bottom of the transfer belt.</p>	<p>Remove the paper or debris from the printer.</p> <p>For assistance, go to the Xerox® Support website at www.xerox.com/office/VLC405support.</p>
<p>Slanted printing.</p> 	<p>The paper guides in the trays are not set correctly.</p>	<p>Reset the paper tray guides. For details, refer to Loading Paper.</p>

Troubleshooting

Symptom	Probable Causes	Solutions
Blotchy or mottled images. 	The paper is too light or too thin.	Choose a different paper type at the control panel, in the application, and in the print driver.
	The paper is damp.	Replace the paper.
	The humidity is too high.	Reduce the humidity in the room or move the printer to a new location.
Spots or lines appear at regular intervals on the prints. 	One or more of the components in the paper path is marking the paper.	<ol style="list-style-type: none"> 1 Print the Repeating Defects pages. At the control panel, touch Device > Support > Support Pages > Repeating Defects. 2 To determine the cause, measure the distance between the print defects. <ul style="list-style-type: none"> • 28 mm (1.1 in.) - Drum Cartridge • 53 mm (2.1 in.) - Drum Cartridge • 75 mm (3.0 in.) - Drum Cartridge • 82 mm (3.2 in.) - Fuser • 95 mm (3.7 in.) - Fuser • 25 mm (1.0 in.) - Transfer Belt • 48 mm (1.9 in.) - Transfer Belt • 57 mm (2.2 in.) - Transfer Belt • 57 mm (2.2 in.) - Transfer Roller 3 If the repeating defects match one of these distances, replace that item. 4 If the distance matches the Transfer Belt or Transfer Roller, call for service.

Copy and Scan Problems

If the copy or scan quality is poor, refer to the following table.

Symptoms	Solutions
Lines or streaks only present in copies made from the document feeder.	There is debris on the CVT glass or the second-side scanning lens assembly. When scanning, the paper from the document feeder passes over the debris on the glass surfaces, resulting in lines and streaks. Clean all glass surfaces with a lint-free cloth. For more information, refer to Cleaning the Scanner .
Spots present in copies made from the document glass.	There is debris on the document glass. When scanning, the debris creates a spot on the image. Clean all glass surfaces with a lint-free cloth.
Image is too light or too dark.	Adjust the lighten/darken setting.
Colors are inaccurate.	Adjust color settings and confirm that the correct Original Type is set. Perform the Scan Color Consistency procedure. For more information, refer to Color Registration .

If the problem persists, for online support information, go to www.xerox.com/office/VLC405support.

Fax Problems



Note: If the printer cannot send and receive faxes, make sure that you are connected to an approved analog telephone line. The fax cannot send or receive when connected to a digital phone line.

If you cannot send or receive faxes correctly, refer to the following tables.

Problems Sending Faxes

Symptoms	Causes	Solutions
The document is not scanned using the document feeder.	The document is too thick, too thin, or too small.	Use the document glass to send the fax.
The document is scanned at an angle.	The document feeder guides are not adjusted to the width of the document.	Adjust the document feeder guides to fit the width of the document.
The fax received by the recipient is blurry.	The document is positioned incorrectly.	Position the document correctly.
	The document glass is dirty.	Clean the document glass.
	The text in the document is too light.	Adjust the resolution.
	There is a problem with the telephone connection.	Verify that the telephone line is working, then send the fax again.
	There is a problem with the fax machine of the caller.	Make a copy to verify that your printer is operating correctly. If the copy was printed correctly, have the recipient verify the condition of the receiving fax machine.
The fax received by the recipient is blank.	The document was loaded incorrectly.	<ul style="list-style-type: none"> Document feeder: Place the original document face up. Document glass: Place the original document face down.
Fax was not transmitted.	The fax number is wrong.	Verify the fax number.
	The telephone line is connected incorrectly.	Verify the telephone connection. If it is disconnected, connect it.
	There is a problem with the fax machine of the recipient.	Contact the recipient.

Symptoms	Causes	Solutions
	The fax is not installed or is not enabled.	Verify that the fax is installed and enabled.

If the problem persists, for online support information, go to www.xerox.com/office/VLC405support.

Problems Receiving Faxes

Symptoms	Causes	Solutions
The received fax is blank.	There is a problem with the telephone connection or with the fax machine of the sender.	Verify that the printer can make copies. Request that the sender resent the fax.
	The sender loaded the pages incorrectly.	Contact the sender.
The printer answers the call, but does not accept incoming data.	Not enough memory.	If the job contains several graphics, the printer could not have enough memory. The printer does not answer when memory is low. Delete stored documents and jobs then wait for the existing job to complete. This increases available memory.
The received fax size is reduced.	The paper supply in the printer does not match the document size sent.	Confirm the original size of the documents. Documents could be reduced based on the available paper supply in the printer.
Faxes cannot be received automatically.	The printer is set to receive faxes manually.	Set the printer to automatic reception.
	The memory is full.	Load paper if it is empty, and then print the faxes stored in the memory.
	The telephone line is connected incorrectly.	Verify the telephone line connection. If it is disconnected, connect it.
	There is a problem with the fax machine of the sender.	Make a copy to verify that your printer is operating correctly. If the copy prints correctly, have the recipient verify that the receiving fax machine is operating correctly.

If the problem persists, for online support information, go to www.xerox.com/office/VLC405support.

Getting Help

Your printer includes utilities and resources to help you troubleshoot printing problems.

Viewing Warning Messages on the Control Panel

When a warning condition occurs, the printer alerts you of the problem. A message appears on the control panel and the LED status light on the control panel flashes amber or red. Warning alerts inform you about printer conditions, such as low supplies or open doors, that require your attention. If more than one warning condition occurs, only one warning message appears on the control panel at a time.

Viewing Current Errors on the Control Panel

When an error condition occurs, a message appears on the control panel to inform you of the problem. Error messages warn you about printer conditions that prevent the printer from printing or degrade printing performance. If more than one error occurs, only one is displayed on the control panel.

Using the Integrated Troubleshooting Tools

Your printer has a set of reports that you can print. These reports include the Demonstration Print page and the Error History report that can assist you in troubleshooting certain problems. The Demonstration Print page prints an image to show print quality. You can use this page to troubleshoot print-quality issues with the printer. The Error History report prints information on the most recent printer errors.

For more information, refer to [Printing Information Pages](#).

Printing the Error History Report

1. At the printer control panel, press the **Home** button.
2. To print the Error History Report, touch **Device**→**Support**→**Support Pages**→**Error History Report**.
3. To return to the Home screen, press the **Home** button.

Online Support Assistant

The Online Support Assistant is a knowledge base that provides instructions and troubleshooting help to solve your printer problems. You can find solutions for print-quality problems, paper jams, software installation issues, and more.

To access the Online Support Assistant, go to www.xerox.com/office/VLC405support.

Information Pages

Your printer has a set of information pages that you can print. These pages include configuration and font information, demonstration pages, and more. For details, refer to [Information Pages](#).

More Information about Your Printer

To obtain more information about your printer, refer to [More Information](#).

A

Specifications

This appendix contains:

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•	Environmental Specifications.....	228
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•	Performance Specifications.....	230

Printer Configurations and Options

Available Configurations

The printer is available in two configurations:

- Network printer with copy, scan, and fax functions, and USB or network connectivity.
- Network printer with copy, automatic 2-sided printing, scan, and fax functions, and USB or network connectivity.

Standard Features

Print Speed	Standard and Enhanced modes up to 36 ppm (letter)/35 ppm (A4)
2-Sided Print Speed	Standard and Enhanced modes up to 24 images per minute
Print Resolution	<ul style="list-style-type: none"> • Standard mode: 600 x 600 x 1 bit dpi • Enhanced mode: 600 x 600 x 8 bit dpi
Paper Capacity <ul style="list-style-type: none"> • Bypass Tray • Tray 1 • Optional 550-Sheet Feeder • Output Tray 	<ul style="list-style-type: none"> • 150 sheets • 550 sheets • 550 sheets • 250 sheets
Maximum print size	Legal (216 x 356 mm, 8.5 x 14 in.)
2-Sided Printing	Up to 163 g/m ² from any tray
Copy Speed <ul style="list-style-type: none"> • 1-sided copy • 2-sided copy 	<ul style="list-style-type: none"> • 36 copies per minute for color, 36 for black and white • 24 copies per minute for color, 24 for black and white
Copy Resolution	600 x 600 dpi
Max Copy Size	Legal (216x356mm, 8.5x14 in.)
Document Feeder	Single-Pass Duplex Automatic Document Feeder
Document Feeder Capacity	50 sheets
Scan Resolution	<ul style="list-style-type: none"> • 600 x 600 dpi • Up to 1200 dpi interpolated • Up to 600 dpi

<ul style="list-style-type: none"> • Optical • TWAIN • WIA 	
Max Scan Size <ul style="list-style-type: none"> • Document Glass • Single-Pass Duplex Automatic Document Feeder 	<ul style="list-style-type: none"> • 215.9 x 297 mm (8.5 x 11.7 in.) • 215.9 x 355.6mm (8.5 x 14in.)
File Formats	<ul style="list-style-type: none"> • JPEG • TIFF • PDF • PDF/A • XPS
Supported Scanning	<ul style="list-style-type: none"> • Scan to Home • Scan to Network (FTP or SMB) • Scan to Email • Scan to USB Flash Drive • Scan to Desktop (WSD)
Email Address Book	<ul style="list-style-type: none"> • Up to 100 email addresses • Up to 10 email groups • Up to 10 addresses per email group
Control Panel	5-inch LCD touch screen with home and power/wake buttons
Connectivity	<ul style="list-style-type: none"> • 2 x USB 2.0 (Type A) • USB 3.0 (Type B) • Ethernet 10BASE-T/100BASE-TX/1000BASE-T • Wireless network connectivity with an IEEE802.11 n/ g/b-compliant Wireless Network Adapter (optional) • Near Field Communication (NFC) • AirPrint™ • Mopria™
Remote Access	Embedded Web Server

Options and Upgrades

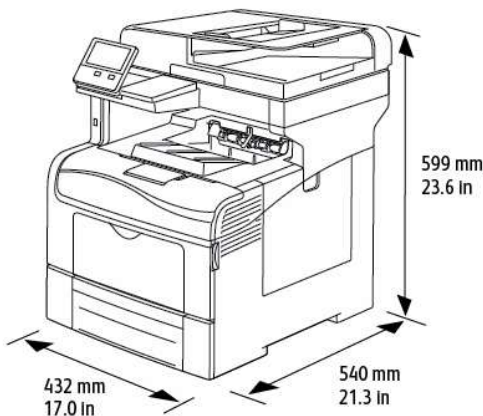
- Wireless network adapter
- 320-GB Hard Drive
- 550-Sheet Feeder
- Stand
- External Card Reader / RFID Kit
- Foreign Device Interface Kit
- Xerox® Common Access Card Enablement Kit

Physical Specifications

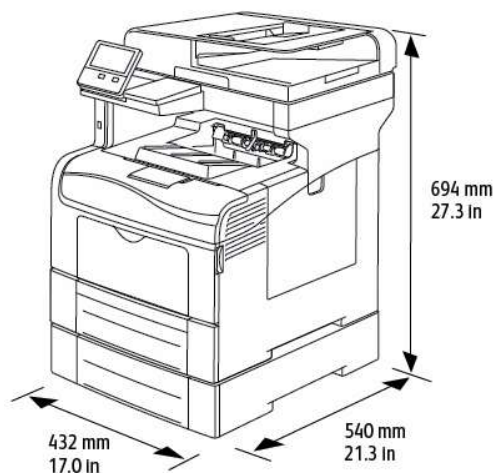
Weights and Dimensions

	Standard Configuration	Configuration with Optional 550-Sheet Feeder
Width	432 mm (17 in.)	432 mm (17 in.)
Depth	540 mm (21.3 in.)	540 mm (21.3 in.)
Height	599 mm (23.6 in.)	737 mm (29 in.)
Weight	32.7 kg (72 lbs.)	35.25 kg (77.7 lbs.)

Standard Configuration



Configuration with Optional 550-Sheet Feeder

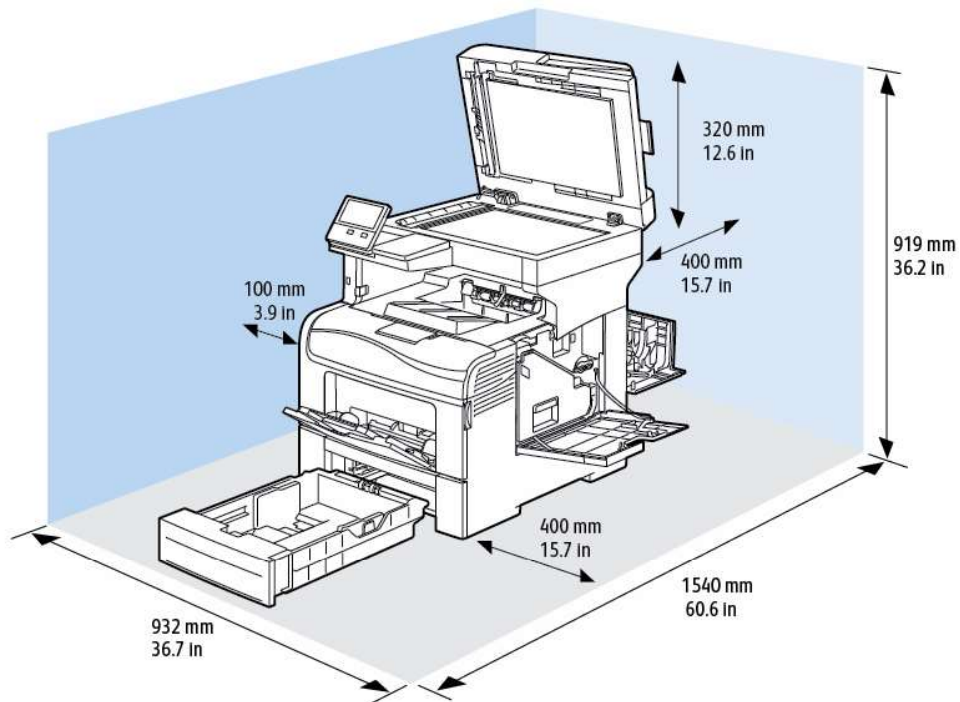


Total Space Requirements

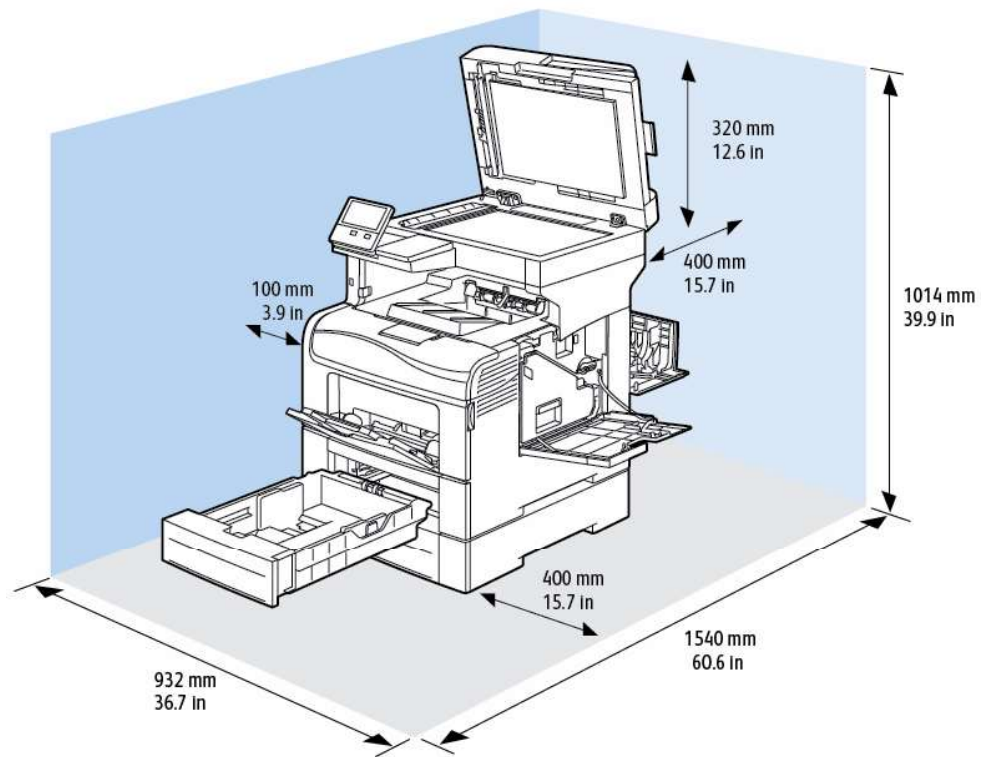
	Standard Configuration	Configuration with Optional 550-Sheet Feeder
Width	932 mm (36.7 in.)	932 mm (36.7 in.)
Depth	1540 mm (60.6 in.)	1540 mm (60.6 in.)
Height	919 mm (36.2 in.)	1014 mm (39.9 in.)

Clearance Requirements

Clearance Requirements for Base Configuration



Clearance Requirements for Optional 550-Sheet Feeder



Environmental Specifications

Temperature

- Operating Temperature Range: 10–32°C (50–90°F)
- Optimal Temperature Range: 15–28°C (59–82°F)

Relative Humidity

- Operating Humidity Range: 10–85 %
- Optimal Humidity Range: 20–70 % relative humidity at 28°C (82°F)



Note: Under extreme environmental conditions, such as 10°C and 85 % relative humidity, printing defects can occur due to condensation inside the printer.

Elevation

For optimum performance, use the printer at elevations below 3100 m (10,170 ft.).

Electrical Specifications

Power Supply Voltage and Frequency

Power Supply Voltage	Frequency	Current Required
110–127 VAC +/-10 % (99–140 VAC)	60 Hz +/-3 Hz	10 A
220–240 VAC +/-10 % (198–264 VAC)	50 Hz +/-3 Hz	6 A


Power Consumption

- Sleep mode: <4 W
- Low Power mode: 19.5 W
- Standby: 82 W
- Continuous printing: 705 W

Recycling Supplies

If you want to return used supplies for recycling, follow the instructions included with the new supplies. If the instructions or shipping label are not available, for more information, go to: www.xerox.com/gwa.

Performance Specifications

Feature	Specifications
Printer warm-up time	<p>Power on: as fast as 60 seconds.</p> <p>Recovery from sleep mode as fast as 4 seconds.</p> <p> Note: Warm-up time assumes an ambient temperature of 20°C (68°F) at 65 % relative humidity.</p>

Print Speed

Print speeds for continuous printing are up to 36 ppm. Print speeds are the same for color or black and white printing.

Several factors affect print speed:

- Print mode: The fastest print mode is Standard.
- Paper size: Letter (8.5 x 11 in.) prints slightly faster than A4 (210 x 297 mm). Larger sizes reduce print speeds.
- Paper type and weights: For faster printing, use paper weights of 105g/m² or less.

Maximum Print Speeds:

- 1-sided printing: 36 ppm on Letter-sized paper and 35 ppm on A4 paper
- 2-sided printing: 24 images per minute on Letter-sized paper and on A4 paper
- Heavyweight Paper: 18 ppm

B

Regulatory Information

This appendix contains:

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• Safety Certification	245
• Material Safety Data Sheets.....	246

Basic Regulations

Xerox has tested this printer to electromagnetic emission and immunity standards. These standards are designed to mitigate interference caused or received by this printer in a typical office environment.

United States FCC Regulations

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 and Part 18 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy. If the equipment is not installed and used in accordance with these instructions, it can cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference. Users are required to correct the interference at their own expense.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment 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 the equipment and receiver.
- Connect the equipment 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 or modifications to this equipment not approved by Xerox can void the authority of the user to operate this equipment.



WARNING: To ensure compliance with Part 15 and Part 18 of the FCC rules, use shielded interface cables.

Canada

This Class A digital apparatus complies with Canadian ICES-003 and ICES-001.

Cet appareil numérique de la classe A est conforme à la norme NMB-003 et NMB-001 du Canada.

Certifications in Europe



The CE mark applied to this product symbolizes a declaration of conformity by Xerox with the following applicable Directives of the European Union as of the date indicated:

- April 16, 2014: Radio Equipment Directive 2014/53/EU

Hereby, Xerox declares that the radio equipment model VersaLink® C405 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity can be found at the following internet address: www.xerox.com/environment_europe

This printer, if used properly in accordance with the instructions, is not dangerous for the consumer or for the environment.

**WARNING:**

- Changes or modifications to this equipment not specifically approved by the Xerox Corporation may void the user's authority to operate this equipment.
- External radiation from Industrial, Scientific, and Medical (ISM) equipment can interfere with the operation of this Xerox device. If external radiation from ISM equipment interferes with this device, contact your Xerox representative for assistance.
- This is a class A product. In a domestic environment, this product can cause radio frequency interference, in which case the user can be required to take adequate measures.
- To ensure compliance with European Union regulations, use shielded interface cables.

European Union Lot 4 Imaging Equipment Agreement Environmental Information

Environmental Information Providing Environmental Solutions and Reducing Cost

The following information has been developed to assist users and has been issued in relation to the European Union (EU) Energy Related Products Directive, specifically the Lot 4 study on Imaging Equipment. This requires manufacturers to improve environmental performance of in scope products and supports the EU action plan on energy efficiency.

In scope products are Household and Office equipment that meet the following criteria:

- Standard monochrome format products with a maximum speed less than 66 A4 images per minute
- Standard color format products with a maximum speed less than 51 A4 images per minute

Environmental Benefits of Duplex Printing

Most Xerox products have duplex printing, also known as 2-sided printing, capability. This enables you to print on both sides of the paper automatically, and therefore helps to reduce the use of valuable resources by reducing your paper consumption. The Lot 4 Imaging Equipment agreement requires that on models greater than or equal to 40 ppm color or greater than or equal to 45 ppm monochrome the duplex function has been auto enabled, during the setup and driver installation. Some Xerox models below these speed bands may also be enabled with 2-sided printing settings defaulted on at the time of install. Continuing to use the duplex function will reduce the environmental impact of your work. However, should you require simplex/1-sided printing, you may change the print settings in the print driver.

Paper Types

This product can be used to print on both recycled and virgin paper, approved to an environmental stewardship scheme, which complies with EN12281 or a similar quality standard. Lighter weight paper (60 g/m²), which contains less raw material and thus saves resources per print, may be used in certain applications. We encourage you to check if this is suitable for your printing needs.

ENERGY STAR Qualified Product



The following configuration of this device is ENERGY STAR® qualified under the ENERGY STAR Program Requirements for Imaging Equipment:

Network printer with copy, automatic 2-sided printing, scan functions, fax functions, and USB or network connectivity.

The ENERGY STAR and ENERGY STAR mark are registered United States trademarks.

The ENERGY STAR Imaging Equipment Program is a team effort between United States, European Union, and Japanese governments and the office equipment industry to promote energy-efficient copiers, printers, fax, multifunction printers, personal computers, and monitors. Reducing product energy consumption helps combat smog, acid rain, and long-term changes to the climate by decreasing the emissions that result from generating electricity.

ENERGY STAR settings are preset on Xerox® equipment at the factory to switch to Power Saver modes after 10 minutes from the last copy or print.

Power Consumption and Activation Time

The amount of electricity that a device consumes depends on the way the device is used. This device is designed and configured to enable you to reduce your electricity usage.

Power Saver modes are enabled on your device to reduce energy consumption. After the last print, the device transitions to Ready mode. In this mode, the device can print again immediately. If the device is not used for a specified period, the device transitions to Low Power mode, then to Sleep mode. In these modes, to enable reduced-power consumption, only essential functions remain active. The device takes longer to produce the first print after it exits the Power Saver modes than it takes to print in Ready mode. This delay is the result of the system waking up and is typical of most imaging devices on the market.

To save power, you can enable Auto Power Off mode on your device. If Auto Power Off mode is enabled, you can configure the mode as follows:

- **Always Allowed:** The device powers off automatically after the specified time, and the cumulative Low Power mode and Sleep mode timeouts have elapsed.
- **Allowed ONLY When Conditions are Met:** The device automatically powers off only after timeouts have elapsed. The device also powers off if Fax, USB Drive, and Wired and Non-Wired Network have not been activated.

To change the Power Saver settings, refer to the *User Guide* at www.xerox.com/office/VLC405docs. For further assistance, contact your System Administrator or refer to the *System Administrator Guide*.

To enable Auto Power Off mode, contact your System Administrator. For details, refer to the *System Administrator Guide* at www.xerox.com/office/VLC405docs.

To learn more about Xerox participation in sustainability initiatives, go to: www.xerox.com/about-xerox/environment/enus.html.



Note: Changing the default Power Saver activation times can result in an overall higher energy consumption of the device. Before you turn off Power Saver modes or set a long activation time, consider the increase in device power consumption.

Default Power Saver Settings

This device is ENERGY STAR®-qualified under the ENERGY STAR Program Requirements for Imaging Equipment. The transition time from Ready mode to Low-Power mode can be set up to 60 minutes. The default value is 10 minutes. The transition time from Low-Power mode to Sleep mode can be set up to 60 minutes. The default value is set at 1 minute. The total transition time from Ready mode to Sleep mode can take up to 60 minutes.

To change the Power Saver settings, contact your system administrator or refer to *System Administrator Guide* at www.xerox.com/office/VLC405docs.

EcoLogo Certified to Office Machines CCD-035



This product is certified to EcoLogo standard for office machines, meeting all requirements for reduced environmental impact. As part of achieving certification, Xerox Corporation has proven this product meets the EcoLogo criteria for energy efficiency. Certified copier, printer, multifunctional device, and fax products must also meet criteria such as reduced chemical emissions and demonstrate compatibility with recycled supplies. EcoLogo was established in 1988 to help consumers find products and services with reduced environmental impacts. EcoLogo is a voluntary, multi-attribute, and lifecycle-based environmental certification. This certification indicates that a product has undergone rigorous scientific testing, exhaustive auditing, or both, to prove its compliance with stringent, third-party, environmental performance standards.

Germany

Germany - Blue Angel



RAL, the German Institute for Quality Assurance and Labeling, has awarded the following configuration of this device the Blue Angel Environmental Label:

Network printer with copy, automatic 2-sided printing, scan functions, fax functions, and USB or network connectivity.

This label distinguishes it as a device that satisfies Blue Angel criteria for environmental acceptability in terms of device design, manufacture, and operation. For more information, go to www.blauer-engel.de.

Blendschutz

Das Gerät ist nicht für die Benutzung im unmittelbaren Gesichtsfeld am Bildschirmarbeitsplatz vorgesehen. Um störende Reflexionen am Bildschirmarbeitsplatz zu vermeiden, darf dieses Produkt nicht im unmittelbaren Gesichtsfeld platziert werden.

Lärmemission

Maschinenlärminformations-Verordnung 3. GPSGV: Der höchste Schalldruckpegel beträgt 70 dB(A) oder weniger gemäß EN ISO 7779.

Importeur

Xerox GmbH
Hellersbergstraße 2-4
41460 Neuss
Deutschland

Turkey RoHS Regulation

In compliance with Article 7 (d), we hereby certify “it is in compliance with the EEE regulation.”
“EEE yönetmeliğine uygundur.”

Eurasian Economic Community Certification



Russia, Belarus, and Kazakhstan are working to establish a common customs union, the Eurasian Economic Community, or EurAsEC. The Eurasian Economic Community members anticipate sharing a common regulatory scheme and common EurAsEC certification mark, the EAC Mark.

Regulatory Information for 2.4-GHz and 5-GHz Wireless Network Adapters

This product contains a 2.4-GHz and 5-GHz Wireless LAN radio transmitter module that complies with the requirements specified in FCC Part 15, Industry Canada RSS-210, and European Council Directive 2014/53/EU. Radio Frequency (RF) output power of this device will not exceed 20 dBm in either frequency band.

Operation of this device is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications to this device not specifically approved by the Xerox Corporation may void the user's authority to operate this equipment.

Ozone Release

This printer produces ozone during normal operation. The amount of ozone produced is dependent on copy volume. Ozone is heavier than air and is not produced in amounts large enough to harm anyone. Install the printer in a well-ventilated room.

For more information in the United States and Canada, go to www.xerox.com/environment. In other markets, please contact your local Xerox representative or go to www.xerox.com/environment_europe.

Copy Regulations

United States

Congress, by statute, has forbidden the reproduction of the following subjects under certain circumstances. Penalties of fine or imprisonment may be imposed on those guilty of making such reproductions.

1. Obligations or Securities of the United States Government, such as:
 - Certificates of Indebtedness.
 - National Bank Currency.
 - Coupons from Bonds.
 - Federal Reserve Bank Notes.
 - Silver Certificates.
 - Gold Certificates.
 - United States Bonds.
 - Treasury Notes.
 - Federal Reserve Notes.
 - Fractional Notes.
 - Certificates of Deposit.
 - Paper Money.
 - Bonds and Obligations of certain agencies of the government, such as FHA and so on.
 - Bonds. United States Savings Bonds may be photographed only for publicity purposes in connection with the campaign for the sale of such bonds.
 - Internal Revenue Stamps. If it is necessary to reproduce a legal document on which there is a canceled revenue stamp, this may be done provided the reproduction of the document is performed for lawful purposes.
 - Postage Stamps, canceled or uncanceled. For philatelic purposes, Postage Stamps may be photographed, provided the reproduction is in black and white and is less than 75 % or more than 150 % of the linear dimensions of the original.
 - Postal Money Orders.
 - Bills, Checks, or Drafts of money drawn by or upon authorized officers of the United States.
 - Stamps and other representatives of value, of whatever denomination, which have been or may be issued under any Act of Congress.
 - Adjusted Compensation Certificates for Veterans of the World Wars.
2. Obligations or Securities of any Foreign Government, Bank, or Corporation.
3. Copyrighted materials, unless permission of the copyright owner has been obtained or the reproduction falls within the “fair use” or library reproduction rights provisions of the copyright law. Further information of these provisions may be obtained from the Copyright Office, Library of Congress, Washington, D.C. 20559. Ask for Circular R21.

4. Certificate of Citizenship or Naturalization. Foreign Naturalization Certificates may be photographed.
5. Passports. Foreign Passports may be photographed.
6. Immigration papers.
7. Draft Registration Cards.
8. Selective Service Induction papers that bear any of the following Registrant's information:
 - Earnings or Income.
 - Court Record.
 - Physical or mental condition.
 - Dependency Status.
 - Previous military service.
 - Exception: United States military discharge certificates may be photographed.
9. Badges, Identification Cards, Passes, or Insignia carried by military personnel, or by members of the various Federal Departments, such as FBI, Treasury, and so on (unless photograph is ordered by the head of such department or bureau).

Reproducing the following is also prohibited in certain states:

- Automobile Licenses.
- Drivers' Licenses.
- Automobile Certificates of Title.

The preceding list is not all inclusive, and no liability is assumed for its completeness or accuracy. In case of doubt, consult your attorney.

For more information about these provisions contact the Copyright Office, Library of Congress, Washington, D.C. 20559. Ask for Circular R21.

Canada

Parliament, by statute, has forbidden the reproduction of the following subjects under certain circumstances. Penalties of fine or imprisonment may be imposed on those guilty of making such reproductions.

Regulatory Information

- Current bank notes or current paper money
- Obligations or securities of a government or bank
- Exchequer bill paper or revenue paper
- The public seal of Canada or of a province, or the seal of a public body or authority in Canada, or of a court of law
- Proclamations, orders, regulations, or appointments, or notices thereof (with intent to falsely cause same to purport to have been printed by the Queens Printer for Canada, or the equivalent printer for a province)
- Marks, brands, seals, wrappers, or designs used by or on behalf of the Government of Canada or of a province, the government of a state other than Canada or a department, board, Commission, or agency established by the Government of Canada or of a province or of a government of a state other than Canada
- Impressed or adhesive stamps used for the purpose of revenue by the Government of Canada or of a province or by the government of a state other than Canada
- Documents, registers, or records kept by public officials charged with the duty of making or issuing certified copies thereof, where the copy falsely purports to be a certified copy thereof
- Copyrighted material or trademarks of any manner or kind without the consent of the copyright or trademark owner

This list is provided for your convenience and assistance, but it is not all-inclusive, and no liability is assumed for its completeness or accuracy. In case of doubt, consult your solicitor.

Other Countries

Copying certain documents may be illegal in your country. Penalties of fine or imprisonment may be imposed on those found guilty of making such reproductions.

- Currency notes
- Bank notes 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.

Fax Regulations

United States

Fax Send Header Requirements

The Telephone Consumer Protection Act of 1991 makes it unlawful for any person to use a computer or other electronic device, including a fax machine, to send any message unless such message clearly contains in a margin at the top or bottom of each transmitted page or on the first page of the transmission, the date and time it is sent and an identification of the business or other entity, or other individual sending the message and the telephone number of the sending machine or such business, other entity, or individual. The telephone number provided may not be a 900 number or any other number for which charges exceed local or long-distance transmission charges.

For instructions on programming the Fax Send Header information, refer to the section of the *System Administrator Guide* on Setting Transmission Defaults.

Data Coupler Information

This equipment complies with Part 68 of the FCC rules and the requirements adopted by the Administrative Council for Terminal Attachments (ACTA). On the cover of this equipment is a label that contains, among other information, a product identifier in the format US:AAAEQ##TXXXX. If requested, this number must be provided to the Telephone Company.

A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by the ACTA. A compliant telephone cord and modular plug is provided with this product. It connects to a compatible modular jack that is also compliant. See installation instructions for details.

You can safely connect the printer to the following standard modular jack: USOC RJ-11C using the compliant telephone line cord (with modular plugs) provided with the installation kit. See installation instructions for details.

The Ringer Equivalence Number (REN) is used to determine the number of devices that can be connected to a telephone line. Excessive RENs on a telephone line could result in the devices not ringing in response to an incoming call. In most but not all areas, the sum of RENs should not exceed five (5.0). To be certain of the number of devices that can be connected to a line, as determined by the RENs, contact the local Telephone Company. For products approved after July 23, 2001, the REN is part of the product identifier that has the format US:AAAEQ##TXXXX. The digits represented by ## are the REN without a decimal point (for example, 03 is a REN of 0.3). For earlier products, the REN is separately shown on the label.

To order the correct service from the local Telephone Company, you could also have to quote the codes in the following list:

- Facility Interface Code (FIC) = 02LS2
- Service Order Code (SOC) = 9.0Y

Regulatory Information



Caution: Ask your local Telephone Company for the modular jack type installed on your line. Connecting this machine to an unauthorized jack can damage telephone company equipment. You, not Xerox, assume all responsibility and/or liability for any damage caused by the connection of this machine to an unauthorized jack.

If this Xerox® equipment causes harm to the telephone network, the Telephone Company could temporarily discontinue service to the telephone line to which it is connected. If advance notice is not practical, the Telephone Company notifies you of the disconnection as soon as possible. If the Telephone Company interrupts your service, they can advise you of your right to file a complaint with the FCC if you believe that it is necessary.

The Telephone Company could change its facilities, equipment, operations, or procedures which could affect the operation of the equipment. If the Telephone Company changes something that affects the operation of the equipment, they should notify you in order for you to make necessary modifications to maintain uninterrupted service.

If you experience trouble with this Xerox® equipment, please contact the appropriate service center for repair or warranty information. Contact information is contained in the Device app on the printer and in the back of the Troubleshooting section of the *User Guide*. If the equipment is causing harm to the telephone network, the Telephone Company may request you to disconnect the equipment until the problem is resolved.

Only a Xerox Service Representative or an authorized Xerox Service provider are authorized to make repairs to the printer. This applies at any time during or after the service warranty period. If unauthorized repair is performed, the remainder of the warranty period is null and void.

This equipment must not be used on party lines. Connection to party line service is subject to state tariffs. Contact the state public utility commission, public service commission, or corporation commission for information.

Your office could have specially wired alarm equipment connected to the telephone line. Make sure that the installation of this Xerox® equipment does not disable your alarm equipment.

If you have questions about what could disable alarm equipment, consult your Telephone Company or a qualified installer.

Canada

This product meets the applicable Industry Canada technical specifications.

A representative designated by the supplier should coordinate repairs to certified equipment. Repairs or alterations made by the user to this device, or device malfunctions, could cause the telecommunications company to request you to disconnect the equipment.

For user protection, make sure that the printer is properly grounded. The electrical ground connections of the power utility, telephone lines, and internal metallic water pipe systems, if present, must be connected together. This precaution could be vital in rural areas.



WARNING: Do not attempt to make such connections yourself. Contact the appropriate electric inspection authority, or electrician, to make the ground connection.

The REN assigned to each terminal device provides an indication of the maximum number of terminals allowed to be connected to a telephone interface. The termination on an interface could consist of any combination of devices. The only limitation to the number of devices is the requirement that the sum of the RENs of the devices does not exceed 5. For the Canadian REN value, please see the label on the equipment.

Canada CS-03 Issue 9

This product has been tested to and is compliant with CS-03 issue 9.

European Union

Radio Equipment and Telecommunications Terminal Equipment Directive

This device has been designed to work with the national public switched telephone networks and compatible PBX devices of the following countries:

Pan-European Analog PSTN and Compatible PBX Certifications		
Austria	Greece	Netherlands
Belgium	Hungary	Norway
Bulgaria	Iceland	Poland
Cyprus	Ireland	Portugal
Czech Republic	Italy	Romania
Denmark	Latvia	Slovakia
Estonia	Liechtenstein	Slovenia
Finland	Lithuania	Spain
France	Luxembourg	Sweden
Germany	Malta	United Kingdom

If you have problems with your product, contact your local Xerox representative. This product can be configured to be compatible with other country networks. Before reconnecting the device to a network in another country, contact your Xerox representative for assistance.



Note:

- Although this product can use either loop disconnect (pulse) or DTMF tone signaling, Xerox recommends that you use DTMF signaling. DTMF signaling provides reliable and faster call setup.
- Modification of this product, or connection to external control software or control apparatus not authorized by Xerox, invalidates its certification.

New Zealand

1. The grant of a Telepermit for any item of terminal equipment indicates only that Telecom has accepted that the item complies with minimum conditions for connection to its network. It indicates no endorsement of the product by Telecom, it does not provide any sort of warranty, and it does not imply that any Telepermitted product is compatible with all Telecom network services. Above all, it provides no assurance that any item will work correctly in all respects with another item of Telepermitted equipment of a different make or model.
The equipment may not be capable of correct operation at the higher data speeds designated. 33.6 kbps and 56 kbps connections are likely to be restricted to lower bit rates when connected to some PSTN implementations. Telecom will accept no responsibility for difficulties that arise in such circumstances.
2. Immediately disconnect this equipment should it become physically damaged, then arrange for its disposal or repair.
3. This modem shall not be used in any manner which could constitute a nuisance to other Telecom customers.
4. This device is equipped with pulse dialing, while the Telecom standard is DTMF tone dialing. There is no guarantee that Telecom lines will always continue to support pulse dialing.
5. Use of pulse dialing, when this equipment is connected to the same line as other equipment, may give rise to 'bell tinkle' or noise and cause a false answer condition. If you encounter such problems, do not contact the Telecom Faults Service.
6. DTMF tones dialing is the preferred method because it is faster than pulse (decadic) dialing and is readily available on almost all New Zealand telephone exchanges.



WARNING: No '111' or other calls can be made from this device during a mains power failure.

7. This equipment may not provide for the effective hand-over of a call to another device connected to the same line.
8. Some parameters required for compliance with Telecom Telepermit requirements are dependent on the equipment (computer) associated with this device. The associated equipment shall be set to operate within the following limits for compliance with Telecom Specifications:
For repeat calls to the same number:
 - There shall be no more than 10 call attempts to the same number within any 30 minute period for any single manual call initiation, and
 - The equipment shall go on-hook for a period of not less than 30 seconds between the end of one attempt and the beginning of the next attempt.

For automatic calls to different numbers:

The equipment shall be set to ensure that automatic calls to different numbers are spaced such that there is no less than five seconds between the end of one call attempt and the beginning of another.

9. For correct operation, total of the RNs of all devices connected to a single line at any time should not exceed five.

South Africa

This modem must be used in conjunction with an approved surge-protection device.

Safety Certification

This device is certified by the following agencies using the following safety standards.

Agency	Standard
Underwriters Laboratories Inc. (US/Canada)	UL 60950-1, 2nd Edition, 2014-10-14 CAN/CSA C22.2 No. 60950-1-07, 2nd Edition, 2014-10
Underwriters Laboratories Inc. (Europe)	IEC 60950-1:2005 + A1:2009 + A2:2013 EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013

Material Safety Data Sheets

For Material Safety Data information regarding your printer, go to:

- North America: www.xerox.com/msds
- European Union: www.xerox.com/environment_europe

For the Customer Support Center phone numbers, go to www.xerox.com/office/worldcontacts.

C

Recycling and Disposal

This appendix contains:

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All Countries

If you are managing the disposal of your Xerox product, please note that the printer may contain lead, mercury, perchlorate, and other materials whose disposal may be regulated due to environmental considerations. The presence of these materials is fully consistent with global regulations applicable at the time that the product was placed on the market. For recycling and disposal information, contact your local authorities. Perchlorate Material: This product may contain one or more Perchlorate-containing devices, such as batteries. Special handling may apply. For more information, go to www.dtsc.ca.gov/hazardouswaste/perchlorate.

North America

Xerox operates an equipment take-back and reuse/recycle program. Contact your Xerox representative (1-800-ASK-XEROX) to determine if this Xerox product is part of the program. For more information about Xerox environmental programs, visit www.xerox.com/environment, or for recycling and disposal information, contact your local authorities.

European Union

Some equipment may be used in both a domestic/household and a professional/business application.

Domestic/Household Environment



Application of this symbol on your equipment is confirmation that you should not dispose of the equipment in the normal household waste stream.

In accordance with European legislation, end of life electrical and electronic equipment subject to disposal must be segregated from household waste.

Private households within EU member states may return used electrical and electronic equipment to designated collection facilities free of charge. Please contact your local disposal authority for information.

In some member states, when you purchase new equipment, your local retailer may be required to take back your old equipment free of charge. Please ask your retailer for information.

Professional/Business Environment



Application of this symbol on your equipment is confirmation that you must dispose of this equipment in compliance with agreed national procedures.

In accordance with European legislation, end of life electrical and electronic equipment subject to disposal must be managed within agreed procedures.

Prior to disposal, please contact your local reseller or Xerox representative for end of life take-back information.

Collection and Disposal of Equipment and Batteries



These symbols on the products and/or accompanying documents mean that used electrical and electronic products and batteries should not be mixed with general household waste.

For proper treatment, recovery, and recycling of old products and used batteries, please take them to applicable collection points, in accordance with your national legislation and the Directive 2002/96/EC and 2006/66/EC.

By disposing of these products and batteries correctly, you will help to save valuable resources and prevent any potential negative effects on human health and the environment which could otherwise arise from inappropriate waste handling.

For more information about collection and recycling of old products and batteries, please contact your local municipality, your waste disposal service or the point of sale where you purchased the items.

Penalties may be applicable for incorrect disposal of this waste, in accordance with national legislation.

Business Users in the European Union

If you wish to discard electrical and electronic equipment, please contact your dealer or supplier for further information.

Disposal Outside of the European Union

These symbols are only valid in the European Union. If you wish to discard these items, please contact your local authorities or dealer and ask for the correct method of disposal.

Battery Symbol Note



This wheeled bin symbol may be used in combination with a chemical symbol. This establishes compliance with the requirements set out by the Directive.

Battery Removal

Batteries should only be replaced by a manufacturer-approved service facility.








Other Countries







Please contact your local waste management authority to request disposal guidance.








D








Apps Features








This appendix contains:








Feature		Description	Copy	Email	Fax	Scan To	ID Card Copy
	Preset	Use Preset to select values that were stored previously. Select the required Preset from the menu.	•	•	•	•	
	Output Color	Use Output Color to control the color rendering of the output image or print.	•	•		•	•
	Color Balance	For a color original document, you can adjust the balance of the printing colors among cyan, magenta, yellow, and black before printing your copy.	•				
	Color Effects	For a color original document, you can adjust the color of the copy using preset color effects. For example, you can adjust colors to be brighter or cooler.	•				
	Saturation	Saturation allows you to adjust the color strength and the amount of gray in the color.	•	•		•	
	2-Sided and 2-Sided Scanning	You can use the 2-Sided options to set the device to scan one or both sides of an original document. For Copy jobs, you can specify 1-Sided or 2-Sided output.	•	•	•	•	
	Paper Supply	Use Paper Supply to specify the size, type and color of the paper required, or the Paper Tray to use. If Auto is selected, the printer chooses the paper tray based on the original	•				•







Feature		Description	Copy	Email	Fax	Scan To	ID Card Copy
		document size and the selected settings.					
	Collated	You can collate multiple-page copy jobs automatically. For example, when making three 1-Sided copies of a six-page document, the copies are printed in this order: 1, 2, 3, 4, 5, 6; 1, 2, 3, 4, 5, 6; 1, 2, 3, 4, 5, 6.	•				
	Reduce/Enlarge	You can reduce the image to as little as 25 % of its original size or enlarge it as much as 400 %.	•				•
	Original Type	The printer optimizes the image quality of the copies based on the type of images in the original document and how the original was created.	•	•	•	•	•
	Lighten/Darken	Use the Lighten/Darken slider to make the output image or print lighter or darker.	•	•	•	•	•
	Sharpness	Use this option to sharpen the output image or print. For best results, sharpen text images and soften photos.	•	•	•	•	
	Image Enhancement	Use the Image Enhancement options to select Background Suppression when you scan original documents on a colored sheet, or to adjust the image contrast.	•				•



Feature		Description	Copy	Email	Fax	Scan To	ID Card Copy
	Original Orientation	You can use the Original Orientation option to specify the layout of the original images that you scan. The printer uses the information to determine if images require rotation to produce the desired output.	•	•		•	
	Image Shift	Image Shift allows you to modify the location of the image on the page. You can shift the printed image along the X and Y axes of each sheet of paper.	•				
	Auto Background Suppression	Use the Auto Background Suppression setting to reduce the sensitivity of the printer to variations in light background colors.		•		•	
	Edge Erase	You can erase content from the edges of your images using the Edge Erase feature. You can specify the amount to erase on the right, left, top, and bottom edges.	•	•		•	
	Original Size	To ensure that you are scanning the correct area of the documents, specify the original document size.	•	•	•	•	
	Book Copying	You can use the Book Copying feature to copy books, magazines, or other bound documents.	•				
	Front Cover	You can print the first page of your copy job on different paper, such as colored or heavyweight paper. The	•				

Feature		Description	Copy	Email	Fax	Scan To	ID Card Copy
		<p>printer selects the special paper from a different tray. The cover can be blank or printed.</p> <p> Note: This function is only available on printers with an optional Productivity Kit installed.</p>					
	Annotations	<p>You can add Annotations, such as page numbers and the date, to your copies.</p> <p> Note: This function is only available on printers with an optional Productivity Kit installed.</p>	•				
	Booklet Creation	<p>The Booklet Creation feature prints two pages on each side of the paper. The pages are reordered so that they are in numerical order when folded.</p> <p> Note: This function is only available on printers with an optional Productivity Kit installed.</p>	•				
	Page Layout	<p>You can print the selected number of pages on one side of a sheet of paper. Selecting multiple pages per sheet saves paper and provides a way to review the layout of a document.</p>	•				
	Sample Copy	<p>Sample Copy allows you to print a test copy of a job to inspect before printing multiple copies. This feature</p>	•				

Feature		Description	Copy	Email	Fax	Scan To	ID Card Copy
		is useful for complex or high-volume jobs. After you print and inspect the test copy, you can choose to print or cancel the remaining copies.					
	Quantity	Use this option to enter the number of required ID card copies.					•
	Preview	Use this option to view a sample of the scanned images. You can use Preview to continue scanning and adding pages to a job.		•	•	•	
	Resolution	Resolution determines how fine or grainy graphic images appear. Image resolution is measured in dots per inch (dpi).		•	•	•	
	Contrast	You can use the Contrast feature to adjust the variation between light and dark areas of the image.		•		•	
	Remove Blank Pages	Remove Blank Pages configures the printer to ignore blank pages.		•	•	•	
	Book Scanning	You can use the Book Scanning feature to scan books, magazines, or other bound documents.		•		•	
	Subject	Use the Subject option to add a title or heading to an email.				•	

Feature		Description	Copy	Email	Fax	Scan To	ID Card Copy
	From	Use the From option to specify the originator of the email.		•		•	
	Reply To	Use the Reply To option to include an email address you want the recipient to reply to. This option is useful if you want the recipient to reply to your email address rather than to the device.  Note: The system administrator can preset this option.		•		•	
	Message	Use Message to enter information to accompany the email.		•		•	
	File Format	Use the File Format option to specify the format of the saved image or to define a searchable image. You can add a password to protect the image or choose to combine multiple images into a single file.		•			
	File Already Exists	Use the File Already Exists option to define what action the device takes when the file name is used already.				•	
	File Name	Use the File Name option to specify a name for the file containing the scanned images.		•		•	

Feature		Description	Copy	Email	Fax	Scan To	ID Card Copy
	Book Faxing	You can use the Book Faxing feature to scan images from books, magazines, or other bound documents for faxing.			•		
	Starting Rate	Select the highest starting rate to transmit the fax, unless the destination for the fax you are sending has special requirements.			•		
	Cover Sheet	You can use the Cover Sheet option to add an introduction page to the beginning of your fax. You can add a short comment to the cover sheet, and To and From details.			•		
	Transmission Header Text	It is unlawful to send a message from a fax machine without the proper Transmission Header Text. Ensure that the name and telephone number of the sender, and the date and time of the transmission are included on all faxes.			•		
	Delay Send	You can set a time in the future for the printer to send your fax job. You can delay the sending of your fax job for up to 24 hours.			•		
	Priority Send	Use Priority Send to identify urgent faxes. Priority faxes are sent first.			•		

Feature		Description	Copy	Email	Fax	Scan To	ID Card Copy
	Manual Send	You can use the Manual Send feature to enable the fax modem speaker temporarily. This feature is helpful to dial international numbers, or to use phone systems that require you to wait for a specific audio tone.			<ul style="list-style-type: none">		
	Polling	Polling allows you to retrieve faxes stored on other fax machines.			<ul style="list-style-type: none">		

