

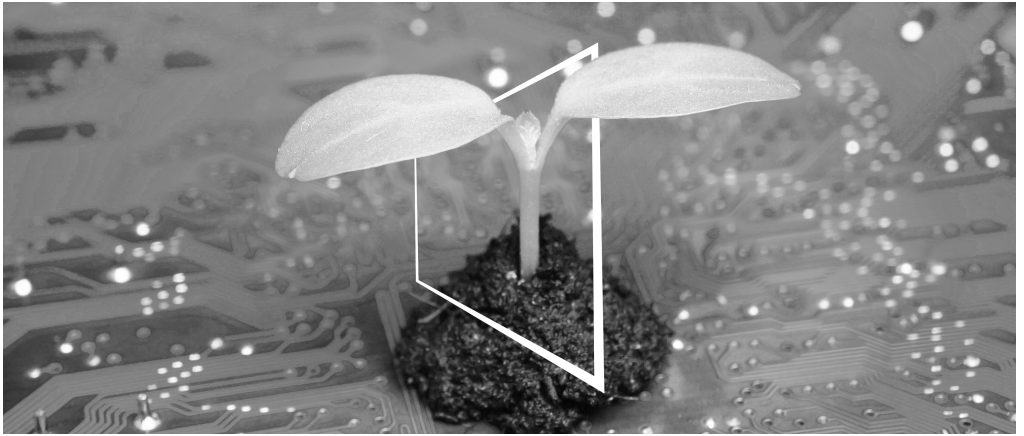


KONICA MINOLTA

bizhub 5021i/4221i/5001i/4201i
GENERAL SAFETY
INFORMATION



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Table of contents

1 General Safety Information


1.1	Safety information	1-1
	Warning and precaution symbols.....	1-2
	Power source connection.....	1-3
	Installation	1-5
	Using the product.....	1-6
	Consumables	1-8
1.2	Caution notations and labels.....	1-10
1.3	Space requirements	1-12

2 Operation precautions

Power source	2-1
Operating environment.....	2-1
Data stored in this machine.....	2-1
Precautions for carrying the machine	2-2

3 Regulation notices

About certified model name	3-1
EN 60825-1:2014+A11:2021 and EN 50689:2021 (Europe only).....	3-1
CE marking (Declaration of Conformity) for users of the European Union (EU)	3-2
UKCA marking (Declaration of Conformity) for users of the Great Britain	3-3
Specifications	3-4
Electromagnetic interference	3-4
GS certification.....	3-5
Laser safety	3-5
Internal laser radiation	3-5
Laser safety label	3-6
Ozone release.....	3-6
Changing replaceable lithium batteries used in products.....	3-6
Acoustic noise	3-6
RoHS	3-7



USB host	3-7
ETSI (for bizhub 5021i/4221i)	3-7
IMPORTANT SAFETY INSTRUCTIONS (for bizhub 5021i/4221i).....	3-7

1 General Safety Information

Thank you for choosing this machine.

In order to operate the machine safely and properly, be sure to read the safety information in this manual before use:

- Items that must be observed to use the machine safely
- Information regarding product safety
- Precautions when using the machine

The illustrations used in this manual may appear slightly different from views of the actual equipment.

For details on the various functions, refer to the user's guides available for download at <https://www.konicaminolta.eu>

1.1 Safety information

Please read the following section before connecting the machine to the supply. It contains important information related to user safety and preventing equipment problems.

Make sure that you observe all of the precautions that appear in different sections of this manual.




Some parts of the contents of this section may not correspond with the purchased product.

Warning and precaution symbols

















Be sure to observe the safety precautions.




This manual contains the instructions that should be strictly observed at all times to prevent injury to yourself and other persons as well as damage to property.

Injuries and damage that might be caused by using the product improperly are classified according to the following symbols.

Pictorial indication	Description
 DANGER	Improper handling can frequently cause serious injury and death.
 WARNING	Improper handling can cause serious injury or death.
 CAUTION	Improper handling can cause minor injury or damage to houses and property.






These are some of major exemplary graphical symbols.

Symbol	Description	Symbol	Description
	General Prohibited		Do not disassemble
	General instruction		Ground/Earth
	General precaution		CAUTION high temperature
	CAUTION risk of having hands or arms caught		CAUTION moving parts
	CAUTION double pole / neutral fusing		"ON" position
	"STAND-BY" position		Push-push type switches
	Ground/Earth (Pro- tective earthing)		CAUTION moving fan blade
	Do not touch		"OFF" position





Symbol	Description	Symbol	Description
	Unplug from outlet		Ground/Earth (Protective bonding terminal)
	CAUTION electrical shock		

Power source connection





WARNING

<p>Do not use any power cord other than the one supplied in the package or attached on the products. If a power cord is not supplied, use only the power cord and plug that are specified in the user documentation. Failure to use this cord could result in a fire or electrical shock. If the power cord supplied in the package cannot be used in the country where this product was sold, use a power cord that meets the following conditions or contact your Technical Representative.</p> <ul style="list-style-type: none"> • The power cord has voltage and current rating appropriate for the rating plate on this machine. • The power cord meets regulatory requirements for the area. • The power cord is provided with grounding pin/terminal. 	
<p>Do not use the power cord to other products. Failure to do that could result in a fire or electrical shock.</p>	
<p>Do not scratch, abrade, place a heavy object on, heat, twist, bend, step on, pull on, or damage the power cord. Use of a damaged power cord (exposed core wire, broken wire, etc.) could result in a fire or breakdown. Should any of these conditions be found, immediately turn OFF the power switch, unplug the power cord from the power outlet, and then call your authorized service representative.</p>	
<p>Do not use the power source voltage other than being specified on the machine. Failure to do that could result in a fire or electrical shock.</p>	
<p>Do not use a multiple outlet adapter to connect any other appliances or machines. Use of a power outlet for more than the marked current value could result in a fire or electrical shock.</p>	

WARNING

<p>Do not use an extension cord. Use of an extension cord could cause a fire or electric shock. If the power cord furnished with the product is not long enough to be plugged into a wall outlet, contact your Technical Representative.</p>	
<p>Do not unplug and plug in the power cord with a wet hand, as an electrical shock could result.</p>	
<p>Plug the power cord all the way into the power outlet. Failure to do this could result in a fire or electrical shock.</p>	
<p>Make sure to ground this product. (Connect the power cord to an electrical outlet that is equipped with a grounding terminal.) Failure to do so and an unlikely event of leakage could result in a fire or electrical shock.</p>	

CAUTION

<p>The outlet must be near the equipment and easily accessible. Otherwise you can not pull out the power plug when an emergency occurs.</p>	
<p>Do not place any objects around the power plug, as the power plug may be difficult to pull out when an emergency occurs.</p>	
<p>Do not tug the power cord when unplugging. Pulling on the power cord could damage the cord, resulting in a fire or electrical shock.</p>	
<p>Remove the power plug from the outlet more than one time a year and clean the area between the plug terminals. Dust that accumulates between the plug terminals may cause a fire.</p>	

Installation

WARNING

Keep this bag away from babies and children. Do not use in cribs, beds, carriages, or playpens. The thin film may cling to nose and mouth and prevent breathing. This bag is not a toy.



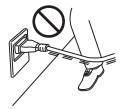
Do not place a flower vase or other container that contains water, or metal clips or other small metallic objects on this product. Spilled water or metallic objects dropped inside the product could result in a fire, electrical shock, or breakdown.



Should a piece of metal, water, or any other similar foreign matter get inside the product, immediately turn OFF the power switch, unplug the power cord from the power outlet, and then call your Technical Representative or your authorized service representative.



Make sure that the power cord is placed on a site in which no person would step on or trip over it. Stepping on or tripping over the power cord could heat the power cord, resulting in a fire or electric shock.



CAUTION

<If instructed to use fixing legs>

When the product has been installed, fix the product using the fixing legs.

Not using the fixing legs could cause the product to move or topple over.



Do not place the product in a dusty place, or a site exposed to soot or steam, near a kitchen table, bath, or a humidifier. A fire, electrical shock, or breakdown could result.



Do not place this product on an unstable or tilted bench, or in a location subject to a lot of vibration and shock. It could drop or fall, causing personal injury or mechanical breakdown.



Do not let any object plug the ventilation holes of this product. Heat could accumulate inside the product, resulting in a fire or malfunction.



⚠ CAUTION

Whenever moving this product, be sure to disconnect the power cord and other cables. Failure to do this could damage the cord or cable, resulting in a fire, electrical shock, or breakdown.



When moving this product, always hold it at the locations specified in the User's Guide or other documents. If the unit is moved while held at locations other than those specified, it may fall, causing severe personal injury.

**Using the product****⚠ WARNING**

Do not modify this product, as a fire, electrical shock, or breakdown could result. If the product employs a laser, the laser beam source could cause blindness.



Do not attempt to remove the covers and panels which have been fixed to the product. Some products have a high-voltage part or a laser beam source inside that could cause an electrical shock or blindness.



Do not keep using this product, if this product becomes inordinately hot or emits smoke, or unusual odor or noise. Immediately turn OFF the power switch, unplug the power cord from the power outlet, and then call your Technical Representative or your authorized service representative. If you keep on using it as is, a fire or electrical shock could result.



Do not keep using this product, if this product has been dropped or its cover damaged. Immediately turn OFF the power switch, unplug the power cord from the power outlet, and then call your Technical Representative or your authorized service representative. If you keep on using it as is, a fire or electrical shock could result.



Do not use flammable sprays, liquids, or gases inside or near this machine. Do not clean the inside of this machine using a flammable gas duster. A fire or explosion could result.



⚠ WARNING

<If an RFID module (limited only to 13.56 MHz) for use in inside-the-machine proximity communication or electro-magnetic induction heating (IH) technology (limited only to 20.05 kHz to 100 kHz) is being used>

This machine generates a weak magnetic field.

If you experience any unusual symptoms with your implantable medical equipment (cardiac pacemaker, etc.) while near the machine, move away from the machine and see a doctor immediately.

Please call your Technical Representative or your authorized service representative if you do not understand the purchased product corresponds or not.



<If a non-contact IC card reader is being used>

If you use an implantable medical equipment (cardiac pacemaker, etc.), do not bring the IC card reader close from the implant within 12 cm at all times.

The radio waves may affect implantable medical equipment (cardiac pacemaker, etc.) operations.

**⚠ CAUTION**

Using this product in a poorly ventilated room for a long time or producing a large volume of copies or prints may cause the odor of exhaust air from the machine. Ventilate the room well.



The inside of this product has areas subject to high temperature, which may cause burns.

When checking the inside of the unit for malfunctions such as a paper misfeed, do not touch the locations (around the fusing unit, etc.) which are indicated by a "Caution HOT" caution label. A burn could result.



Unplug the product when you will not use the product for long periods of time.



When using the machine, do not look at the light of the lamp for a prolonged time. Eyestrain could result.



Do not use stapled paper, conductive paper (such as silver paper or carbon paper) or treated heat-sensitive/inkjet paper, otherwise a fire may result.



Consumables

This Product contains synthetic polymer microparticles as defined in Annex XVII entry 78 of REACH Regulation.

(Regulation 1907/2006 of the European Parliament and the Council)

Handle so that the contents are not released to the environment.

CAUTION

Do not rinse toner bottles, cartridges, containers, or packaging.
Properly dispose of toner bottles, cartridges, containers, an packages after use.



WARNING

Do not throw toner or a container that contains toner (e.g., toner cartridge, developing unit and Waste Toner Box) into an open flame. The hot toner may scatter and cause burns or other damage.



CAUTION

Do not leave toner-related parts (e.g., toner cartridge, developing unit and Waste Toner Box) within easy reach of children. Licking any of these parts or ingesting toner could damage your health.



Do not store toner-related parts (e.g., toner cartridge, developing unit and Waste Toner Box) near devices susceptible to magnetism, such as precision equipment and data storage devices, otherwise they may malfunction. They could cause these products to malfunction.



Do not force open the toner-related parts (e.g., toner cartridge, developing unit and Waste Toner Box). If toner tumbles from the toner bottle, take utmost care to avoid inhaling it or even getting skin contact.










If toner lands on your skin or clothing, wash thoroughly with soap and water.



If you inhale toner, move to a place with fresh air and gargle with a lot of water repeatedly. Should you get symptoms such as coughing, seek medical advice.



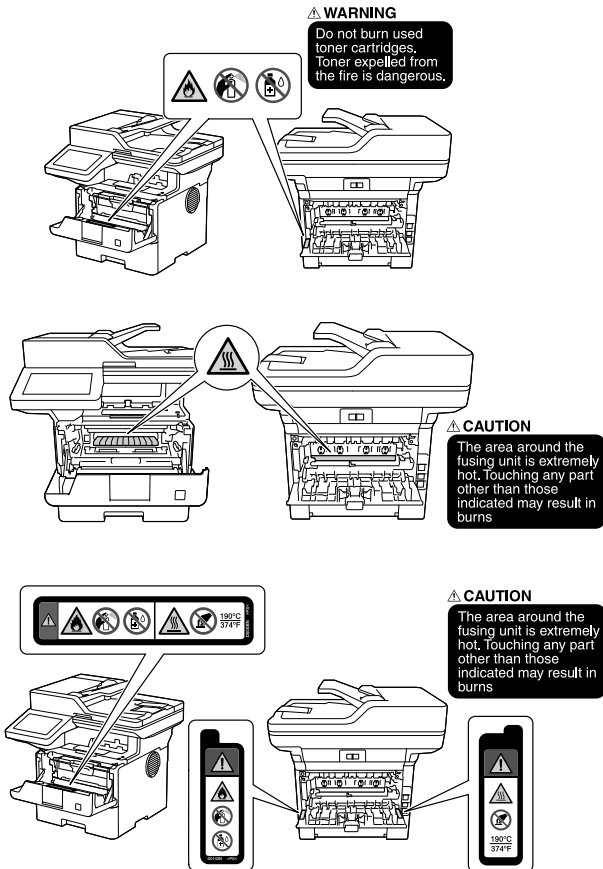
 **CAUTION**

<p>If you get toner into your eyes, immediately rinse them with running water for over 15 minutes. Seek medical advice if irritation persists.</p>	
<p>If you swallow toner, rinse out your mouth and drink a few glasses of water. Seek medical advice if necessary.</p>	
<p>If you clean up toner, wear personal protective equipment. Vacuum or sweep material and place in a bag and hold for waste disposal. Use vacuum equipped with High Efficiency Particulate Air (HEPA) filter. Vacuum should be electrically bonded and grounded to dispel static electricity. To avoid dust generation, do not sweep dry.</p>	
<p>Never touch the electrical contacts of the units (e.g., toner cartridge and developing unit), as an electrostatic discharge may damage the product.</p>	
<p>Before handling, see the user documentation for the safety information.</p>	
<p><If instructed to replace the fusing unit> The fusing section is extremely hot. Before replacing the fusing unit, be sure to open doors and covers of the machine. Then, leave the machine to stand idle for a specified period of time and make sure that the fusing section has cooled down to room temperature. Failure to follow these instructions could result in a burn.</p>	 

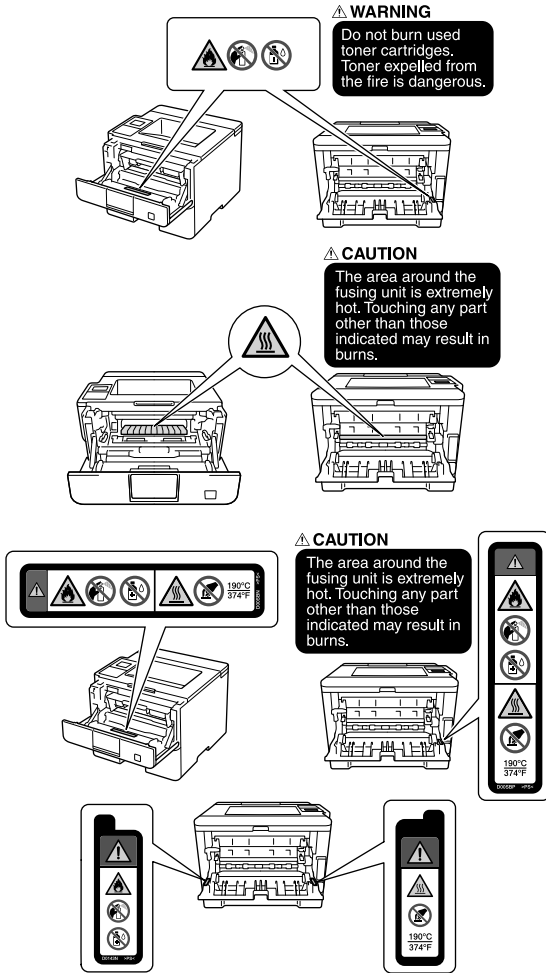
1.2 Caution notations and labels

Safety precaution notations and labels appear on this machine at the following positions. Be very careful that an accident does not occur when operations such as removing paper jams and staple jams are performed.

bizhub 5021i/4221i



bizhub 5001i/4201i



NOTICE

Do not remove caution labels or notations. If any caution label or caution notation is soiled, please clean to make legible. If you cannot make them legible, or if the caution label or notation is damaged, please contact your service representative.

1.3 Space requirements

To ensure that machine operation, consumables replenishing, part replacement, and regular maintenance can easily be performed, adhere to the recommended space requirements detailed below.

bizhub 5021i

Item	Specifications
Dimensions [W] × [D] × [H]	19.5 inches (495 mm) × 19.5 inches (495 mm) × 20.4 inches (518 mm) (Main unit and ADF)
Space Requirements ([W] × [D] × [H])	20.5 inches (520.5 mm) × 31.5 inches (799.5 mm) × 28.3 inches (719.7 mm)

bizhub 4221i

Item	Specifications
Dimensions [W] × [D] × [H]	16.4 inches (417 mm) × 18.1 inches (461 mm) × 17.6 inches (448 mm) (Main unit and ADF)
Space Requirements ([W] × [D] × [H])	17.2 inches (437.6 mm) × 30.1 inches (765.5 mm) × 26.7 inches (679.3 mm)

bizhub 5001i

Item	Specifications
Dimensions [W] × [D] × [H]	15.7 inches (402 mm) × 15.6 inches (396 mm) × 12.6 inches (319 mm)
Space Requirements ([W] × [D] × [H])	15.7 inches (402 mm) × 28.8 inches (731.6 mm) × 12.6 inches (319 mm)

bizhub 4201i

Item	Specifications
Dimensions [W] × [D] × [H]	14.7 inches (373 mm) × 15.3 inches (388 mm) × 11.4 inches (289 mm)
Space Requirements ([W] × [D] × [H])	14.7 inches (373 mm) × 28.7 inches (728.3 mm) × 11.4 inches (289 mm)

NOTICE

Be sure to allow a clearance of 5.9 inches (150 mm) or more at the back of this machine for the ventilation duct.

2 Operation precautions

To ensure the optimum performance of this machine, observe the precautions described below.

Power source

The power source requirements are as follows.

- Use a power source with as little voltage or frequency fluctuations as possible.
- Voltage fluctuation: Maximum $\pm 10\%$ (at 110V to 120V AC/220V to 240V AC)
- Frequency fluctuation: Maximum ± 2 Hz (at 50 Hz/60 Hz)

Operating environment

The environmental requirements for correct operation of the machine are as follows.

- Temperature: 50°F (10°C) to 90.5°F (32.5°C) with fluctuations of no more than 18°F (10°C) within an hour
- Humidity: 20% to 80% with fluctuations of no more than 10% within an hour

Data stored in this machine

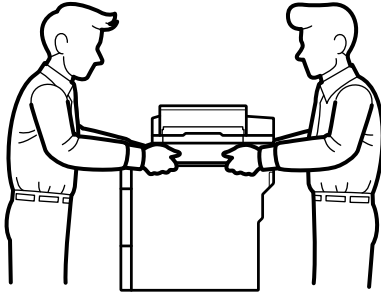
For the machine with storage, it is suggested to delete all data stored in all storage areas using the overwrite all data function to prevent leakage of data prior to transfer or disposal of the machine, or returning of the leased machine.

For details of the overwrite all data function, refer to the User's Guide. Contact your service representative before deleting data.

It is recommended to backup storage periodically as the measures for storage defect. For the detail information of storage backup, contact your service representative.

Precautions for carrying the machine

This machine weighs approximately 35-1/4 lb (16 kg) to 44-1/16 lb (20 kg), including consumables. Two people are always required to lift the machine. (For **bizhub 5021i/4221i**)



If you use a Lower Tray (Paper Feeder Unit), DO NOT carry the product with the Lower Tray (Paper Feeder Unit) as you may be injured or cause damage to the product because it is not attached to the Lower Tray (Paper Feeder Unit).

3 Regulation notices

About certified model name

This product is certified by the following model name:
KONICA MINOLTA branded model bizhub 5021i, bizhub 4221i,
bizhub 5001i and bizhub 4201i.

EN 60825-1:2014+A11:2021 and EN 50689:2021 (Europe only)

This product is a Class 1 consumer laser product as defined in the
EN 60825-1:2014+A11:2021 and EN 50689:2021 standards.

This product's main intended use is as follows:

- Single-function printer: printing
- Multi-function printer: printing, copying, scanning, faxing*

* The fax function is not available on certain models.

This product has a Class 3B laser diode which emits invisible laser radiation in the laser unit.

The laser unit must not be opened under any circumstances.

Internal laser radiation

Wavelength: 775-800 nm

Output: 25 mW max.

Laser class: Class 3B

CE marking (Declaration of Conformity) for users of the European Union (EU)

Hereby, Konica Minolta declares that the radio equipment types mentioned on the front cover of this manual or/and in clause 1.2 are in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address:

<https://www.konicaminolta.eu/eu-en/support/download-centre>
Choose your product and open the section "Safety Documents".

Maximum radio-frequency power transmitted in the frequency band (EIRP):

Function	Frequency band	Radiation power
Wireless LAN (Models with Wireless LAN function only)	2.4-2.4835 GHz 5.15 GHz to 5.35 GHz (For indoor use only) 5.47 GHz to 5.725 GHz	Max. 20 dBm Max. 23 dBm (For indoor use only) Max. 30 dBm
NFC (Models with NFC function only)	13.553-13.567 MHz	Max. 111.5 dBuV/m

This radio equipment is restricted to indoor use only. Outdoor use is prohibited.

This restriction applies to all the countries listed in the table below.



AT	BE	BG	CH	CY	CZ	DE	DK	EE
EL	ES	FI	FR	HR	HU	IE	IS	IT
LI	LT	LU	LV	MT	NL	NO	PL	PT
RO	SE	SI	SK	TR				

UKCA marking (Declaration of Conformity) for users of the Great Britain

Hereby, Konica Minolta declare that the radio equipment models specified above are in compliance with the essential requirements and other relevant provisions of Radio Equipment Regulations.

The latest version of the Declaration of Conformity is available at our official website.

Maximum radio-frequency power transmitted in the frequency band (EIRP):

Function	Frequency band	Radiation power
Wireless LAN (Models with Wireless LAN function only)	2.4-2.4835 GHz 5.15 GHz to 5.35 GHz (For indoor use only) 5.47 GHz to 5.725 GHz	Max. 20 dBm Max. 23 dBm (For indoor use only) Max. 30 dBm
NFC (Models with NFC function only)	13.553-13.567 MHz	Max. 111.5 dBuV/m

This radio equipment is restricted to indoor use only. Outdoor use is prohibited.

This restriction applies to all the countries listed in the table below.



UK | UK(NI)

Wireless module, MODEL: T99H209

Specifications

Frequency range: 2.4 GHz to 2.4835 GHz (Based on Radio Law of each country)

Maximum radio-frequency power transmitted in the frequency band (EIRP): Max. 20 dBm

Frequency range: 5.15 GHz to 5.35 GHz (For indoor use only)

Maximum radio-frequency power transmitted in the frequency band (EIRP): Max. 23 dBm

Frequency range: 5.47 GHz to 5.725 GHz

Maximum radio-frequency power transmitted in the frequency band (EIRP): Max. 30 dBm

Electromagnetic interference

This product must be used with a shielded interface cable.

The use of non-shield cables is likely to result in interference with radio communications and is prohibited under CISPR and local rules.

GS certification

This device is not intended for use in the direct field of view at visual display workplaces. To avoid incommoding reflexions at visual display workplaces this device must not be placed in the direct field of view.

Laser safety

This is a digital machine which operates using a laser. There is no possibility of danger from the laser provided the machine is operated according to the instructions in the manuals.

Since radiation emitted by the laser is completely confined within protective housing, the laser beam cannot escape from the machine during any phase of user operation.

This machine is certified as a Class 1 laser product per IEC 60825-1: 2014: This means the machine does not produce hazardous laser radiation.

Internal laser radiation

Maximum Average Radiation Power: 28 μ W at the laser aperture of the print head unit.

Wavelength: 775-800 nm

This product employs a Class 3B laser diode that emits an invisible laser beam.

The laser diode and the scanning polygon mirror are incorporated in the print head unit.

The print head unit is NOT A FIELD SERVICE ITEM:

Therefore, the print head unit should not be opened under any circumstances.

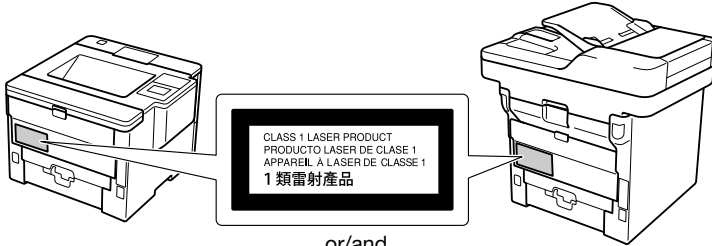
WARNING

Use of controls, adjustments or performance of procedures other than those specified in this manual may result in hazardous radiation exposure.

- This is a semiconductor laser. The maximum power of the laser diode is 25 mW and the wavelength is 775-800 nm.
-

Laser safety label

A laser safety label is attached to the outside of the machine, as shown below.



or/and

complies with 21 CFR 1040.10 and 1040.11
except for conformance with
IEC60825-1 ED.3, as described in laser
notice no. 56, dated May 8, 2019

Ozone release

Locate the Machine in a Well-Ventilated Room

A negligible amount of ozone is generated during normal operation of this machine. An unpleasant odor may, however, be created in poorly ventilated rooms during extensive machine operations. For a comfortable, healthy and safe operating environment, it is recommended that the room be well ventilated.

Changing replaceable lithium batteries used in products

⚠ CAUTION

- RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE USER'S GUIDE.

Acoustic noise

The maximum emitted sound pressure level is 70 dB(A) or less per EN ISO 7779.

RoHS

This product complies with RoHS (2011/65/EU) Directive.

All light sources that are installed in this device are not intended for use in other applications.

USB host

Connect USB devices (Memory, Authentication, Hub etc.) devices directly to the USB host. If an extension cable is used, electromagnetic interference could occur.

ETSI (for bizhub 5021i/4221i)

The Facsimile has been confirmed to meet the standards (or requirements) ETSI for pan-European single terminal connection to the public switched telephone network (PSTN).

IMPORTANT SAFETY INSTRUCTIONS (for bizhub 5021i/4221i)

When using your telephone equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury to persons, including the following:

1. Do not use this product near water, for example, near a bath tub, wash bowl, kitchen sink or laundry tub, in a wet basement or near a swimming pool.
2. Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
3. Do not use the telephone to report a gas leak in the vicinity of the leak.

