

EPSON

SC-V1000 Series

User's Guide

CMP0448-01 EN

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Note for North American and Latin American Users

IMPORTANT: Before using this product, make sure you read the safety instructions in the online *Notices*.

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Notes on Manuals

Meaning of Symbols

This manual uses the following symbols to indicate dangerous operations or handling procedures to prevent harm to users or other people or damage to property. Make sure you understand these warnings before reading the content of this manual.

 Warning:	Warnings must be followed to avoid serious bodily injury.
 Caution:	Cautions must be followed to avoid bodily injury.
 Important:	Important must be followed to avoid damage to this product.
Note:	Notes contain useful or additional information on the operation of this product.
	Indicates related content.

Screenshots

- The screenshots used in this manual may differ slightly from the actual screens.
- Unless otherwise stated, the Windows screenshots used in this manual are from Windows 10.

Illustrations

The illustrations may differ slightly from the model you are using. Please be aware of this when using the manual.

Manual Organization

The manuals for the product are organized as shown below.

You can view the PDF manuals using Adobe Reader or Preview (Mac).

Setup Guide (booklet)	This manual provides information on how to setup the printer after unpacking it from the box. Make sure you read this manual to perform operations safely.
Safety Instructions	This section provides information that must be followed to prevent harm to users or other people or damage to property. Make sure you read this section to perform operations safely and correctly. For some regions, this content is included in the Setup Guide.
Epson Support (PDF)	Provides information about Epson Support for each region.
Online Manual	
User's Guide (this manual)	This manual explains how to use the printer.

Viewing Video Manuals

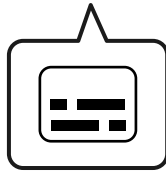
The video manuals have been uploaded to YouTube.

Click **Epson Video Manuals** from the top page of Online Manual, or click the following blue text to view the manuals.

[Epson Video Manuals](#)

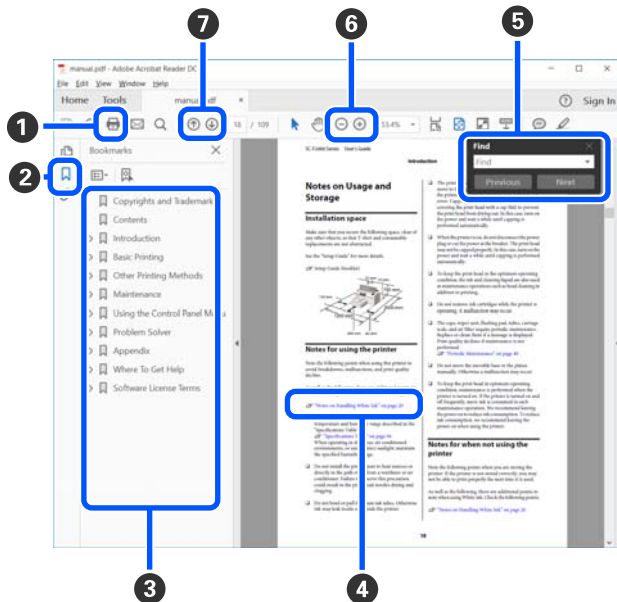
Notes on Manuals

If the subtitles are not displayed when you play the video, click the subtitles icon shown in the image below.



Viewing PDF Manuals

This section uses the Adobe Acrobat Reader as an example to explain the basic operations for viewing the PDF in Adobe Acrobat Reader DC.



- 1 Click to print the PDF manual.
- 2 Each time it is clicked the bookmarks are hidden or shown.

- 3 Click the title to open the relevant page.
Click [+] to open the titles lower in the hierarchy.
- 4 If the reference is in blue text, click the blue text to open the relevant page.

To return to the original page, do the following.

For Windows

While pressing the Alt key, press the ← key.

For Mac

While pressing the command key, press the ← key.

- 5 You can input and search for keywords, such as the names of items you want to confirm.

For Windows

Right click on a page in the PDF manual and select **Find** in the menu that is displayed to open the search toolbar.

For Mac

Select **Find** in the **Edit** menu to open the search toolbar.

- 6 To enlarge the text in the display that is too small to see well, click ⊕. Click ⊖ to reduce the size. To specify a part of an illustration or screenshot to enlarge, do the following.

For Windows

Right click on the page in the PDF manual and select **Marquee Zoom** in the menu that is displayed. The pointer changes to a magnifying glass, use it to specify the range of the place you want to enlarge.

For Mac

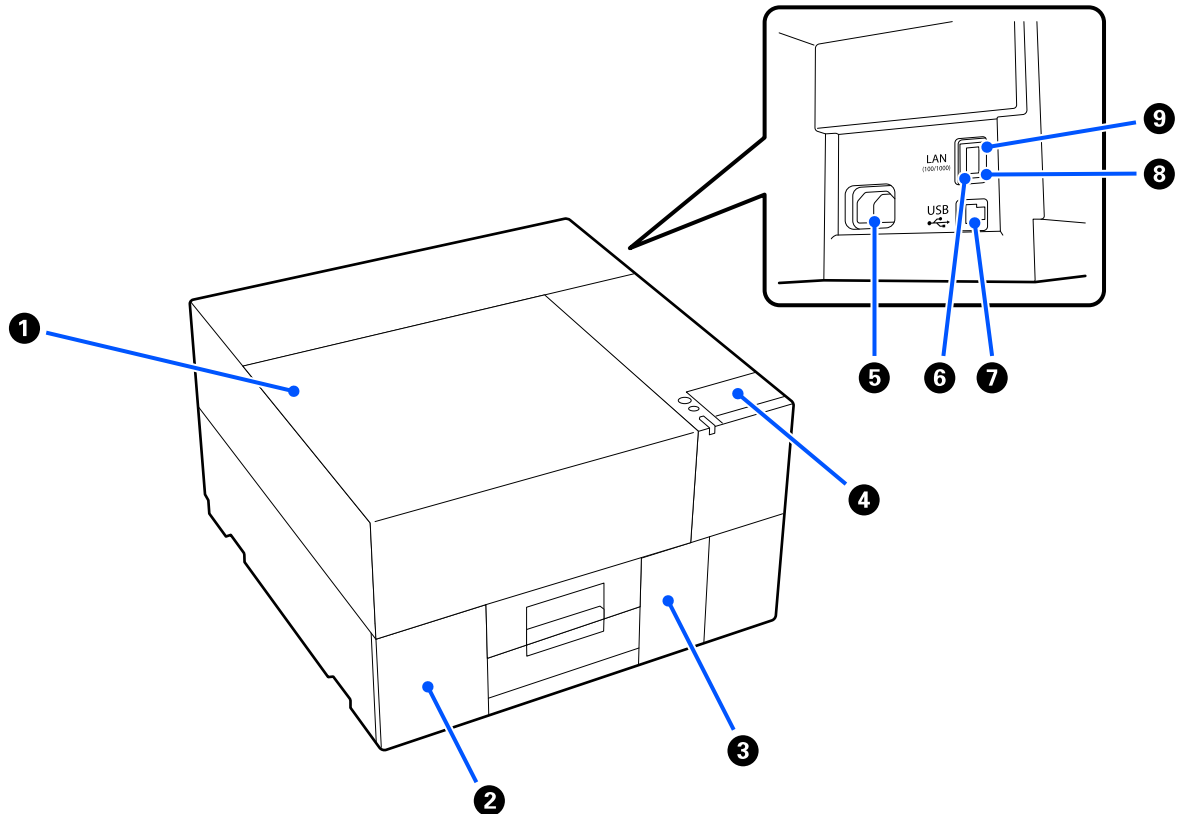
Click **View** menu - **Zoom** - **Marquee Zoom** in this order to change the pointer to a magnifying glass. Use the pointer as a magnifying glass to specify the range of the place you want to enlarge.

- 7 Opens the previous page or next page.

Introduction

Printer Parts

Front and Back



1 Printer cover

Open when loading media, replacing consumables, or cleaning.

Normally closed when using the printer.

2 Ink cover

Open when shaking or replacing the ink supply unit.

 [“Shaking the Ink Supply Units Periodically” on page 67](#)

 [“Replacing Ink Supply Units” on page 64](#)

3 Maintenance cover

Open to replace the wiper unit.

 [“Replacing the Wiper Unit” on page 65](#)

Introduction

④ Control panel

 [“Control Panel” on page 12](#)

⑤ Power connector

Insert the power cable supplied with the printer here.

⑥ LAN port

Connect the LAN cable here. Use a shielded twisted pair LAN cable (category 5e or higher).

⑦ USB port

Connect the USB cable here.

⑧ Data light

Indicates the network connection status and data reception by lighting or flashing.

On : Connected.

Flashing : Connected. Receiving data.

⑨ Status light

Indicates the network transmission speed by the color of the light.

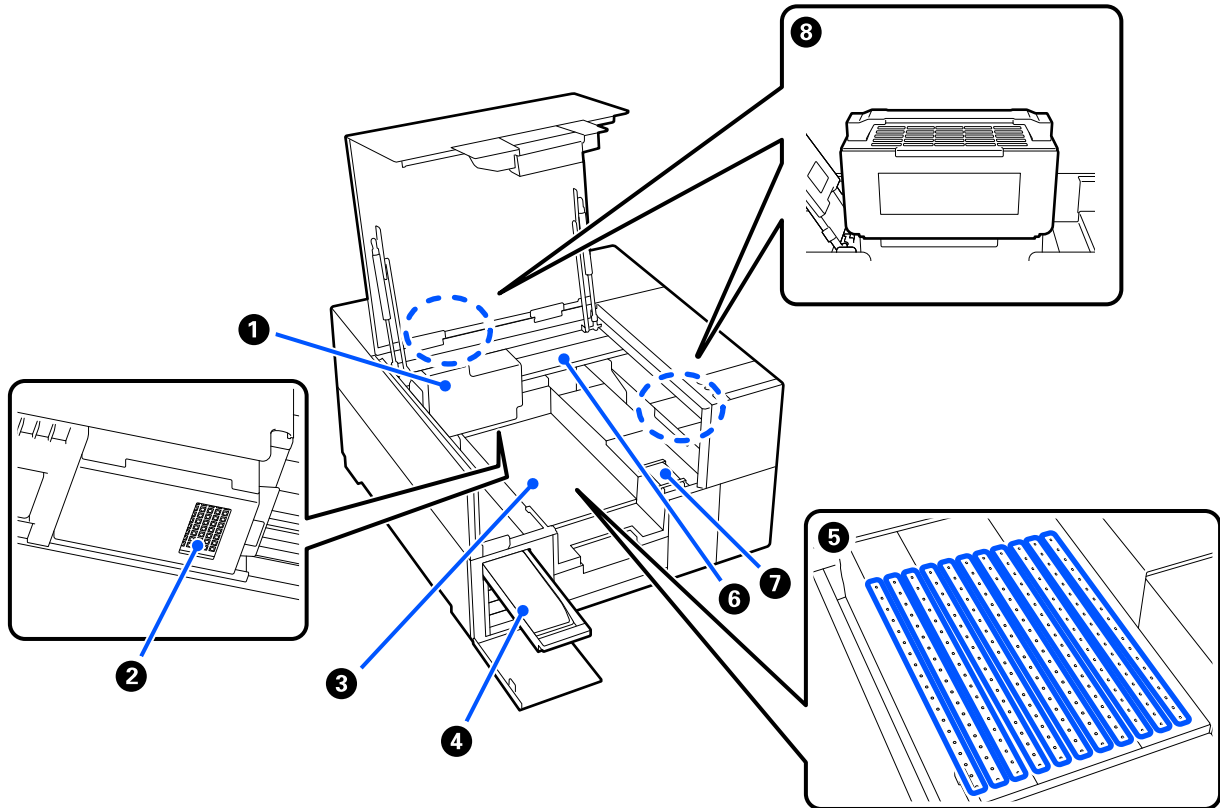
Red : 100Base-TX

Green : 1000Base-T

Introduction

Interior

Dirt on any of the following parts may reduce print quality. Regularly clean and replace these parts as described in the reference pages shown for the following items.


1 Print head

Fires ink via high density nozzles while moving left and right to print.

Do not move the print head by hand.


2 UV light

UV light shines on the ink to cure it during printing. If ink collects on the UV light cover, which is on the face of the lamp, then the ink has trouble curing, so use the scraper provided to clean it at least once a month.

 [“Cleaning the UV Light Cover” on page 63](#)

3 Flatbed

Place the media here.

 [“Loading Media on the Flatbed” on page 56](#)

4 Ink tray

Install the ink supply unit indicated on the label and slide it into the printer.

Insert all of the ink trays into the printer.

Introduction

5 Media suction holes

Air is suctioned in from the suction holes to suction the media.

All of the suction holes must be covered during suctioning.

6 Gantry

Moves the print head from the back of the printer to the front.

**Important:**

Do not apply a load to the top plate part of the gantry. If the top plate is bent or damaged, then normal printing would be impossible.

7 Wiper unit

Used to wipe off the ink that is stuck to the print head nozzles. The wiper unit is a consumable item. Replace it if a message is displayed.

 [“Replacing the Wiper Unit” on page 65](#)

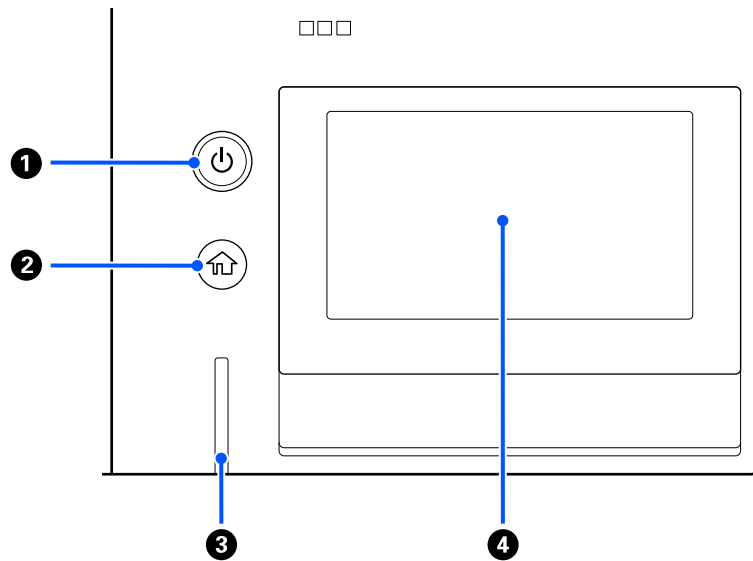
8 Air filters

Absorb the smell that comes from the UV ink. The air filters are consumable parts. Replace them when the smell becomes noticeable. The suggested replacement period is 6 months. Air filters are located at the front and back. Replace both of them.

 [“Replacing Air Filters” on page 66](#)

Introduction

Control Panel



1 Button (power button)

Turns the power on and off.


The ring around the button is a light that indicates the printer's operational status by turning on or flashing.

On : The power is on.

Flashing : The printer is operating such as receiving data or shutting down.

Off : The power is off.

2 Button (Home)

Press this button while a menu is displayed to return to the Home screen. It is turned off when  (Home) cannot be used.

3 **Alert Lamp**

Lights or flashes when an error occurs.

Lights or flashes : An error has occurred. The type of error is indicated by how the lamp lights or flashes.

Check the contents of the error on the control panel's screen.

Off : No error.

4 **Screen**

This is a touch panel that displays the printer's status, menus, and error messages. You can select the menu items and options displayed on this screen by gently touching (tapping) them, and scroll the screen by moving your finger while it remains touching the screen.

 [“Understanding and Operating the Display” on page 13](#)

Understanding and Operating the Display

Notes on Using the Control Panel

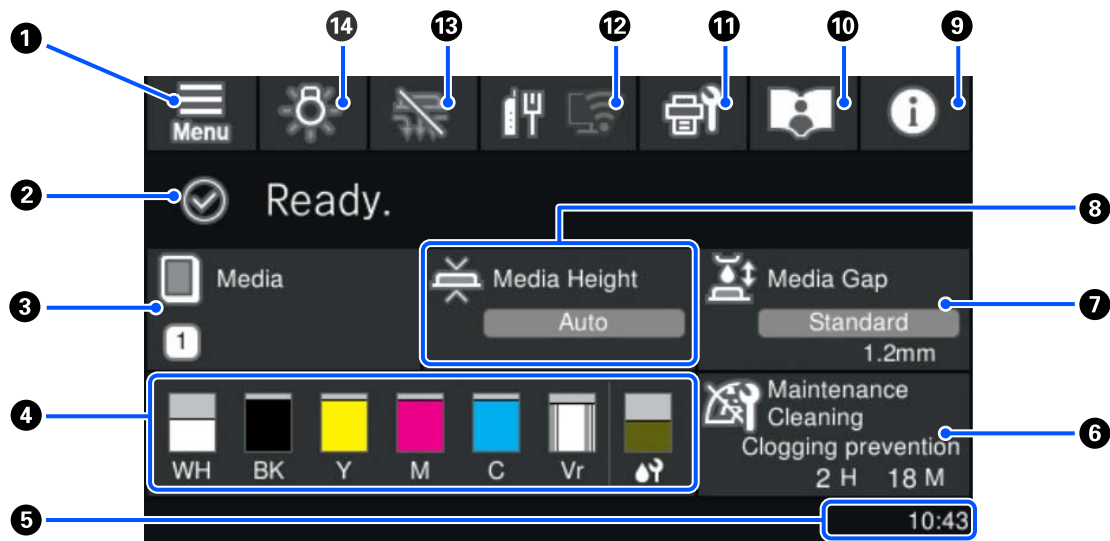
- ❑ Touch the panel with your finger. The panel only reacts when you touch it with your finger.
- ❑ It may not react when operated with something other than a finger, when operated with wet fingers or gloved hands, or when operated when there is a protective sheet or sticker on the panel.
- ❑ Do not operate with pointy objects such as ballpoint pens or mechanical pencils. Doing so may damage the panel.
- ❑ If the panel gets dirty, wipe it clean with a soft cloth. If it is very dirty, soak a soft cloth in a diluted solution of neutral detergent, wring it out thoroughly, wipe off the dirt, and then wipe it with a soft, dry cloth. Do not use volatile chemicals such as thinner, benzene, or alcohol. Doing so may damage the panel surface.
- ❑ Do not use in an environment subject to rapid changes in temperature or humidity. Condensation may form inside the panel, causing the performance to deteriorate.
- ❑ Some pixels on the screen may not be lit or may be lit constantly. Also, due to the characteristics of LCD displays, the brightness may be uneven, but this is not a malfunction.

Screen View

The section describes the three states of the display; the home screen, receiving print jobs, and printing.

Home screen

You can do settings and check the status of the printer.




1 (Menu)

Introduction

Displays the settings menu.

 [“Control Panel Menu” on page 73](#)

2 Status display area

Displays notifications, such as the status of the printer and when to replace consumables. Only the most recent notifications are shown in this area. When multiple errors or warnings have occurred, you can check all the notifications by pressing  (Printer Status) from 9.

3 Media info

Displays the name and number of the currently selected media settings. Press on this area to use Media Management to select a registered media.

4 Status of consumables

The statuses of the ink supply units and wiper unit are displayed as follows. Pressing this area shows the details screen, in which you can check the part numbers for consumables, etc.



Ink supply unit status

Displays the approximate amount of ink remaining. The bar goes lower as the remaining ink runs low. The letters under the bar are abbreviations of the colors. The relation of the abbreviations and the ink colors is shown below.

BK : Black

Y : Yellow

M : Magenta

C : Cyan

WH : White

Vr : Varnish

The icons appear according to the status of the ink supply unit. The meanings of the icons is as follows.



: Ink is low. You need to prepare a new ink supply unit.




: It is time to shake the ink supply unit. Shake the ink supply unit.

 [“Shaking the Ink Supply Units Periodically” on page 67](#)



Wiper unit status

Displays the status of the remaining wiper unit. The bar goes lower according to the status of the remaining wiper unit.

You need to prepare a new wiper unit when the  icon appears.

5 Time

Introduction

Displays the current time.

6 Notice on when to do Maintenance Cleaning

Displays the time remaining until Maintenance Cleaning.

There are the following 2 types of Maintenance Cleaning.

- Periodic stirring: Cleaning to stir up sedimentation in the White ink
- Clogging prevention: Cleaning to prevent hardening of nozzles

Pressing this area displays the screen where cleaning can be performed before the scheduled time. When it is almost time to perform Maintenance Cleaning, performing cleaning before the scheduled time is effective for preventing work from being interrupted.

7 Media Gap

Shows the distance between the media and print head.



Pressing this area displays the setting screen for the **Media Gap**. A Media Gap of 1.2 mm is recommended. A wider Media Gap can cause the nozzles of the print head to clog and cause contamination inside the printer.

8 Media Height

Displays the height for the currently selected media.

Press this area to set whether the media height is obtained by **Auto** or is entered Manually. When **Auto** is set, the media height is measured automatically while printing.

9 (Printer Status)

When there are notifications, such as about running low on consumables,  appears at the top right of the icon, like . Pressing **Message List**, in the screen that appears when this button is pressed, displays a list of notifications for matters that need to be handled. You can check detailed information and the handling procedure for an item by pressing it in the list. Items are deleted from the list as those items are handled.

10 (Link to manual)

A QR code is displayed that allows you to access the Online Manual directly.

Depending on your country or region, you may see a QR code that allows you to directly access Epson Video Manuals.

11 (Maintenance)

The Maintenance menu is displayed on this screen and you can perform operations such as print head maintenance and replacing consumables.

12 (network connection status and network settings)

The network connection status is indicated by an icon as shown below. Pressing this area switches the network connection status.

 [“Changing the Network Connection Methods” on page 33](#)

Introduction



: Not connected to a wired LAN, or the wired LAN or wireless LAN not set



: Wired LAN is connected



: Wireless LAN (Wi-Fi) is disabled



: Searching for SSID, IP address not set, or signal strength is 0 or poor



: Wireless LAN (Wi-Fi) is connected

The number of lines shows the status of the signal. More lines indicate a better signal status.



: Wi-Fi Direct (simple AP) connection disabled



: Wi-Fi Direct (simple AP) connection enabled

13 (suction of media)

Air suction is used to prevent the media from shifting on the flatbed during printing. Use this when placing thing media on the flatbed.

The icon changes as follows according to the suction status.



: Suction is on. Pressing it in this state turns suction off.



: Suction is off. Pressing it in this state turns suction on.

 [“Loading Media on the Flatbed” on page 56](#)

14 (Inside light)

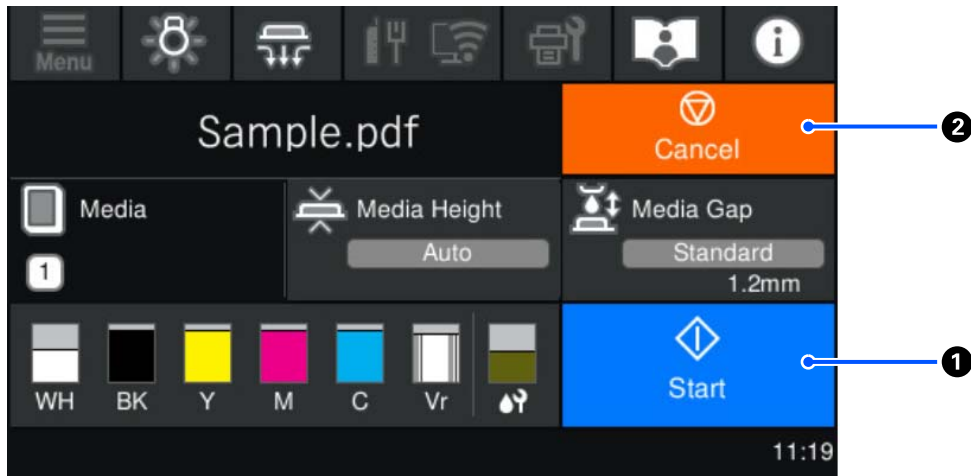
Switches the internal lamp on or off. Press this button to turn off the inside light, when it is on. Pressing it while the inside light is off, turns it on. It may not light, even if you turn it on, depending on the state of printer operations.

When receiving print jobs

When a print job is sent to the printer, the following screen is displayed.

Introduction

This section explains only the differences from other screens.



1 (Start)

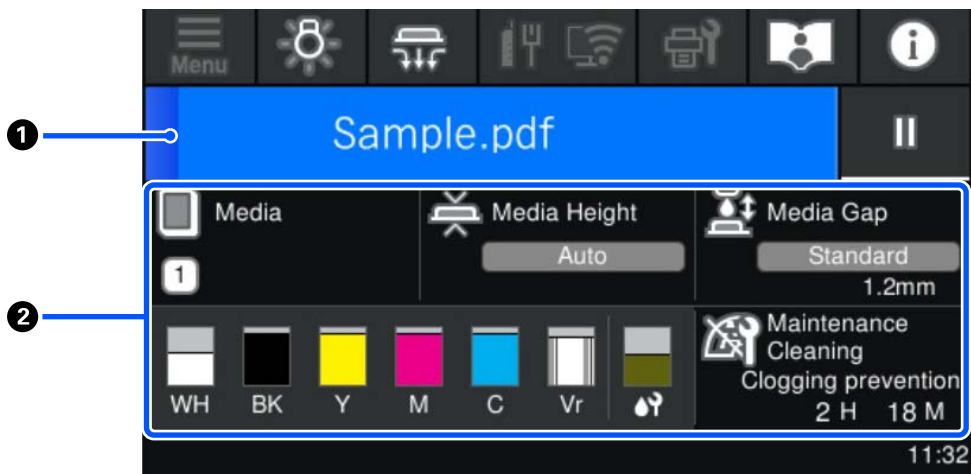
Press this area to start printing.

2 (Cancel)



If you press this area, the Cancel Job confirmation screen is displayed. You can cancel the current print process by selecting **Yes** and pressing **OK**.

While printing

Starting printing switches to the following screen. This section explains only the differences from other screens.



1 **Status display area**

- ❑ The color gradually changes from the left edge to the right edge of the area to show the progress of printing. When doing multi-layer printing, it shows the progress of each layer as it is printed.
- ❑ The  (pause) icon is displayed on the right edge of the area. This is the same operation as when  is displayed on screen after a print job is received.

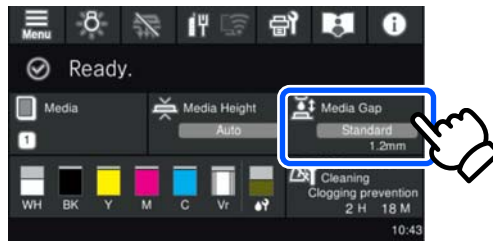
Introduction

2 Setting/status confirmation area

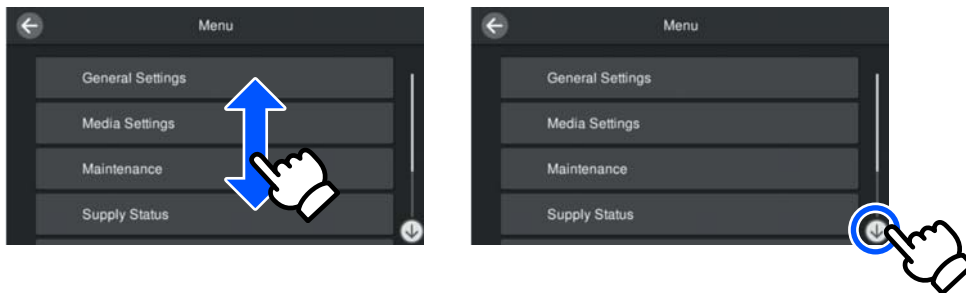
Displays the settings of the printer and the print job that is currently printing. The settings cannot be changed while printing.

Operating Procedure

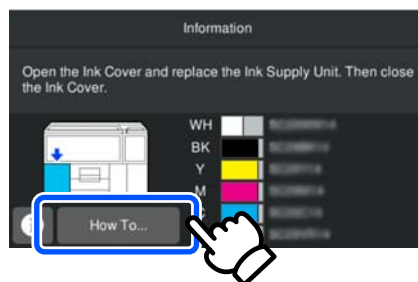
The operation areas are gray tiles in the home screen, print job receiving and printing screen. Pressing them changes the screens and settings. The area with a black background is the display area. It does not respond if you press it.



Operation areas do operations when pressed. As shown below, when a scroll bar is displayed, you can scroll the screen by moving (sliding) your finger up and down on the screen. You can also scroll by pressing on the up and down icons on the scroll bar.



When there is a **How To...** button, such as in a message screen, you can press this button to look at a guide for the operating procedure.



Notes on Usage and Storage

Appropriate Table and Location for Installation

The printer should be installed on a table or other stand that satisfies the following conditions.

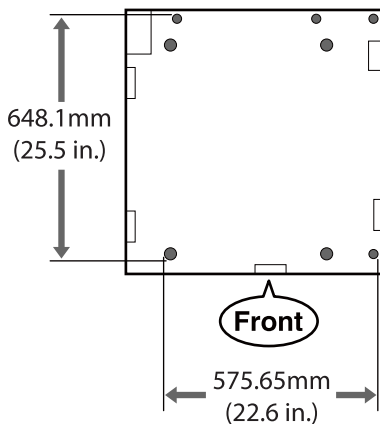
Refer to the Specifications Table for the temperature, humidity, and other environmental conditions suitable for using the printer.

 "Specifications Table" on page 104

Appropriate table for installation

The printer needs one that meets the following conditions.

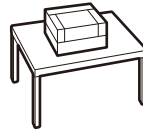
- Must be larger than the distances between the rubber feet shown in the illustration of the bottom



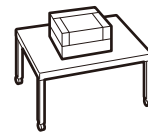
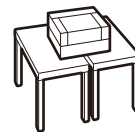
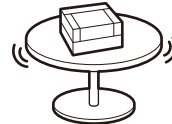
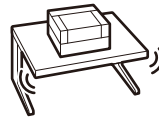
- Height 600 to 800 mm, depth greater than 700 mm

- Able to withstand a load of 100 kg or more without wobbling

OK



NO

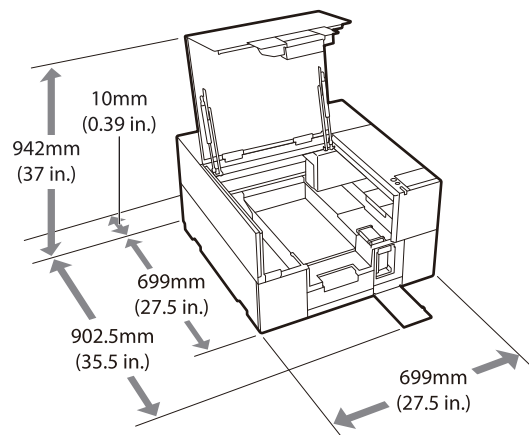


- Level top plate with no unevenness or warping. During installation, do not put anything between the top plate and the printer. If the surface is uneven or there are unnecessary things in the way, the ventilation openings on the bottom may be blocked, or loads may be applied to points other than the rubber feet, which may cause the printer to malfunction.

Appropriate location for installation

Install the printer in a location as described below.

- Location should be level with the dimensions shown in the illustration, and not subject to vibrations



- Location should have a dedicated electric outlet
- Location should have ventilation facilities (recommended)


Introduction



Notes for Using the Printer

Note the following points when using this printer to avoid breakdowns, malfunctions, and print quality decline.

There are other precautions for using White ink, in addition to those in this section. Check the following.

 [“Notes on Handling White Ink” on page 22](#)

- ❑ The UV ink used in the printer will cure when exposed to sunlight or fluorescent lights. Do not use the printer in direct sunlight. Doing so could cause the print head nozzles to clog.
- ❑ When using the printer, observe the operating temperature and humidity range described in the "Specifications Table".
 [“Specifications Table” on page 104](#)
When operating in dry areas, or in air conditioned environments, be careful of dryness and maintain the specified humidity range.
- ❑ Do not install the printer next to heat sources or directly in the path of air from a ventilator, air conditioner, or treatment machine. Failure to observe this precaution could result in the print head nozzles drying and clogging.
- ❑ Turning off the power while an error has occurred could cause the print head nozzles to clog. In this situation, turn the power on again. After a while, maintenance will be executed automatically.
- ❑ When the power is on, do not remove the power plug or cut the power at the breaker. Doing so could cause the print head nozzles to clog. In this situation, turn the power on again. After a while, maintenance will be executed automatically.
- ❑ Even when the printer is not in use, some ink will be consumed for all colors by print head cleaning and other maintenance operations needed to keep the head in good condition.
- ❑ Do not remove ink supply units while the printer is operating. A malfunction may occur.

- ❑ Maintenance, such as cleaning and replacing consumables, must be performed according to usage frequency or at recommended intervals. Print quality declines if maintenance is not performed.
 [“Maintenance” on page 59](#)
- ❑ To keep the print head in optimum operating condition, maintenance is performed when the printer is turned on. If the printer is turned on and off frequently, more ink is consumed in each maintenance operation. We recommend leaving the power on to reduce ink consumption.
- ❑ Due to the characteristics of UV ink, situations in which UV light is prone to reflect back onto the print head, such as caused by uneven surfaces on the media or the jig that holds the media, may cause clogging of the nozzles as a result of this effect of the surface conditions.
Before you start to print, confirm that the nozzles are not clogged. Furthermore, do not print on metallic media or mirrors.
- ❑ When printing on multiple pieces of media side by side, fill in the gaps between the media. Leaving gaps between the media could cause the nozzles to clog.
See the following for precautions when using a jig.
 [“Notes on Loading Media” on page 55](#)
- ❑ The flatbed of the printer can support a media weight of up to 3 kg (including the jig), but note the following points because this load capacity is for a uniform load.
 - ❑ Do not apply any localized loads
 - ❑ Do not leave the jig installed except while printing
- ❑ The printer is a precision machine, so do not subject it to excessive force or shocks. Also, do not carelessly put your hands into the printer, such as in the covers or the holding slots for the ink supply units.


Notes for When Not Using the Printer

Note the following points when you are storing the printer. If the printer is not stored correctly, you may not be able to print properly the next time it is used.

Introduction

There are other precautions for using White ink, in addition to those in this section. Check the following.

 [“Notes on Handling White Ink” on page 22](#)

- ❑ Maintenance before long-term storage (2 weeks or more) is required if the printer will not be used for an extended period of time. Contact your dealer or Epson Support.
- ❑ If you do not do pre-storage maintenance before putting the printer in long-term storage, and it is just not being used for a long time, then turn it on at least once every 14 days.
If you do not print for a long time, the print head nozzles may become clogged. Maintenance cleaning is performed automatically after the printer is turned on and started. Maintenance cleaning prevents clogged print head and maintains print quality. Do not turn the printer off until maintenance cleaning is complete.
- ❑ If you do not use the printer for a long time, make sure you check for clogged nozzles before printing. If clogged nozzles are detected in the print head, perform print head cleaning.
 [“Checking for Clogged Nozzles” on page 68](#)
- ❑ Confirm that the print head is on the right side at the back before storing the printer. If the print head is not on the right side at the back, then turn the printer on, confirm that the print head has moved to the right side at the back, and then turn printer off again.
- ❑ Close all covers when storing the printer to prevent dust and other foreign matters getting in. If the printer will be not be used for an extended period, protect it with an anti-static cloth or other cover.
The print head nozzles are very small, and they can become clogged easily if fine dust gets on the print head, and you may not be able to print properly.

Notes on Handling Ink Supply Units

Read the safety data sheet before use.

You can download it at your local Epson Web site.


Note the following points when handling ink supply units to maintain good print quality.

There are other precautions for using White ink, in addition to those in this section. Check the following.

 [“Notes on Handling White Ink” on page 22](#)



- ❑ When installing ink supply units for the first time, a lot of ink is consumed to fill all parts of print head nozzles to get the printer ready for printing. Prepare replacement ink supply units well in advance.
- ❑ Do not leave the ink supply units in direct sunlight or fluorescent light while they are outside of the printer. When opened, always store ink supply units in the box, or in a lightproof bag, in a cool, dark place.
- ❑ Store unopened ink supply units at room temperature and out of direct sunlight.
- ❑ To ensure print quality, we recommend using all the ink in the ink supply units before the earlier of the following dates:
 - ❑ The expiry date shown on the packaging
 - ❑ One year from the day they are inserted into the ink trays
- ❑ Ink supply units that have been stored at low temperatures for an extended period should be allowed to return to room temperature over a period of three hours.
- ❑ Do not touch the IC chip on the ink supply unit. Doing so may prevent normal operation and printing.
- ❑ Printing is not possible unless ink supply units are installed in all of the ink trays in the printer.
- ❑ Do not leave the printer without ink supply units installed. The ink in the printer may dry, preventing it from printing as expected. Leave ink supply units inserted in all ink trays, even when the printer is not in use.
- ❑ The ink level and other data are stored in the IC chip, allowing ink supply units to be used after being removed and replaced.
- ❑ To avoid getting dirt on the ink supply port, store the removed ink supply units properly. The port does not need to be capped since there is a valve inside.

Introduction

- ❑ Removed ink supply units may have ink around the ink supply ports, so be careful not to touch the ink supply ports when removing the ink supply units.
- ❑ To maintain the quality of the print head, this printer stops printing before ink supply units are completely expended.
- ❑ Although the ink supply units may contain recycled materials, this does not affect printer function or performance.
- ❑ Do not dismantle or remodel ink supply units. You may not be able to print properly.
- ❑ Do not drop or knock an ink supply unit against hard objects; Doing so may cause liquid to leak from the ink supply unit.
- ❑ Ink supply units (except for WH) that have been loaded in the printer must be removed and thoroughly shaken once every two weeks. WH must be removed and thoroughly shaken every day before starting printing work. You do not need to shake the Vr. Shaking method  “Shaking the Ink Supply Units Periodically” on page 67

Notes on Handling White Ink

A characteristic of White ink is that it sediments easily (ink particles sink to the bottom of the liquid). If the ink is used while in this state, print quality may decline or the printer may malfunction. Note the following points to use the printer under optimum conditions.

- ❑ Ink supply units that have been installed must be removed and thoroughly shaken before starting work and once every 24 hours (when a message is displayed).
 “Shaking the Ink Supply Units Periodically” on page 67
- ❑ Print quality may decline due to the ink's components sedimenting in the ink tubes. See the following if the white is lighter than the original white or if the white is uneven in the print results.
 “White is lighter than the original white or the white is uneven” on page 94

- ❑ When storing ink supply units, place them down flat (keep them level). If ink supply units are stored standing upright, you may not be able to clear the sedimentation even by shaking them.

Handling Media

Note the following when handling or storing media. Media that are in poor condition will not produce good quality prints.

Notes on Handling

- ❑ Before printing on media that is prone to static electricity, the static electricity should be eliminated.
- ❑ Before printing, make sure the surfaces are clean.
- ❑ Some media cannot be printed on this printer, depending on the media's material. Before a production run, always test print on the same media as the production media to check the print quality.
- ❑ Be careful not to fold sheet media or damage the printable surface.
- ❑ Keep the media dry.
- ❑ Avoid locations that are subject to direct sunlight, excessive heat, or humidity.
- ❑ When storing media that is prone to warping, placing the media on a flat surface that is smaller than the media may help reduce warping of the media. Also, if warped media is placed on the flatbed, the media may not be suctioned correctly.
- ❑ Sheet media may expand or contract due to the temperature and humidity of the room, so do not use media immediately after opening the package. After opening the package, leave the media near the printer for at least 30 minutes before loading it into the printer.
- ❑ Do not use warped media. Contact between the print head and the media can cause the nozzles to clog. When printing on warped media, use masking tape to tape the edges down so they do not lift up during printing.

Handling Media After Printing

To maintain long lasting, high quality print results, note the following points.

- ❑ Do not rub or scratch the printed surface. If they are rubbed or scratched, the ink may peel off.
- ❑ Do not touch the printed surface, as this may remove the ink.
- ❑ Do not fold the printed surfaces. The cured parts could break off.
- ❑ On some media, the ink may not fully cure. If this happens, after printing with Epson Edge Print Pro, set **Single Layer (UV Light Irradiation Only)** in **Number and Order of Layering** to apply additional UV lamp irradiation without printing. See the Epson Edge Print Pro manual for more details.

Supported Media

The following media can be loaded on the flatbed of the printer.

Media thickness	70 mm (2.75 inches) or less
Media weight	3 kg (6.61 pounds) (including jig)
Maximum size	299 x 212 mm (11.77 x 8.34 inches)

See the following regarding some types of media that are not suitable for printing.

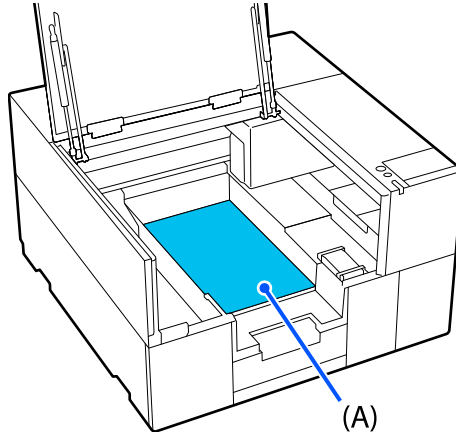
 [“Notes on Loading Media” on page 55](#)

See the following section for the flatbed specifications.

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Flatbed Specifications

Confirm the following before putting media or jigs on the flatbed (A) in the printer.

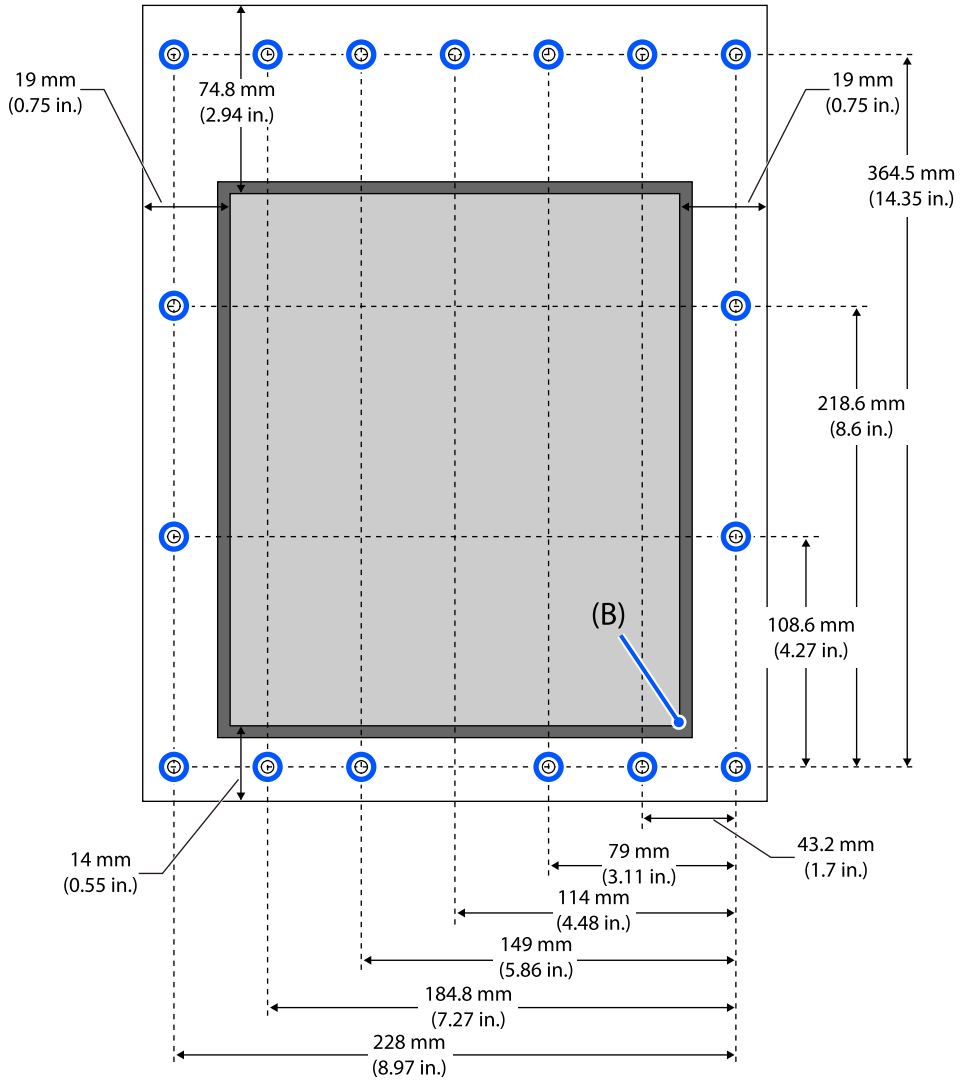


The illustration below shows an image of the surface of the flatbed. The following table shows the size of the flatbed and the printable area.

Flatbed size	387.8 x 250 mm (15.26 x 9.84 inches)
Printable Area	299 x 212 mm (11.77 x 8.34 inches)

- (B) indicates the origin.
-  indicates the printable area.
-  indicates the groove.
- Jigs can be set, but printing cannot be done, outside the printable area. In the illustration below, the  indicate the locations of holes that can be used to attach jigs, etc. The dotted lines in the illustration below connect the centers of the holes. The diameter of the holes is 18-Φ6±0.05 mm.

Introduction



Introduction

Software Supplied

The software for the printer is provided using different methods and with different content for Windows and Mac.

 [“Software Supplied \(Windows\)” on page 26](#)

 [“Software Supplied \(Mac\)” on page 27](#)

Note:

Printer drivers are not provided. A software RIP is required for printing. “Epson Edge Print Pro”, Epson’s software RIP for Windows, is supplied with the printer.

The Epson web site provides supported plug-in software for the printer.

<https://www.epson.com>

Software Supplied (Windows)

The software to help you get the best out of the printer is available on the following optical discs supplied with the printer, or at epson.sn (web site). There is also software pre-loaded in the printer.

Epson Edge Print Pro (provided on the optical discs supplied with the product)

Epson Edge Print Pro is RIP software that is easy to use with straightforward operations.

It is installed via the internet. See the *Setup Guide* (booklet) for installation instructions.

When you install Epson Edge Print Pro, Epson communications drivers and Epson Edge Dashboard are installed as well.

 [“Using Epson Edge Print Pro \(Windows Only\)” on page 28](#)


Software Provided at epson.sn

The basic software is available at epson.sn (website). Install it from <https://epson.sn>.

For more information on each software application, see the online help for each software application.

Software Name	Summary
EPSON Software Updater	<ul style="list-style-type: none"> <input type="checkbox"/> The software checks if new software or update information is available on the Internet and installs it. You can also update the manuals for the printer. <input type="checkbox"/> Notifies you when a printer firmware update is available. You can download and update the latest firmware by following the wizard.
Epson communications drivers	Epson communications drivers are required when using Epson Edge Dashboard or Epson Edge Print Pro, or when using a commercial RIP to connect a computer and the printer by USB. Make sure these are installed.
EpsonNet Config SE	With this software, you can configure various network settings for the printer from your computer. This is useful as it allows you to enter addresses and names using the keyboard.

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Software Name	Summary
Epson Edge Dashboard	<p>After installation, it operates as resident software. It provides the following control operations for Epson printers.</p> <ul style="list-style-type: none"> <input type="checkbox"/> You can receive notifications on updating the printer firmware, and update the firmware. <input type="checkbox"/> You will receive updates for your installed software and manuals from epson.sn (you can easily update them by launching EPSON Software Updater when the updates arrive). <input type="checkbox"/> Notifies you of the status of registered printers when you are using a commercial software RIP. <input type="checkbox"/> With Epson Edge Dashboard installed, you can monitor the status of the printer connected to a computer over a network or USB connection. <p> "Using Epson Edge Dashboard" on page 28</p>

Web Config (pre-loaded in the printer)

This software is pre-installed on the printer. You can start it from a web browser via a network.

This software is for network administrators.

You can configure the network security settings from Web Config. It also provides an e-mail notification function to inform you when errors and so on occur in the printer.

 ["Using Web Config" on page 30](#)

Software Supplied (Mac)

The optical disc supplied is for Windows only. The following two types of software are supplied for Mac.

Epson Edge Dashboard (available on the Epson web site)

After installation, it operates as resident software. The following features are available.

- You can receive notifications on updating the printer firmware, and update the firmware.
- Notifies you of the status of registered printers when you are using a commercial software RIP.
- You can monitor the status of the printer connected to a computer with Epson Edge Dashboard installed over a network or USB connection.

 ["Using Epson Edge Dashboard" on page 28](#)

Web Config (pre-loaded in the printer)

This software is pre-installed on the printer. You can start it from a web browser via a network.

This software is for network administrators.

You can configure the network security settings from Web Config. It also provides an e-mail notification function to inform you when errors and so on occur in the printer.

 ["Using Web Config" on page 30](#)

Using Epson Edge Print Pro (Windows Only)

Starting Procedure

The application can be launched using any of the following methods.

- Double click the shortcut icon created on the desktop.
- Click the Windows Start button - **All Programs - Epson Software - Epson Edge Print Pro.**

For more information, see the Epson Edge Print Pro online help.

Closing Procedure

Select **Done** from **File** at the top left of the screen.

Using Epson Edge Dashboard

Note:

This software is updated as necessary to improve usability and enhance functions. For detailed information, see the manual for the software.

Starting Procedure

Epson Edge Dashboard is a Web application.

- 1** The application can be launched using the following methods.

Windows

Click the **Epson Edge Dashboard** icon on the desktop toolbar, and select **Show Epson Edge Dashboard.**



Mac

Click the **Epson Edge Dashboard** icon displayed on the menu bar of the desktop, and select **Show Epson Edge Dashboard.**



- 2** Epson Edge Dashboard starts.

Registering the Printer

Epson Edge Dashboard can monitor and manage registered printers as well as copy media settings to them.

On Windows, printers are registered automatically. This allows you to monitor and manage them immediately after starting the Epson Edge Dashboard. If your printer is not automatically registered, check that you are using it under the following conditions, and then register it manually.

- A communication driver provided with the printer has been installed on a computer
- The computer and printer are connected
- The printer is on standby

Printers are not automatically registered to your Mac. When you start Epson Edge Dashboard for the first time, register your printer manually on the Printer Registration screen displayed.

Manual registration procedure

- 1** Check the printers displayed on the printer list.

Windows

Make sure that the printer you want to register is on the printer list. Click **Add Search** as needed to search for printers you can register. Any printers that are found are added to the printer list.

Mac

- If your computer and printers are connected via USB
Click **Add Search** to place the printers on the list.

Introduction

- ❑ If your computer and printers are connected via a network
Click **Search Option**, enter the IP address of the printer on the network, and click **+**.
Next, click **Add Search** to place the printer you want on the list.

2 Place a **✓** beside the **Printer Name** of the printer you want to register.

3 Click **Apply**.
The changes made to the printer list are applied.

Closing Procedure

Close the Web browser.

Using EPSON Software Updater (Windows Only)

Note:
EPSON Software Updater is not available in all regions.

Checking Software Update Availability

- 1** Check the following status.
- ❑ The computer is connected to the Internet.
 - ❑ The printer and the computer can communicate.


2 Start EPSON Software Updater.
Windows 8.1

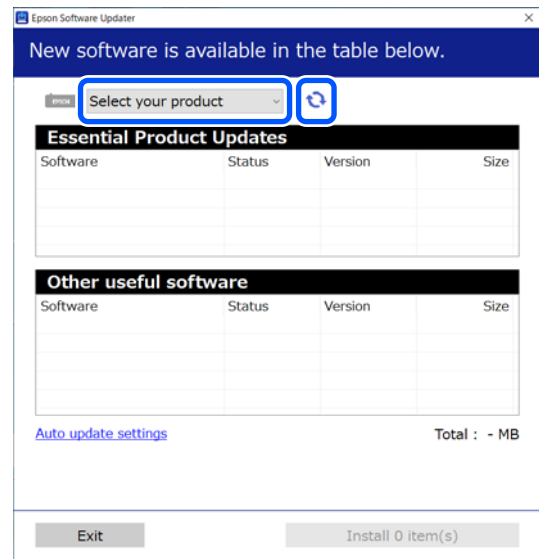
Enter the software name in the search charm, and select the icon displayed.

Except for Windows 8.1

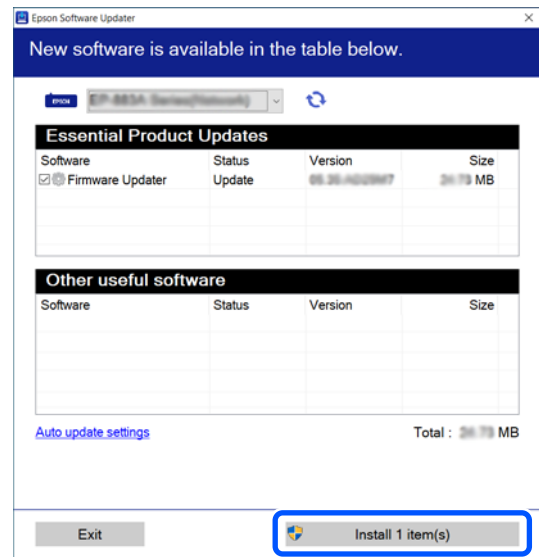
Click the Start button - **All Programs** (or **Programs**) - **Epson Software** - **EPSON Software Updater**.

Note:
*You can also start by clicking the printer icon on the desktop taskbar and selecting **Software Update**.*

3 Select your printer, and then click  to check for the latest software.



4 Select the software and manuals you want to update, and then click the Install button to start the installation.



When Firmware Updater is displayed, the latest firmware is available. Select Firmware Updater and click the Install button to automatically start Firmware Updater and update the printer firmware.

Follow the on-screen instructions.

Introduction

Important:

Do not turn off the computer or printer while updating.

Note:

Software that is not displayed in the list cannot be updated using EPSON Software Updater. Check for the latest versions of the software from the Epson Web site.

<https://www.epson.com>

Receiving Update Notifications

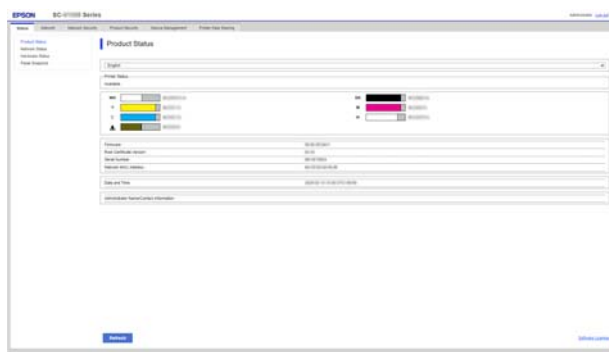
- 1 Start EPSON Software Updater.
- 2 Click **Auto update settings**.
- 3 Select an interval for checking for updates on the printer's **Interval to Check** box, and then click **OK**.

Using Web Config

This section describes how to start the software and provides a summary of its functions.

Function Summary

This section introduces the main functions of Web Config.



For standard users

The following information can be viewed by anyone simply by entering the printer's IP address.

- ❑ The status of the printer, such as the amount of ink remaining
- ❑ The content of network settings (settings cannot be changed)


For administrators

The following functions are also available when logged on as an administrator.

- ❑ You can check the printer's firmware version.
- ❑ Configure the printer's network settings and advanced security settings, such as SSL/TLS communication, IPsec/IP filtering, and IEEE802.1X, which cannot be configured with the printer alone.

Starting Procedure

Start the software from a web browser on a computer or smart device that is connected to the same network as the printer.

- 1 Press , and then press in the order of **General Settings - Network Settings - Advanced - TCP/IP** to check the IP address of the printer.

Note:

The IP address can also be checked by printing a network connection check report. A report can be printed by touching the following in order from the Home screen.

 - **General Settings - Network Settings - Network Status - Print Status Sheet**

- 2 Start a Web browser on a computer or smart device connected to the printer via the network.
- 3 Enter the IP address of the printer in the address bar of the Web browser and press the **Enter** or **Return** key.

Format:

IPv4: `http://IP address of printer/`

IPv6: `http://[IP address of printer]/`

Example:

IPv4: `http://192.168.100.201/`

IPv6: `http://[2001:db8::1000:1]/`

Introduction

To log on as an administrator, proceed to the next step.

- 4 Click **Log in** at the top-right of the screen, enter your **User Name** and **Current password**, and then click **OK**.

When logging on for the first time, leave User Name blank, just enter the initial password in Administrator Password, and then click OK.

 [“Checking the Initial Password” on page 32](#)

Closing Procedure

Close the Web browser.

Uninstalling Software

Important:

- Log into a "Computer administrator" account (an account with administrative privileges).
- Enter the administrator password when prompted and then proceed with the remainder of the operation.
- Exit any other applications that may be running.
- If you are reinstalling the Epson communications drivers after removing them, restart the computer.

Windows

This section explains how to uninstall the Epson communications drivers using them as an example. We recommend that you turn off the printer and disconnect the cables connected to the computer before you start work.

Windows 11

- 1 Click the Start button - **Settings**.
The **Settings** screen is displayed.

- 2 Click **Apps** from the menu on the left side of the screen.

- 3 Click **Apps & features** (or **Installed apps**).

- 4 Click the **SC-V1000 Series Comm Driver** menu button from the list, and then select **Uninstall** from the menu.

Follow the on-screen instructions to continue.

When the confirmation message appears, click **Yes**.

Except for Windows 11

- 1 Display the Control Panel, and then click **Uninstall a program**.

- 2 Select the **SC-V1000 Series Comm Driver** from the list, and then click **Uninstall**.

Follow the on-screen instructions to continue.

When the confirmation message appears, click **Yes**.

Mac

The following describes how to remove Epson Edge Dashboard.

- 1 Close **Epson Edge Dashboard**.

- 2 Double-click **Applications - Epson Software - Epson Edge Dashboard - Epson Edge Dashboard Uninstaller**.

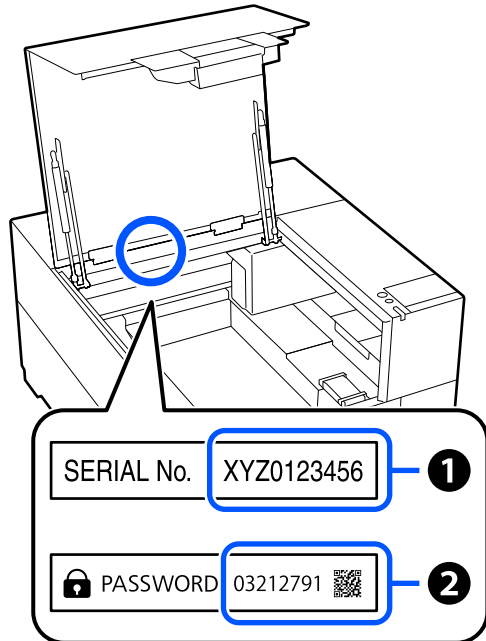
Follow the on-screen instructions to continue.

Notes on the Administrator Password

The initial password for each printer is different when the printer is shipped from the factory. We recommend that you do not continue to use the initial password when you start using the printer; change it to a password of your choice.

Checking the Initial Password

The initial administrator password is on the label attached to the left edge inside the printer cover.



- ❑ If there is only one label: The value for SERIAL No. on the label in ① is the initial password. (In the example in the illustration, the initial password is "XYZ0123456".)
- ❑ If there are two labels: The value for PASSWORD on the label in ② is the initial password. (In the example in the illustration, the initial password is "03212791".)

Changing the Password

- 1 Start Web Config and log on as an administrator.
 ↗ ["Starting Procedure" on page 30](#)
- 2 Click the **Product Security** tab, then **Change Administrator Password**, in this order.
- 3 Enter the **Current password** and the **New Password**, and then click **OK**.
 Set a **User Name** as needed.

Important:

If you forget the password, contact your dealer or Epson Support.

Changing the Network Connection Methods

Changing the Network Connection Methods

The printer can connect to a wired LAN or a wireless LAN. Furthermore, it also supports Wi-Fi Direct (Simple AP) which allows a computer to directly connect wirelessly with the printer even when there is no wired LAN or wireless LAN environment.

The printer cannot connect to a wired LAN and wireless LAN at the same time. A Wi-Fi Direct connection is possible regardless of whether or not the printer is connected to a network.

This section describes the procedures to use to switch the connection method.

Switching to Wired LAN

- 1 Press  on the Home screen.

Note:

The shape and color of the icon differ depending on the connection status.

[☞ “Understanding and Operating the Display” on page 13](#)

- 2 Press **Description**.

- 3 Press **Wired LAN Setup**.

- 4 The process to disable the wireless LAN connection with the access point starts. Wait until **The Wi-Fi connection is disabled** is displayed.

- 5 Connect your router and the printer with a LAN cable.

See the following for the location of the printer's LAN port.

[☞ “Front and Back” on page 8](#)

Switching to Wireless LAN

The SSID (network name) and password of the access point to which the printer is to be connected are required. Confirm them in advance. The printer can be connected to a wireless LAN while the LAN cable is still connected.

Note:

If your access point supports WPS (Wi-Fi Protected Setup), the printer can be connected using **Push Button Setup (WPS)** or **PIN Code Setup (WPS)** without using an SSID and password.

- 1 Press  on the Home screen.

Note:

The shape and color of the icon differ depending on the connection status.

[☞ “Understanding and Operating the Display” on page 13](#)

- 2 Press **Router**.

- 3 Press **Change to Wi-Fi connection..**

Details of the wired LAN connection status are displayed.

- 4 Check the displayed message, and then press **Yes**.

- 5 Press **Wi-Fi Setup Wizard**.

- 6 Select the desired SSID.

If the desired SSID is not displayed, press **Search Again** to update the list. If it is still not displayed, press **Enter Manually** and directly enter the SSID.

Changing the Network Connection Methods

- 7** Press **Enter Password** and enter the password.

Note:

- Differentiate between uppercase and lowercase when entering the password.
- If the SSID was entered directly, set **Password** to **Available** before entering the password.

- 8** When input is finished, press **OK**.

- 9** Check the settings and then press **Start Setup**.

- 10** Press **OK** to finish the procedure.

If the connection fails, select **Connection Check**. You can check the action to take on the screen.

 [“Checking the Network Connection Status” on page 35](#)

- 11** Close the Network Connection Settings screen.

Directly Connecting Wirelessly (Wi-Fi Direct)

A direct connection with the printer can be established temporarily when, for example, the printer is not connected to a network or you do not have permission to log on to the network.

Wi-Fi Direct is disabled by default. The following describes the procedure from enabling Wi-Fi Direct to connecting.


Note:

The printer can connect with up to eight computers at the same time. If you want to connect another device when there are already eight devices connected, disconnect the connection to the printer from a device that is already connected.

- 1** Press  on the Home screen.

Note:

The shape and color of the icon differ depending on the connection status.

 [“Understanding and Operating the Display” on page 13](#)

- 2** Press **Wi-Fi Direct**.

When Wi-Fi Direct is already enabled, the network (SSID), password, number of connected devices, and so on are displayed. Go to step 5.

Note:

If a part of the displayed network (SSID) or device name, and so on cannot be seen because it is cut off at the right edge of the screen, press the corresponding item to display the entire setting value.

- 3** Press **Start Setup**.

- 4** Press **Connect to Computer**.

- 5** Press **Start Setup**.

Wi-Fi Direct is enabled, and the network (SSID) and password are displayed.

- 6** Open the Wi-Fi setting screen on the device you want to connect with the printer, select the SSID displayed on the screen of the printer, and enter the password just as it is displayed on the screen.

- 7** When a connection is established, press **Complete** to finish the procedure.

- 8** Press **Close** on the screen of the printer to close the network connection settings screen.

Note:

When you turn off the power of the printer, the connections with connected devices are all disconnected. To reconnect after turning the printer back on, perform the procedure again from step 1.

Changing the Network Connection Methods


Checking the Network Connection Status

You can display the connection status between the printer and the wireless LAN router (access point) on the printer's screen.

- 1 Press  on the Home screen.

Note:

The shape and color of the icon differ depending on the connection status.

 ["Understanding and Operating the Display" on page 13](#)


- 2 Press **Connection Check**.


The connection check starts.

If an error has occurred, check the next section and take the appropriate action.


Error Code and Solutions


Check the error code (E-XX) displayed on the printer's screen and take the appropriate action.


 ["E-1" on page 35](#)


 ["E-2, E-3, E-7" on page 35](#)


 ["E-5" on page 36](#)


 ["E-6" on page 36](#)


 ["E-8" on page 36](#)

 ["E-9" on page 36](#)

 ["E-10" on page 37](#)

 ["E-11" on page 37](#)

 ["E-12" on page 37](#)

 ["E-13" on page 37](#)

E-1

Solutions:

- Make sure the Ethernet cable is securely connected to your printer and to your hub or other network device.
- Make sure your hub or other network device is turned on.
- If you want to connect the printer by Wi-Fi, make Wi-Fi settings for the printer again because it is disabled.

E-2, E-3, E-7

Solutions:

- Make sure your wireless router is turned on.
- Confirm that your computer or device is connected correctly to the wireless router.
- Turn off the wireless router. Wait for about 10 seconds, and then turn it on.
- Place the printer closer to your wireless router and remove any obstacles between them.
- If you have entered the SSID manually, check if it is correct. You can check the SSID in **Wired LAN/Wi-Fi Status** on the printer's screen.
- If an wireless router has multiple SSIDs, select the SSID that is displayed. When the SSID is using a noncompliant frequency, the printer does not display them.
- If you are using push button setup to establish a network connection, make sure your wireless router supports WPS. You cannot use push button setup if your wireless router does not support WPS.
- Make sure your SSID uses only ASCII characters (alphanumeric characters and symbols). The printer cannot display an SSID that contains non-ASCII characters.

Changing the Network Connection Methods

- ❑ Makes sure you know your SSID and password before connecting to the wireless router. If you are using a wireless router with its default settings, the SSID and password are located on a label on the wireless router. If you do not know your SSID and password, contact the person who set up the wireless router, or see the documentation provided with the wireless router.
- ❑ If you are connecting to an SSID generated from a tethering device, check for the SSID and password in the documentation provided with the device.
- ❑ If your Wi-Fi connection suddenly disconnects, check for the conditions below. If any of these conditions are applicable, reset your network settings by downloading and running the software from the following website.
[https://epson.sn- Setup](https://epson.sn-Setup)
 - ❑ Another device was added to the network using push button setup.
 - ❑ The Wi-Fi network was set up using any method other than push button setup.

E-5

Solutions:

Make sure the wireless router's security type is set to one of the following. If it is not, change the security type on the wireless router, and then reset the printer's network settings.

- ❑ WEP-64 bit (40 bit)
- ❑ WEP-128 bit (104 bit)
- ❑ WPA PSK (TKIP/AES)*
- ❑ WPA2 PSK (TKIP/AES)*
- ❑ WPA3-SAE (AES)
- ❑ WPA2/WPA3-Enterprise

*: WPA PSK is also known as WPA Personal. WPA2 PSK is also known as WPA2 Personal.

E-6

Solutions:

- ❑ Check if MAC address filtering is disabled. If it is enabled, register the printer's MAC address so that it is not filtered. See the documentation provided with the wireless router for details. You can check the printer's MAC address in **Wired LAN/Wi-Fi Status** on the printer's screen.
- ❑ If your wireless router is using shared authentication with WEP security, make sure the authentication key and index are correct.
- ❑ If the number of connectable devices on the wireless router is less than the number of network devices that you want to connect, make settings on the wireless router to increase the number of connectable devices. See the documentation provided with the wireless router to make settings.

E-8

Solutions:

- ❑ Enable DHCP on the wireless router if the printer's Obtain IP Address setting is set to Auto.
- ❑ If the printer's Obtain IP Address setting is set to Manual, the IP address you manually set is invalid due to out of range (for example: 0.0.0.0). Set a valid IP address from the printer's control panel or by using Web Config.

E-9

Solutions:

Check the following points.

- ❑ Devices are turned on.
- ❑ You can access the Internet and other computers or network devices on the same network from the devices you want to connect to the printer.

Changing the Network Connection Methods

If still does not connect your printer and network devices after confirming the above, turn off the wireless router. Wait for about 10 seconds, and then turn it on. Then reset your network settings by downloading and running the installer from the following website.

<https://epson.sn- Setup>

E-10

Solutions:

Check the following points.

- Other devices on the network are turned on.
- Network addresses (IP address, subnet mask, and default gateway) are correct if you have set the printer's Obtain IP Address to Manual.

Reset the network address if they are incorrect. You can check the IP address, subnet mask, and default gateway in **Wired LAN/Wi-Fi Status** on the printer's screen.

If DHCP is enabled, change the printer's Obtain IP Address setting to Auto. If you want to set the IP address manually, check the IP address in **Wired LAN/Wi-Fi Status** on the printer's screen, and then select Manual on the network settings screen. Set the subnet mask to [255.255.255.0].

If still does not connect your printer and network devices, turn off the wireless router. Wait for about 10 seconds, and then turn it on.

E-11

Solutions:

Check the following points.

- The default gateway address is correct if you set the printer's TCP/IP Setup setting to Manual.
- The device that is set as the default gateway is turned on.

Set the correct default gateway address. You can check the printer's default gateway address in **Wired LAN/Wi-Fi Status** on the printer's screen.

E-12

Solutions:

Check the following points.

- Other devices on the network are turned on.
- The network addresses (IP address, subnet mask, and default gateway) are correct if you are entering them manually.
- The network addresses for other devices (subnet mask and default gateway) are the same.
- The IP address does not conflict with other devices.

If still does not connect your printer and network devices after confirming the above, try the following.

- Turn off the wireless router. Wait for about 10 seconds, and then turn it on.
- Make network settings again using the installer. You can run it from the following website.
<https://epson.sn- Setup>
- You can register several passwords on a wireless router that uses the WEP security type. If several passwords are registered, check if the first registered password is set on the printer.

E-13

Solutions:

Check the following points.

- Network devices such as a wireless router, hub, and router are turned on.

Changing the Network Connection Methods

- ❑ The TCP/IP Setup for network devices has not been set up manually. (If the printer's TCP/IP Setup is set automatically while the TCP/IP Setup for other network devices is performed manually, the printer's network may differ from the network for other devices.)

If it still does not work after checking the above, try the following.

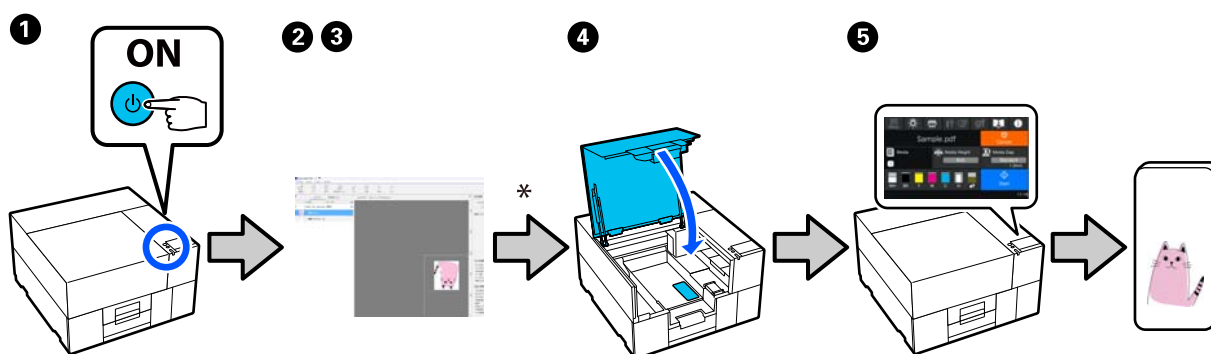
- ❑ Turn off the wireless router. Wait for about 10 seconds, and then turn it on.
- ❑ Make network settings on the computer that is on the same network as the printer using the installer. You can run it from the following website.
[https://epson.sn- Setup](https://epson.sn-Setup)
- ❑ You can register several passwords on a wireless router that uses the WEP security type. If several passwords are registered, check if the first registered password is set on the printer.

Basic Printing

Overview


The illustration below shows the process from data creation to loading the media into the printer and printing.

Depending on the media being used, you may need to confirm some things before loading the media. See "*" in the following table for more details.



Work Item	Summary
<p>1 Turn on the power</p>	<p>Turn on the power and do pre-printing checks.</p> <p>☞ "Before Printing" on page 41</p> <p>The countdown for the heater to warm up appears on the operation panel screen also. When the countdown is complete, you can start printing.</p>
<p>2 Create image/illustration file</p>	<p>Create an image (PDF etc.) with separate layers, such as in Adobe Illustrator or Adobe Photoshop.</p> <p>☞ "Create Image/Illustration File" on page 42</p>
<p>3 Create print data (job)</p>	<p>Create a print job .prn with Epson Edge Print Pro or commercially available RIP software.</p> <p>For details, see the manuals for the various software.</p>
<p>* Check the condition of the media</p>	<ul style="list-style-type: none"> <input type="checkbox"/> You may need to do the appropriate settings for the media material and thickness. ☞ "Confirming Appropriate Height Settings for Media" on page 53 <input type="checkbox"/> A jig may be needed, depending on the media. ☞ "Notes on Loading Media" on page 55 <input type="checkbox"/> Some media cannot be printed on, depending on the media's material. ☞ "Handling Media" on page 22
<p>4 Loading media</p>	<p>Load the media on the flatbed.</p> <p>☞ "Loading Media" on page 55</p>

Basic Printing

Work Item		Summary
5	Start printing	After sending print data from an application, press  (start) on the operation panel screen. 👉 "Starting and Canceling Printing" on page 58
6	Turn off the power	At the end of the day's work, turn off the power.

Before Printing

To maintain good print quality, perform the following inspection before starting printing operations each day.

Confirming the heater has warmed up after turning on the power

The printer is equipped with an internal heater to heat the UV ink.

The printer needs the heater to warm up so it takes some time to start printing after the power is turned on or after recovering from sleep mode. The countdown for the heater to warm up appears on the operation panel screen. When the countdown is complete, you can start printing. Do not start printing during the countdown.

Check the amount of ink remaining:

Check the amount of ink remaining on the screen, and replace the ink supply unit with a new one when the remaining ink is below the limit. When ink is running low, we recommend replacing the ink supply unit as soon as possible.

If an ink supply unit runs out while printing, you can continue printing after replacing it. However, if the ink supply unit is replaced during a print job, the tone of the print results may differ depending on the drying conditions.

 [“Replacing Ink Supply Units” on page 64](#)

Checking for clogged nozzles

Before you start printing, we recommend confirming that the nozzles are not clogged. If the nozzles are clogged, do a **Head Cleaning**.

By clearing any clogged nozzles in advance, you can reduce the risk of printing with clogged nozzles or having to stop printing to handle clogged nozzles.

 [“Checking for Clogged Nozzles” on page 68](#)

 [“Head Cleaning” on page 69](#)

Shaking White Ink

Shake the ink supply unit when the message about shaking is displayed on the screen.

White ink may sediment (components settling to the bottom of the liquid) easier than other ink due to the ink characteristics. Sedimentation may cause print quality to decline and nozzles to become clogged.

 [“Shaking the Ink Supply Units Periodically” on page 67](#)

Basic Printing

Create Image/Illustration File

How to Create Data

The printer is capable of multi-layer printing.

The way you create the data depends on what you want to print. This section presents several examples.

For details on how to create data, refer to the multi-layer printing section in the Epson Edge Print Pro manual and the manuals for each application.

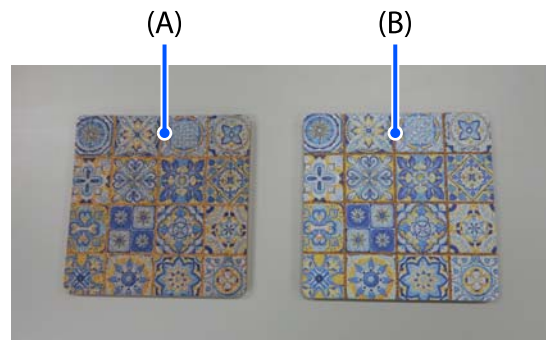
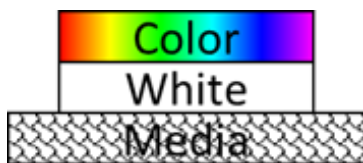
When you want to eliminate the influence of the color of the media itself

Apply White ink as an under-base when you want to eliminate the influence of the color of the media itself. The print example (A) has no White under-base and (B) has a White under-base

Also, when you don't want to show the image seen from the back side of clear film (want the back side to be white), the apply an under-base of White ink.

Set the first layer to White and the second layer to color.

<Printed Example>



When you want to show the image from the opposite side of transparent media

When printing on transparent media, and you want to show the image from the opposite side, print White ink on top of the printed image.

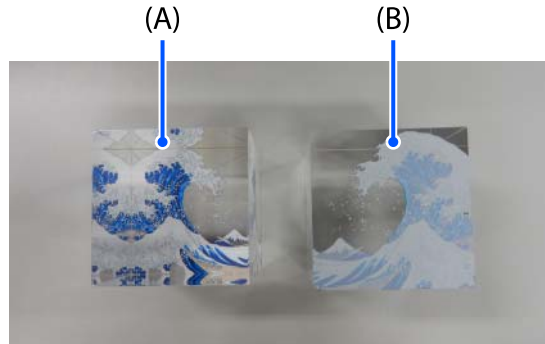
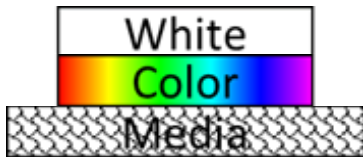
In the printed example, (A) is when the image is viewed from the opposite side, and (B) is when the image is viewed from the printed side.

Set the first layer to color and the second layer to White.

Position and print the image so that it is oriented correctly when viewed from the back side.

<Printed Example>

Basic Printing

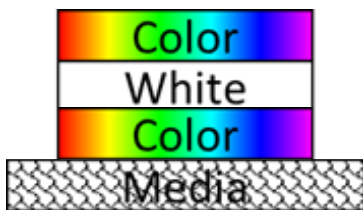


When you want to show the image from both sides of transparent media

When printing on transparent media, and you want to show the image from both sides, print White ink so it is between one image and the other.

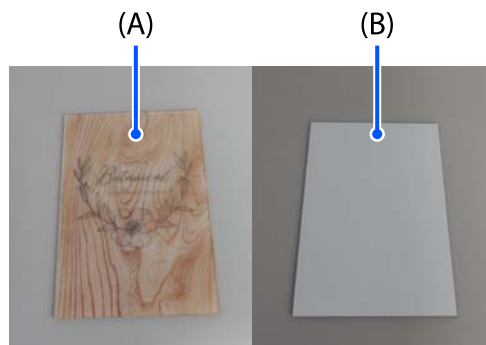
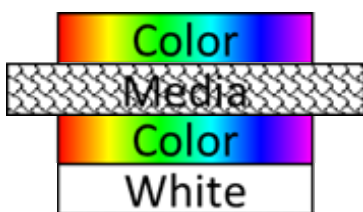
Set the first layer to color, the second layer to White, and the third layer to color.

Position and print the images so the first layer is oriented correctly when viewed from the back side, and the third layer is oriented correctly when viewed from the front side.



You can show a variety of things by printing on both sides. For the printed example, color is printed on the front side (A) and then a first layer of color and a second layer of White is printed on the back side (B). When doing this, position and print the image so that the back side is oriented correctly when viewed from the front side.

<Printed Example>



When you want to add texture to the media surface

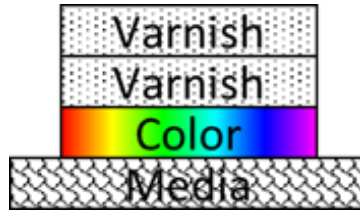
Use Varnish ink when you want to add texture to the printed surface or to print transparent patterns.

Epson Edge Print Pro can be used to make Varnish ink have a glossy or matte texture.

Varnish ink is printed in layers and is used to print textures (textured surface patterns).

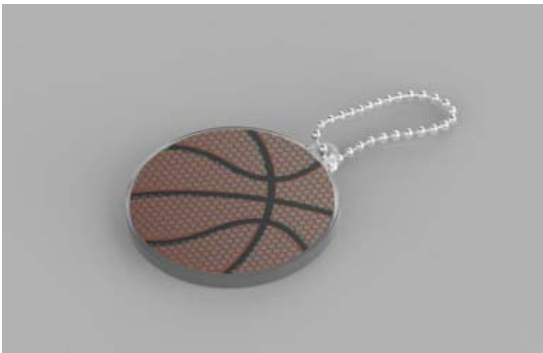
 [“Using Texture Files” on page 44](#)

Basic Printing



<Printed Example>

Here is an example of a polka dot pattern printed with Varnish ink on an image of a basketball.



Using Texture Files

Texture files for printing Varnish ink are available.

Texture files can be downloaded from the web.

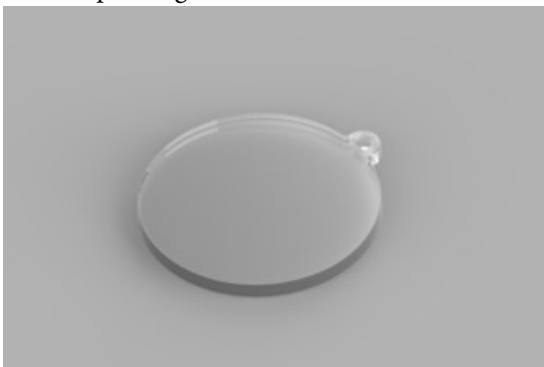
Adobe Illustrator is needed to use textures.

When printing with a texture file, we recommend that the first layer be a black or other under-base layer, and that the second and subsequent layers be printed with Varnish ink using the texture file. When you are not printing an under-base (when printing only Varnish ink), do a trial print, to confirm print quality, before doing a production print.

This section gives an example of printing a texture file and describes the procedure for downloading a texture file and loading it into a printing application.

Example of printing a texture file

- Before printing

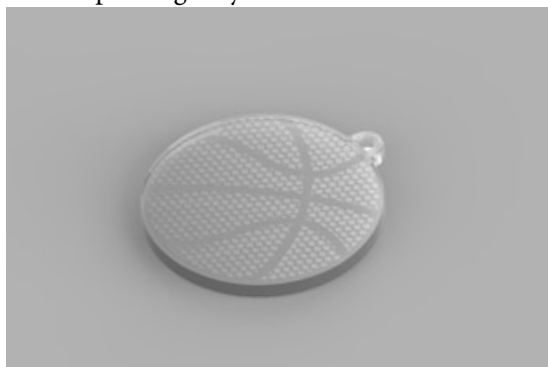


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- When printing in the order of White ink → color ink → Varnish ink

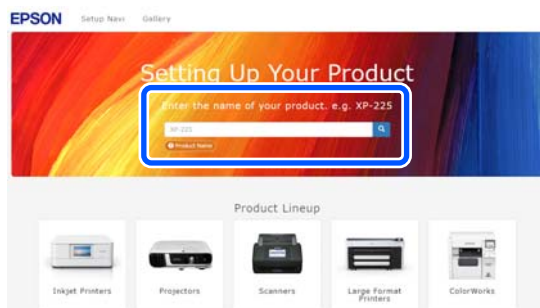


- When printing only Varnish ink

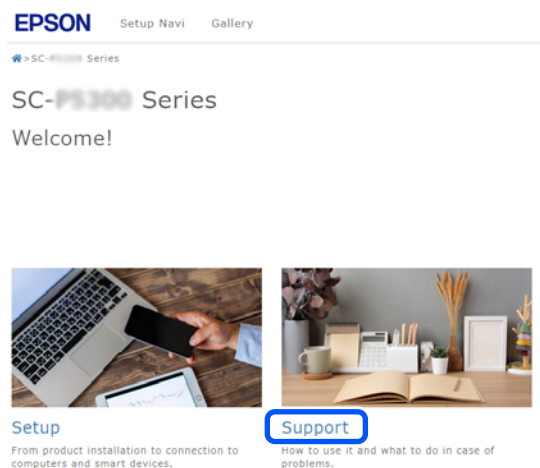


Procedure to download and use a texture file

- 1 In your internet browser, type epson.sn, then type the name of the product you are using, and then click .



- 2 Click **Support**.



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3 Click **Download**.

A file (Epson_Texture_Library_v1.zip), is downloaded to your download file.



Unzip the Zip file to access the following two files; one is a texture file for matte varnish and the other is a texture file for gloss varnish.

- Epson_Texture_Library_Matte_v1.pdf: For matte varnish
- Epson_Texture_Library_Gloss_v1.pdf: For gloss varnish

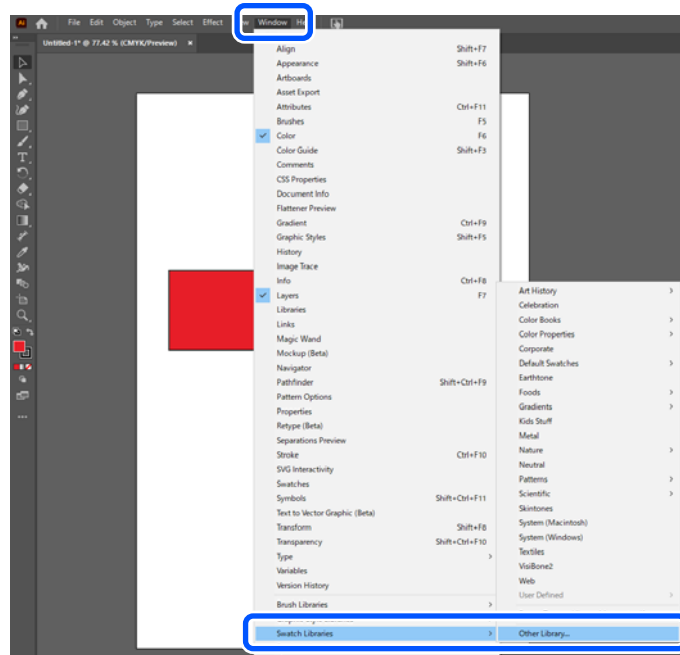
See the following when you want to print a sample of a texture file to check the feel of the texture.

[🔗 “Printing samples of textures” on page 47](#)

4 Start up Adobe Illustrator and open an image file to which to apply a texture pattern.

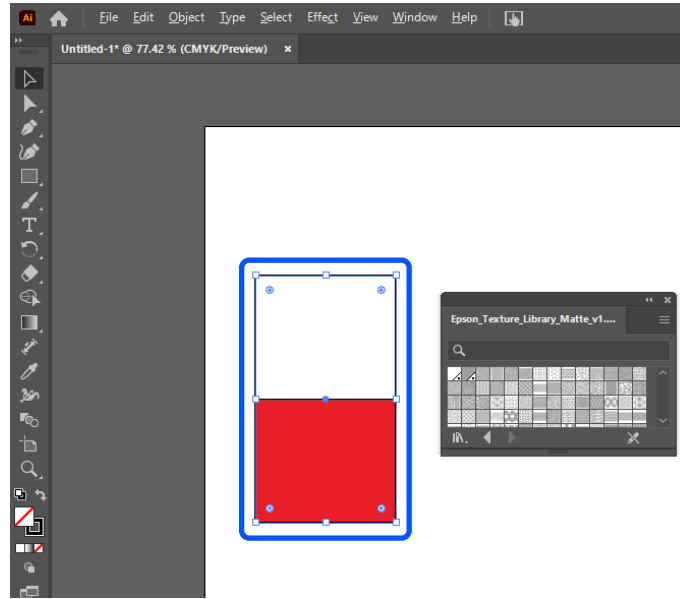
5 Upload the Texture Library that you downloaded in step 3.

Click **Window-Swatch Libraries-Other Library**, and then select the file that you downloaded.

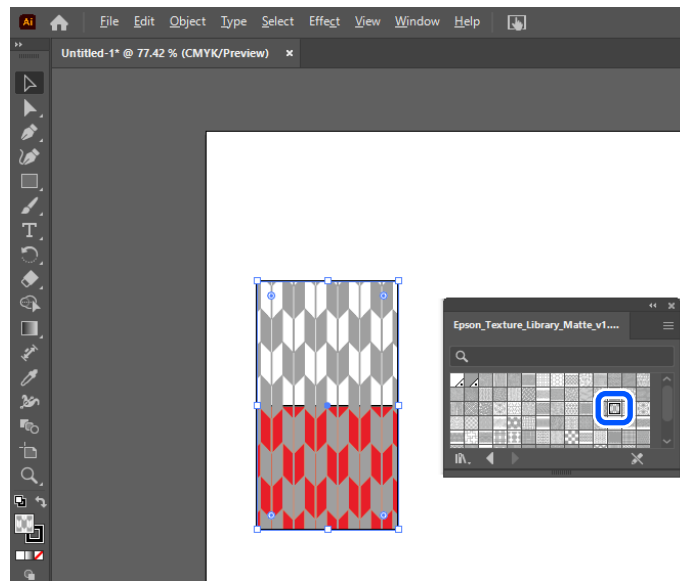


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- Creates a range (object) over the image to which the texture pattern is applied.



- Select the texture pattern to be applied to the object created in step 6.



- Save the edited file in a PDF format.
- The data created in step 8 is uploaded to the application for printing.
For more details, see the manuals for the applications.


Printing samples of textures

This section describes the procedure for printing a texture file for matte varnish (Epson_Texture_Library_Matte_v1.pdf) on two A4 size sheets of media using (Epson Edge Print Pro).

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Important:

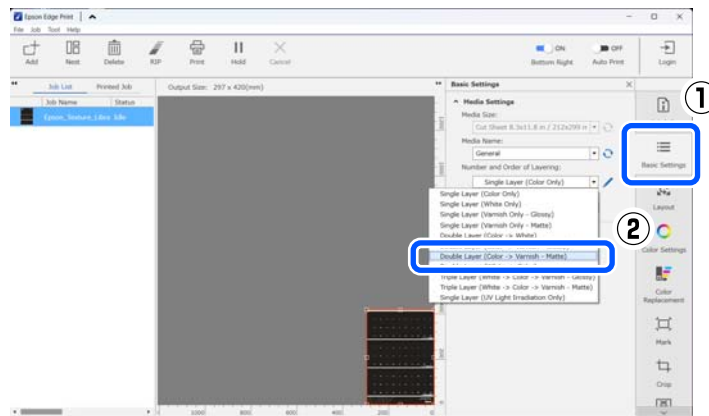
The actual size of the texture file (PDF) is A3 size. Do not reduce the size when printing samples. If you reduce the size, the pattern of the texture could be compressed or deformed.

1 Start Epson Edge Print Pro and upload the texture.
On the job toolbar, click  (Add) to add the texture file (Epson_Texture_Library_Matte_v1.pdf) to the job list.

2 From **Basic Settings-Number and Order of Layering**, select **Double Layer (Color -> Varnish - Matte)**.

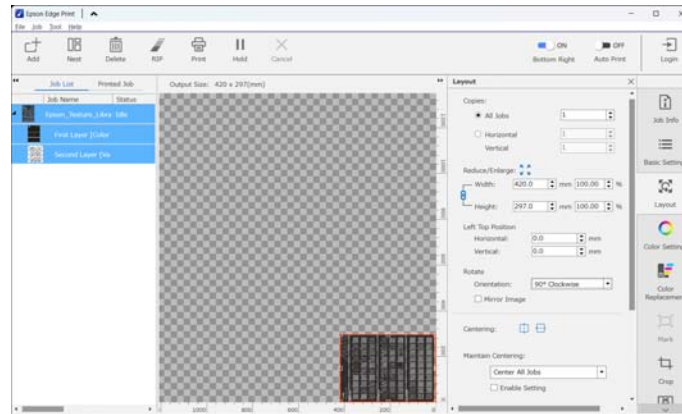
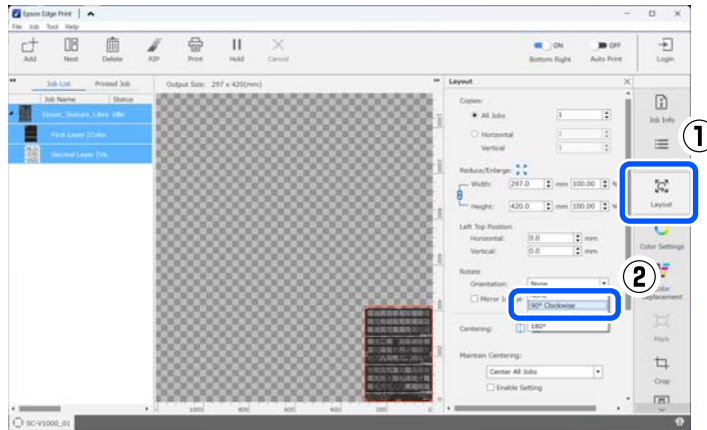
Note:

To print samples of texture files for a glossy varnish, select **Double Layer (Color -> Varnish - Glossy)**.

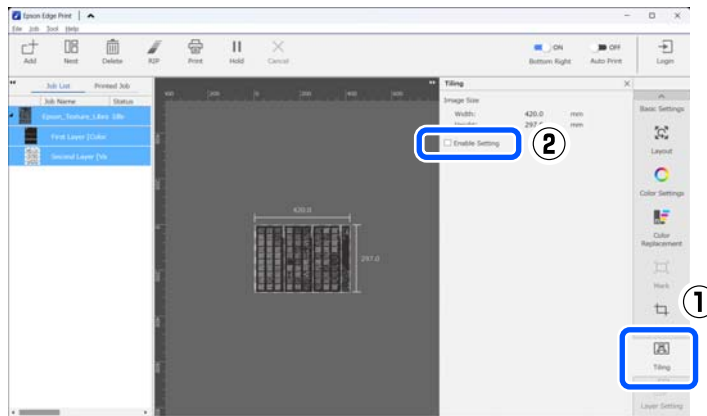


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3 In **Layout-Rotate-Orientation**, select **90° Clockwise**.

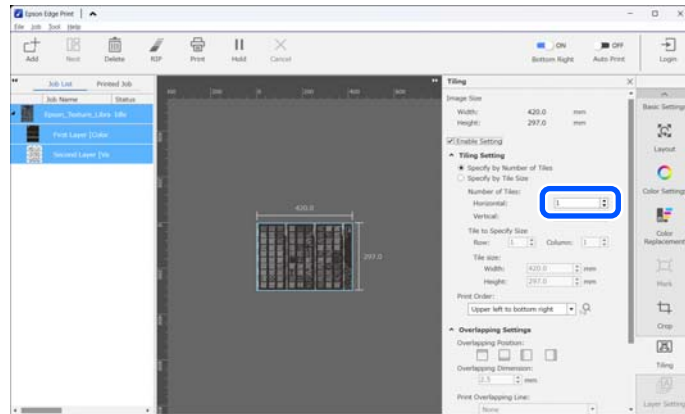


4 Click **Tiling**, and select **Enable Setting**.

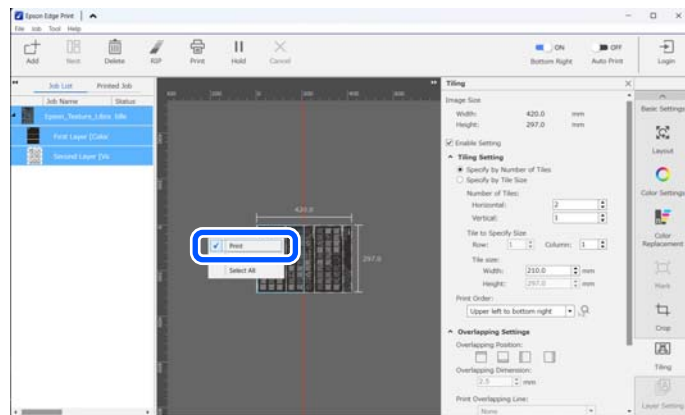


Basic Printing

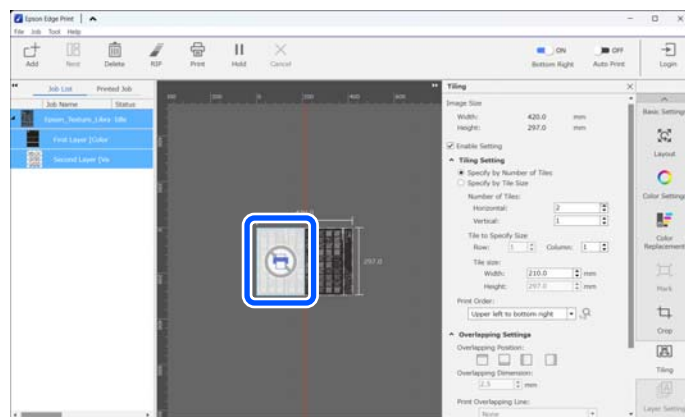
5 In Tiling Setting-Number of Tiles-Horizontal, select 2.




6 Select the left side of the image, right click, and clear **Print**.

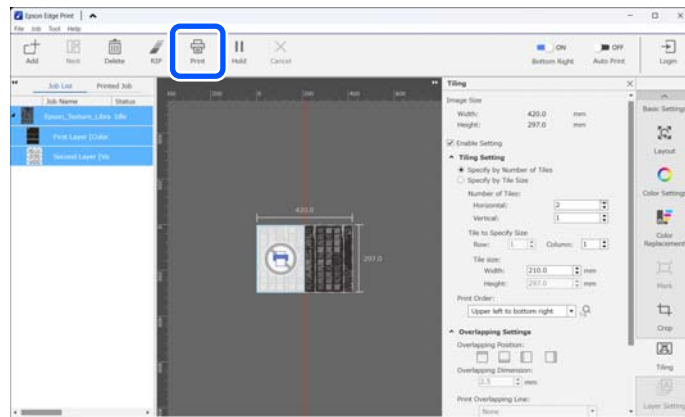


The left-side image is excluded from printing. The right side is printed first.



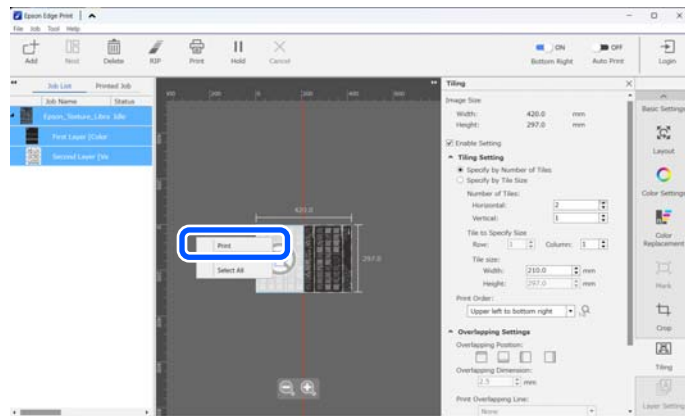
Basic Printing

- 7** Check that media is loaded in the printer, and then press  (Print).
[“Loading Media on the Flatbed” on page 56](#)

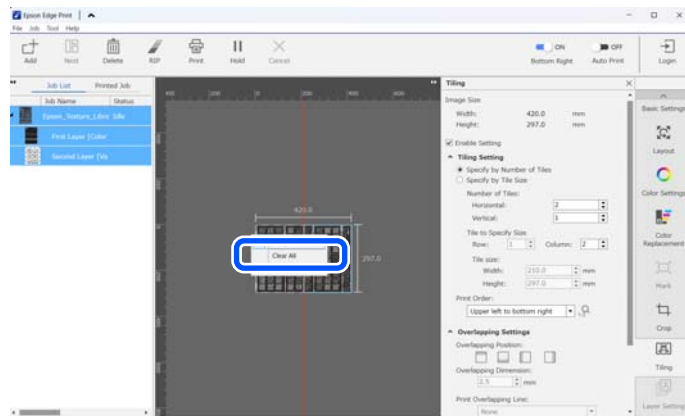


- 8** When printing is complete, remove the media and insert a new piece of media.
[“Removing Media” on page 58](#)
[“Loading Media on the Flatbed” on page 56](#)

- 9** Select the left side of the image, right click, and select **Print**.
 The entire image is printed.




- 10** Select the right side of the image, right click, and clear **Print**.
 The right-side image is excluded from printing.



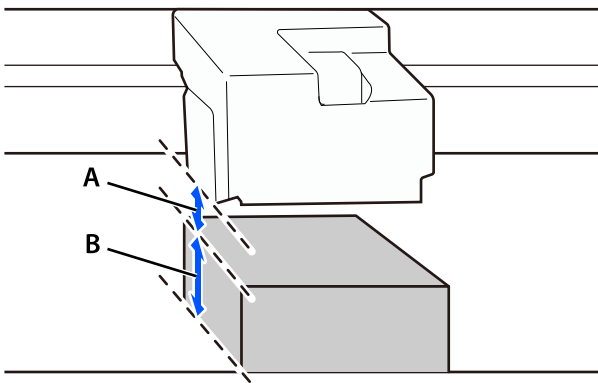
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Check that media is loaded in the printer, and then press  (Print).

Confirming Appropriate Height Settings for Media

The printer is equipped with a function that uses a sensor to confirm the height of the surface of the media that is loaded on the flatbed, and automatically adjusts to the optimum print head height for printing. However, the **Media Height** (B in figure below) and **Media Gap** (A in figure below) settings must be changed according to the material and shape of the media being used.



Make sure that the settings are appropriate before printing on a media for the first time or when starting to use media of different materials or thicknesses.

See the following for more details on each setting item.

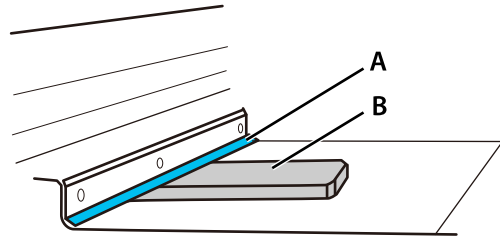
 [“Media Height Settings” on page 53](#)

 [“Setting the Media Gap” on page 54](#)

Media Height Settings

Sets whether the printer automatically confirms and adjusts the height of the media when printing, or fixes it to a desired value.

When set to **Auto**, then before printing starts, the printer's sensor (A) detects the highest point of the printable surface of the media (B) that is placed on the flatbed, as shown in the figure below.



In the following situations, change the setting to **Manual** and input a numerical value for the height (mm/inches) of each media.


- If you know the height of the media
When **Auto** is set, the media height is detected each time before printing starts. Changing the setting to **Manual** and then setting the height once, eliminates the time needed to detect the media height at the start of printing, which increases efficiency.

Note:

When **Media Height** is set to **Manual** and then **Get Measurement** is executed, the height of the media placed on the flatbed is confirmed just once by the sensor in the printer to confirm and set the height of the media. So, if you are printing on media that is always the same height, this can reduce the time to detect the height of the media when printing starts.

When executing **Get Measurement**, place the media on the flatbed in the actual condition as when it is printed. For example, when using a jig, the height cannot be measured accurately unless the media is set on the jig.

You can also register up to 30 frequently used media settings in **Media Management**. Once you have registered them, then from the next time you can easily access the settings by just pressing the media information area and selecting a media number.

 [“When you want to register Media Height or Media Gap according to the media” on page 95](#)

- Media with surfaces that are easily scratched
The sensor checks the entire printable surface of the media when automatically detecting its height, so the media may be damaged by contact with the sensor. We recommend putting the media on a jig that is suitable to the thickness of the media. Next, set the **Media Height** to **Manual**, input a suitable value, and then print.
- Media that is lightweight, is shaped to easily roll, or is soft
If the media moves or compresses due to contact with the sensor, the media height cannot be properly determined. **Auto** can be used if you can

Basic Printing

secure the sides of the media with a jig or secure the media to the flatbed so that it does not move when touched by the sensor.

Setting the Media Gap

Set the gap between the print head and the surface of the media. Normally, there is no need to change it from 1.2 mm.

Only if the print head rubs and gets the media dirty, change the setting value gradually to a larger value.

Important:

*Do not change the **Media Gap** except as noted above. Unnecessarily widening the **Media Gap** can cause the nozzles of the print head to clog and cause the ink to make the inside of the printer's exterior case dirty.*

In addition, when printing on media with height differences of up to 3 mm (such as curved surfaces on a ball or pen), text and images may become blurred in areas lower than the media height.

(A) is a successful example and (B) is a failed example.



In these situations, we recommend selecting a mode that includes the notation "WG" (WG: Wide Gap) for **Print Quality** in Epson Edge Print Pro

Print Mode Examples:

- Normal mode: Normal mode: 720 × 720 dpi – 12 Pass
- WG mode: 720 × 720 dpi – 12 Pass WG

Note:


Printing in WG mode improves image quality, but the print speed is lower than when printing in normal mode.

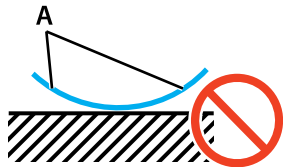
Loading Media


Notes on Loading Media

See the following before loading the media.

 "Supported Media" on page 23

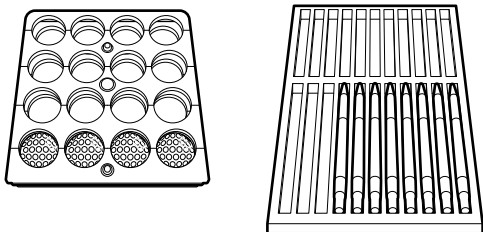
- ❑ For thin (0.5 mm or less) sheet media, be sure to press  (suction on) to hold the media to the flatbed.
- ❑ For flat, board-like media, make sure that the edge (A) is not raised as shown in the figure below.



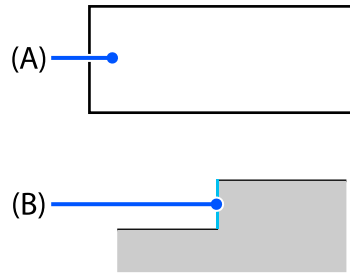
If the edge of the media lifts even when  (suction on) has been pressed, use masking tape, or something similar, to hold the media to the flatbed.

- ❑ If media, up to about 3 mm thick, is prone to wrinkling or warping due to heat, secure the outer edge of the media to the flatbed with masking tape, or something similar.
- ❑ Light media or unstable media, such as spheres, pens, or miniature toy cars that roll easily, may move when the sensor touches them to check the media height. We recommend securing it with a jig, so it does not move.

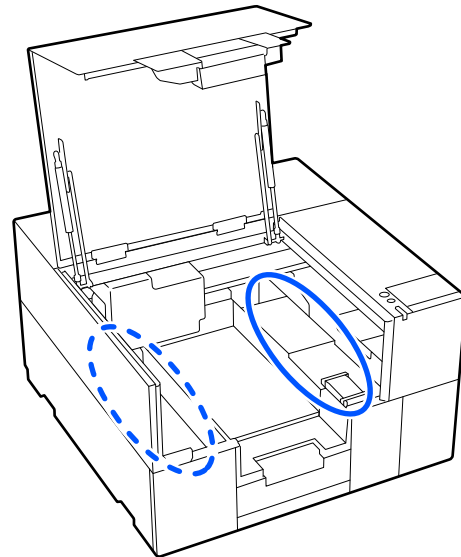
Example of jigs:



- ❑ The figure below is a simplified view of the printer viewed from the side. As shown in the figure, printing is not possible on surfaces (B) that are perpendicular to the print head (A).

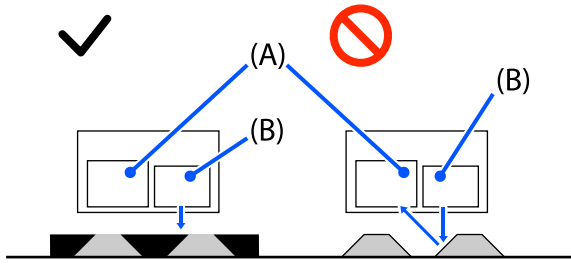


- ❑ Do not place any objects, other than the flatbed, within the areas encircled in the figure. Do not forget to remove any tape that was peeled off after use. Also, do not print if anything has been placed there. Printing while something is there can cause a malfunction.

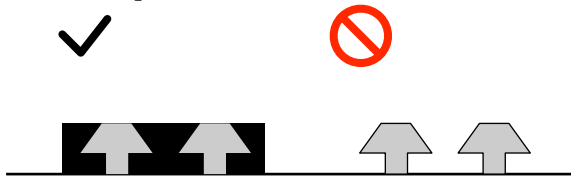


- ❑ Load the media so the printable surface is flat. If you are loading multiple pieces of media, we recommend that the places without media (the gaps between pieces of media) are also the same height. Note the following points when you are using a jig.
 - ❑ The figure below is a view of the printer from the front. If there are gaps between the media (gray area) and the media as shown on the right, the light from the UV lamp (B) will be reflected and the nozzles of the print head (A) are likely to clog. Use a jig (black area) that fills the gaps as shown on the left.

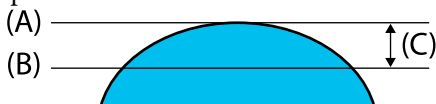
Basic Printing



- ❑ The figure below is a view of the printer from the front. If there are protrusions on the sides of the media (gray area), use a jig (black area) that fills the gaps as shown on the left side of the figure below. The sensor may get caught on the protrusions and malfunction.



- ❑ Jigs should not be made of materials that are transparent or that reflect light.
- ❑ Jigs so large that they extend beyond the edges of the flatbed cannot be used.
- ❑ See the following regarding installing a jig. [“Flatbed Specifications” on page 24](#)
- ❑ Do not print on media that reflect light intensely, such as mirrors. The UV light could be reflected and cause the nozzles to clog.
- ❑ The printer can print on curved surfaces, but we recommend that the difference (C) between the media's highest point (A) and the lowest point (B) on the printed surface be within 1.8 mm.



<Example of printing on a curved surface>

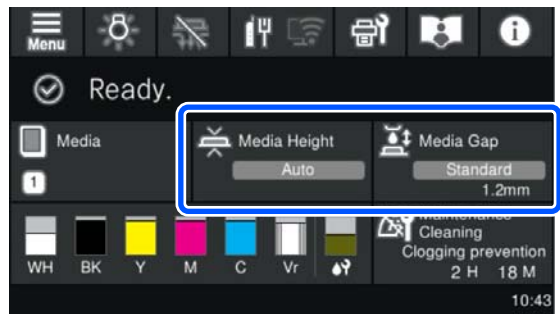


Loading Media on the Flatbed

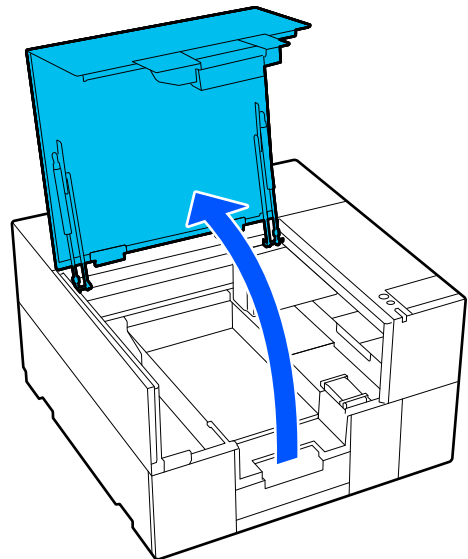
This section gives an example of thin sheet media (0.5 mm or less) to describe how to load media on the flatbed.

- 1 Confirm that **Ready.** is displayed on the screen. If the settings are not appropriate for the media on which you are printing, see the following to change the settings.

[“Confirming Appropriate Height Settings for Media” on page 53](#)



- 2 Open the printer cover.



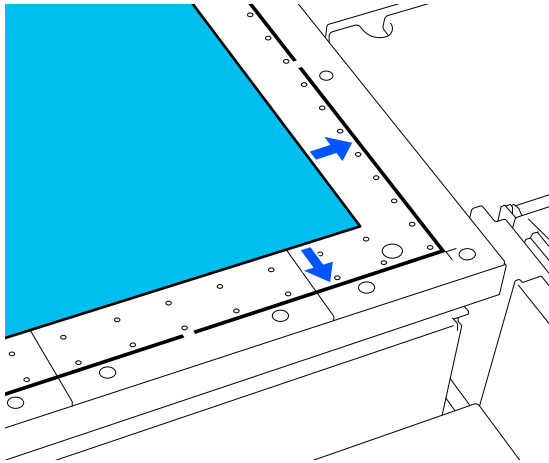
The flatbed is at the previously set height. Adjust the **Media Height** and **Media Gap** in advance as needed.

[“Confirming Appropriate Height Settings for Media” on page 53](#)

Basic Printing

- 3** The origin is to the inside of the groove at the lower right of the flatbed. Load the media based on the origin.

For thin sheet media, load the media so it aligns with the inside of the groove on the flatbed.



- 4** Press the button shown in the figure to start suction.



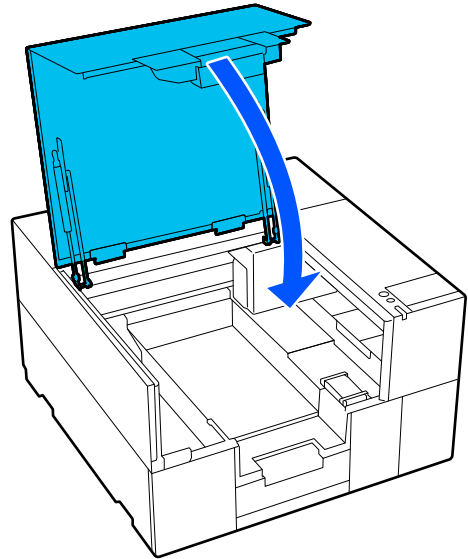
! Important:

If the media does not cover all the suction holes on the flatbed, cover the uncovered area with another sheet of paper or other material. If all of the suction holes are not covered, the suction force will be weak.

Note:

In sleep mode, the control panel display turns off. Touch the control panel screen to reactivate the screen display.


- 5** Close the printer cover.

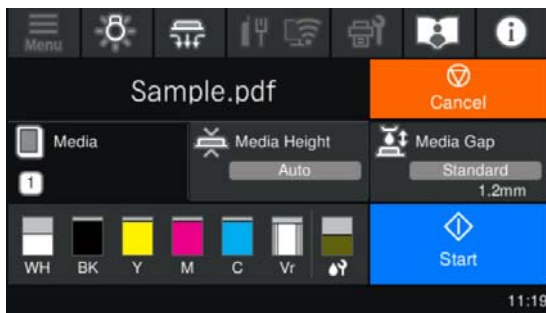



Starting and Canceling Printing

Starting

This section describes the procedure to be done after sending a print job from an application.


- 1 When a job is received,  appears on the screen as shown below.



- 2 Make sure that the media is loaded and then press .

Canceling

Use this when you want to cancel printing, or to cancel a job that is being received by the printer.

- 1 Press  (pause) on the right edge of the status display area on the screen.
- 2 Select **Cancel**.
Printing or receiving stops, and the job is deleted.

Note:

You can stop a job by clicking **Cancel** on the screen that is displayed while the job is being sent from Epson Edge Print Pro, the software for the printer. If a job being sent from the computer to the printer has finished sending, cancel it at the printer.

Removing Media

This section describes the procedure to remove thin (0.5 mm or less) media after printing.

- 1 After the printing finished screen appears, open the printer cover.
- 2 Press the button shown in the figure.
Suction stops.



- 3 Remove the media.
- 4 Close the printer cover.

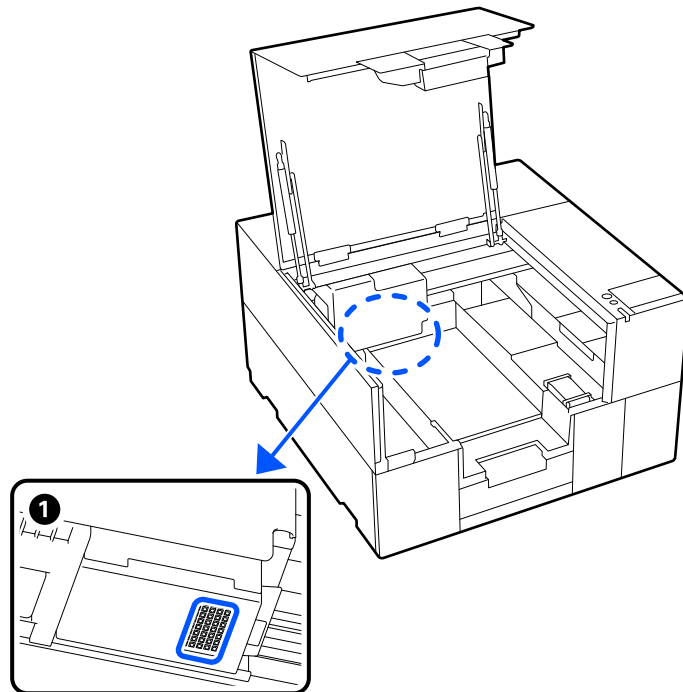
Maintenance

When to Perform Various Maintenance Operations

To maintain the print quality of the printer, you need to perform cleaning and replace consumables.

If maintenance is not performed, print quality may decline, the printer's service life may be reduced, or you may be liable for the cost of any repairs. Always perform maintenance when a message is displayed on the screen.

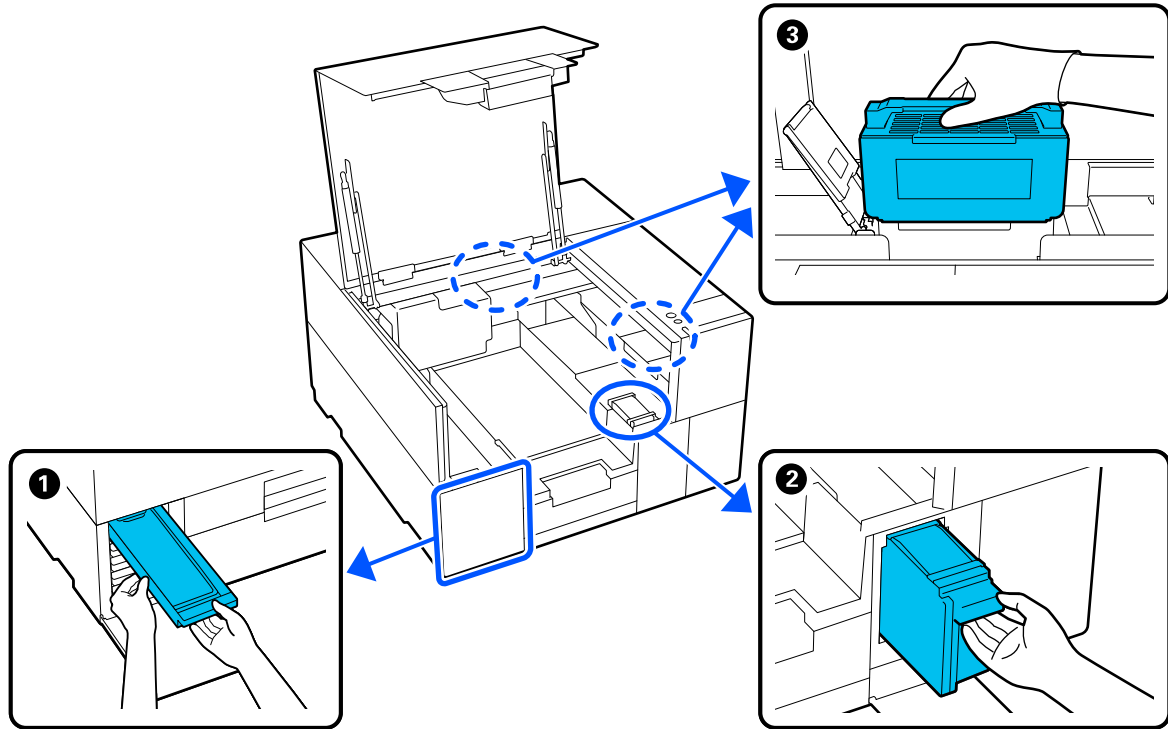
Cleaning Locations and Cleaning Timing



When to perform	Component to be cleaned
<ul style="list-style-type: none"> <input type="checkbox"/> Once a month <input type="checkbox"/> When the printed area has not cured 	<p>1 Clean the UV light cover</p> <p>👉 "Cleaning the UV Light Cover" on page 63</p> <p>You can see the procedure in a video on YouTube.</p> <p>Epson Video Manuals</p>

Maintenance

Locations of Consumables and Replacement Timing





When to perform	Component to be replaced
When an error indicating the remaining ink is below the limit appears on the control panel screen	1 Ink supply unit ↗ "Replacing Ink Supply Units" on page 64
When a message prompting you to replace it is displayed on the control panel screen	2 Wiper Unit ↗ "Replacing the Wiper Unit" on page 65
When the smell of UV ink from the printer is noticeable	3 Replace the air filters ↗ "Replacing Air Filters" on page 66

Other Maintenance

When to perform	Operation
<input type="checkbox"/> Before starting printing operations for the day (WH only) <input type="checkbox"/> When a message prompting you to shake it is displayed on the control panel screen	Shaking the Ink Supply Unit ↗ "Shaking the Ink Supply Units Periodically" on page 67

Maintenance

When to perform	Operation
<ul style="list-style-type: none"> <input type="checkbox"/> Every day, before starting printing operations <input type="checkbox"/> When checking if nozzles are clogged <input type="checkbox"/> When checking which colors are clogged <input type="checkbox"/> Horizontal stripes or tint unevenness (banding) are appeared. 	<p>Checking for clogged nozzles</p> <p> "Checking for Clogged Nozzles" on page 68</p>
<ul style="list-style-type: none"> <input type="checkbox"/> When printouts are blurred or parts are missing <input type="checkbox"/> When a clog is found after checking for clogged nozzles 	<p>Cleaning the print head</p> <p> "Head Cleaning" on page 69</p>
<p>When the printer will not be used for an extended period</p>	<p>Maintenance before long-term storage (2 weeks or more) is required if the printer will not be used for an extended period of time. Contact your dealer or Epson Support.</p>

Maintenance

Preparation

Ready the following items before beginning cleaning and replacement.

When the supplied parts have been completely used, purchase new consumables.

Prepare genuine parts when replacing ink supply units or performing maintenance.

 [“Options and Consumable Products” on page 97](#)

Protective eye-wear (commercially available)

Protects your eyes against ink. Use when cleaning the UV light cover

Mask (commercially available)

Use when cleaning the UV light cover

Gloves

Use for the following jobs.

- Cleaning the UV light cover
- Replacing the air filters (gloves are provided with the consumables)

Soft cloth

Use when cleaning the UV light cover.

Scraper (provided with printer)

Use when cleaning the UV light cover.



Cautions When Operating

Caution:

- Always wear protective eyewear, gloves, mask, and protective clothing when doing maintenance work. Should any ink come into contact with your skin or enter your eyes or mouth, immediately take the following actions.*
 - If fluid adheres to your skin, immediately wash it off using large volumes of soapy water. Consult a physician if the skin appears irritated or inflamed.*
 - If fluid enters your eyes, rinse immediately with water. Failure to observe this precaution could result in bloodshot eyes or mild inflammation. If problems persist, consult a physician.*
 - If any enters your mouth, consult a physician immediately.*
 - If fluid is swallowed, do not force the person to vomit and consult a physician immediately. If the person is forced to vomit, fluid may get caught in the trachea which can be dangerous.*
- Store ink supply units out of the reach of children.*
- Do not touch any parts or circuit boards other than the parts that need to be cleaned. It may cause a malfunction or decline of the print quality.
- Touch a metal object before starting operations to disperse any static electricity.
- Do not do screen operations while wearing gloves that have ink on them because the ink could make the screen dirty. If the screen gets dirty, dampen a soft cloth with water, thoroughly wring it out, and then use it to wipe off the screen.

Cleaning


Cleaning the UV Light Cover

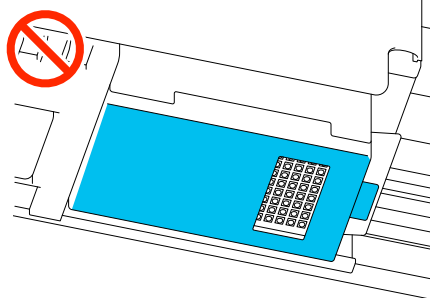
Use the scraper provided to clean the UV light cover at least once a month to remove the ink that collects on it.

Also, clean the UV light cover if the ink on the printed areas does not cure. On some media, the ink may not fully cure, even if the UV light cover is cleaned.

Important:

Failure to observe the following points may cause a malfunction to occur.

- Do not move the print head with your hands.
- Do not touch the gantry.
- Do not touch the  part in the illustration.




Before starting this procedure, be sure to read the following:

 [“Cautions When Operating” on page 62](#)

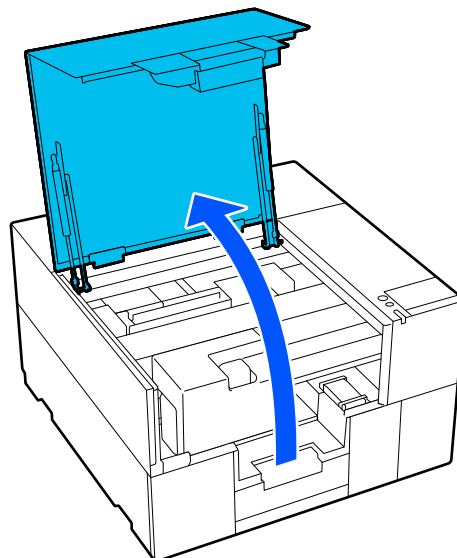
You can see the procedure in a video on YouTube.

[Epson Video Manuals](#)

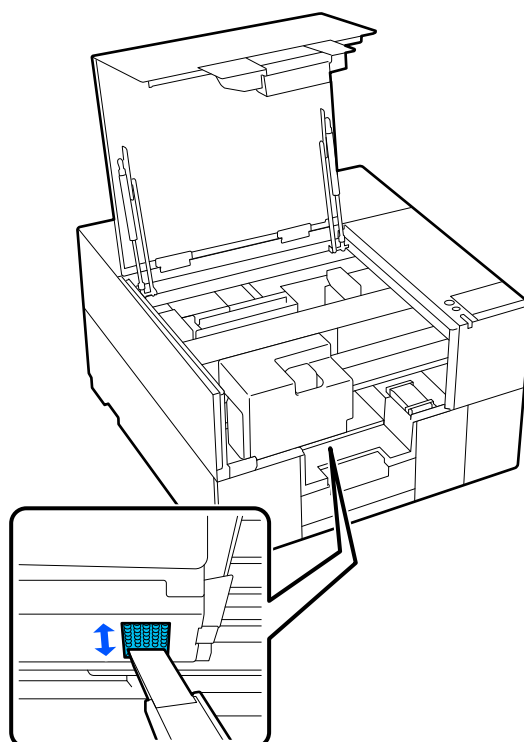
1 Press  (Maintenance) and then press **UV Light Cleaning**.

2 Check the message, and then press **Start**.
The print head moves to the maintenance position.

3 Open the printer cover.

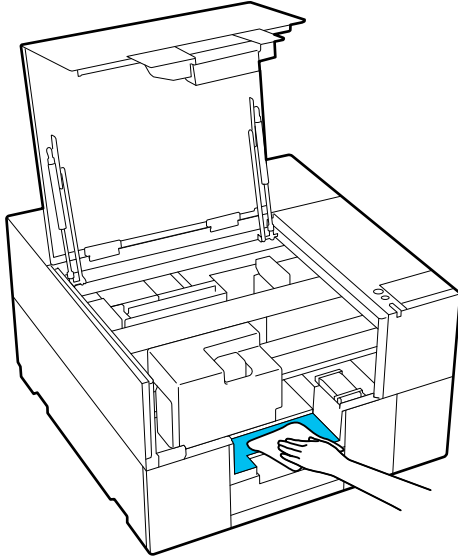


4 Look into the print head from below as you clean it. Press the scraper against the glass surface of the UV light cover and scrape off any accumulated ink.



Maintenance

- 5** As the ink powder is scraped off and falls onto the printer, wipe it off with a soft cloth.



- 6** Close the printer cover, and then press **Done** on the control panel screen.

The print head returns to its original position.

Replacing Consumables

Replacing Ink Supply Units

Precautions When Replacing

! **Important:**

Epson recommends the use of genuine Epson ink supply units. Epson cannot guarantee the quality or reliability of non-genuine ink. The use of non-genuine ink may cause damage that is not covered by Epson's warranties, and under certain circumstances, may cause erratic printer behavior. Information about non-genuine ink levels may not be displayed, and use of non-genuine ink is recorded for possible use in service support.

- ❑ If one of the installed ink supply units is expended, printing cannot be performed.

! **Important:**

*Immediately replace the ink supply unit with a new one if **You need to replace ink supply unit** appears.*

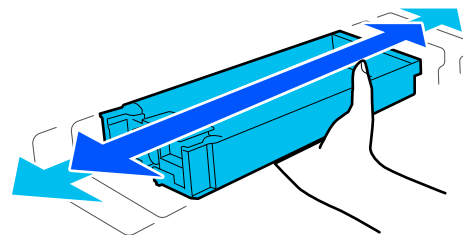
If the printer is left with the ink remaining alert displayed, a print head or other part may be damaged.

If ink is expended while printing, you can continue printing after replacing the ink supply unit. If you continue to use an ink supply unit that is running low, you may need to replace the ink supply unit while printing. If you replace it while printing, colors may look different depending on how the ink dries. If you want to avoid issues such as this, we recommend replacing the ink supply unit before printing. You can still use the removed ink supply unit in the future until the ink supply unit is expended.

The following procedure explains how to replace ink supply units.

- ❑ Insert all of the ink supply units into the ink trays. Printing is not possible or a malfunction may occur if even one of the ink trays does not contain an ink supply unit.
- ❑ When shaking the ink supply units, set them in the ink trays and shake them horizontally the following number of times, as shown in the illustration below.
 - ❑ White ink (WH): Approx. 50 times in 17 seconds
 - ❑ Other inks: 20 times in 7 seconds

Varnish ink does not need to be shaken.

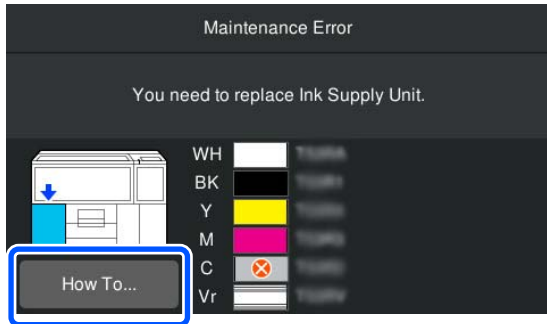


- ❑ Removed ink supply units may have ink around the ink supply ports, so be careful not to touch the ink supply ports when removing the ink supply units.

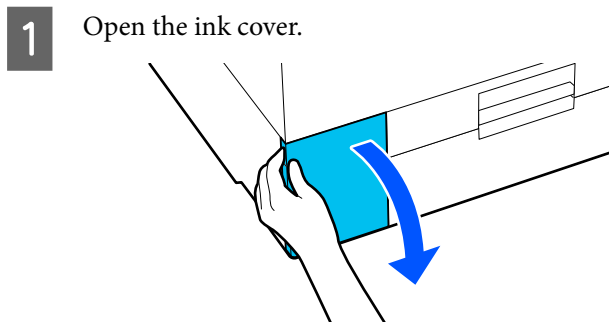
Replacement procedure

When a message prompting you to replace an ink supply unit is displayed

Press **How To...** You can check the procedure on the control panel while replacing the ink supply unit.

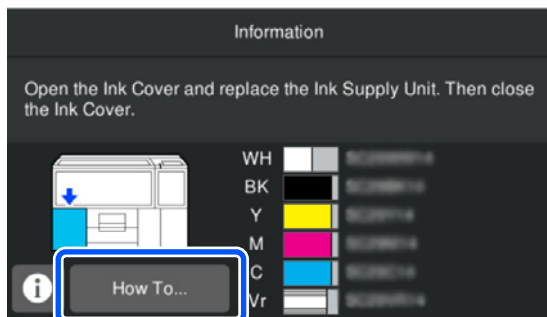


When you need to replace an ink supply unit because the amount of ink remaining is too low for the print job



2 Press **How To...** on the control panel screen to view the procedure.

Follow the on-screen instructions to perform the procedure.



Disposal of used consumables [“Disposal” on page 72](#)

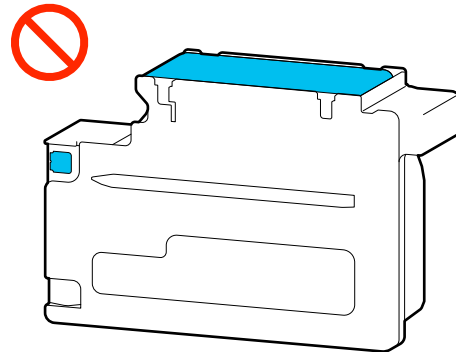
Replacing the Wiper Unit

Precautions When Replacing

Caution:

- Do not dismantle the wiper unit. If you dismantle it, the ink could get in your eyes or on your skin.
- Store out of the reach of children.

- Do not drop wiper unit or subject it to strong impact.
- Do not touch the parts of the wiper unit shown as in the illustration.



- Keep it away from direct sunlight.
- Do not store it at very hot or at freezing temperatures.
- After a wiper unit has been used, be sure to cover it with the cover from the new wiper unit, then put it in the disposal bag, and store it or dispose of it. [“Disposing of Used Wiper Unit” on page 70](#)
- Do not face the cloth part of a used wiper unit downward before putting it in the disposal bag.
- Do not roll the cloth part of the wiper unit by hand. Doing so could damage it or prevent it from working normally.
- Do not insert or remove the wiper unit unnecessarily. The wiper unit could become unusable under certain circumstances.

Maintenance

Replacement procedure


If **Wiper Unit is at the end of its service life.** appears, see the following to replace it with a wiper unit designed for this printer. Printing cannot be performed if the parts are not replaced.

 [“Options and Consumable Products” on page 97](#)

Before starting this procedure, be sure to read the following:

 [“Cautions When Operating” on page 62](#)

1 On the **Wiper unit is at the end of its service life.** screen, press **OK**.

When the message is not displayed, press  (Maintenance) - **Replace Maintenance Parts - Wiper Unit**.

2 Check the message, and then press **Start**.

3 Press **How To...** to view the procedure.
Follow the on-screen instructions to perform the procedure.

Dispose of a used wiper unit in a bag according to the following procedure. The bag is provided with the new wiper unit.

 [“Disposing of Used Wiper Unit” on page 70](#)

Replacing Air Filters

Replace the air filters when you notice the smell from emitted by the UV ink. The suggested replacement period is 6 months. Air filters are located at the front and back. Replace both of them.

See the following to replace the air filters that are designed for this printer.

 [“Options and Consumable Products” on page 97](#)


Important:

- Do not forcefully press in the covers of the air filters. Doing so could deform them.
- The gantry is moved to the front when the back air filter is being replaced. Do not apply a load to the top plate part of the gantry. If the top plate is bent or damaged, then normal printing would be impossible.

Before starting this procedure, be sure to read the following:

 [“Cautions When Operating” on page 62](#)

An error will occur when the air filter is removed if the following procedure is not used to replace it.

1 Press  (Maintenance) - **Replace Maintenance Parts - Air Filter**, in this order.

2 Replace the front air filter. Check the message, and then press **Start**.

3 Press **How To...** to view the procedure.
Follow the on-screen instructions to perform the procedure.

4 After the air filter in the front side has been, the screen will display a guide to replace the air filter in the back. Press **How To...** to view the procedure.

Follow the on-screen instructions to perform the procedure.

Dispose of used air filters in a bag according to the following procedure. A bag is provided with new air filters.

 [“Disposing of Used Air Filters” on page 71](#)

Maintenance

Other Maintenance

Shaking the Ink Supply Units Periodically

If a message is displayed informing you that it is time to shake the ink, remove the ink supply unit immediately and shake it.

Important:

Due to characteristics of the ink used in this printer's ink supply units, it is prone to gradual sedimentation (components settling to the bottom of the liquid). If ink settles, tint unevenness and nozzle clogs occur. Shake ink supply units periodically after installing them.

After installing an ink supply unit in the printer, a message prompting you to shake the unit is displayed at the following intervals.

- White ink (WH): Once every 24 hours
- Other inks: Once every two weeks

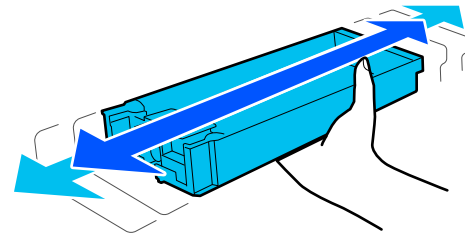
Varnish ink does not need to be shaken.

Precautions When Shaking

- Place your hand on the bottom of the ink tray while removing it. If you use only one hand, the weight of the tray may cause it to fall, and be damaged, as you remove it.
- When shaking the ink supply units, set them in the ink trays and shake them horizontally the following number of times, as shown in the illustration below.
 - White ink (WH): Approx. 30 times in 10 seconds

- Other inks: 10 times in 3 seconds

Varnish ink does not need to be shaken.



- Do not forcefully shake or swing ink supply units or ink tray containing ink supply units. Ink could leak.

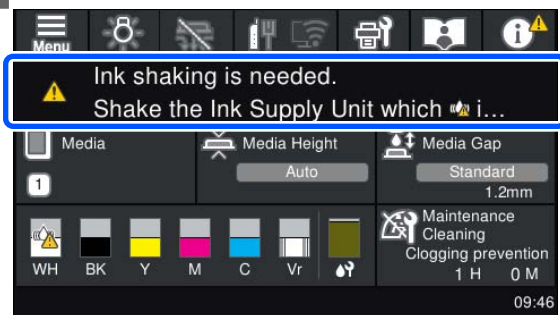


- Removed ink supply units may have ink around the ink supply ports, so be careful not to touch the ink supply ports when removing the ink supply units.

Shaking

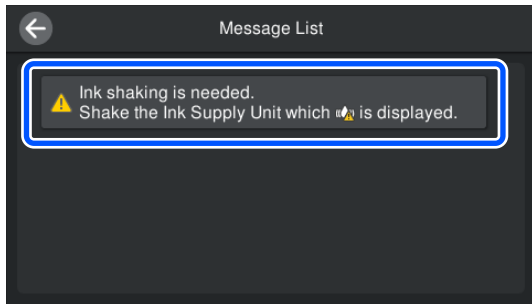
If a message is displayed informing you that it is time to shake the ink, you can check the procedure on the control panel while shaking the ink supply unit.

- 1 On the screen, press the status display area.

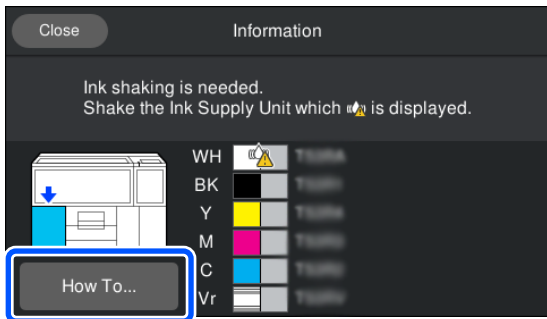


Maintenance

- In the **Message List**, press the message informing you that it is time to shake the ink.



- Press **How To...** to view the procedure. Follow the on-screen instructions to perform the procedure.



Checking for Clogged Nozzles

Print a nozzle check pattern before printing to confirm that there is no clogging, and that no stripes or unevenness is visible in the print results. Inspect the printed check pattern visually to determine whether the nozzles are clogged.

We recommend that you check the nozzles for clogs each time you print to ensure quality results.

See the following for how to print a check pattern.

Supported Media

You need the following media to print a check pattern.

Size

A4 or letter

Media type

Transparent sheet media that supports inkjet printing

How to Print a Nozzle Check Pattern

- Load the transparent media that supports inkjet printing on the flatbed.

[“Loading Media on the Flatbed” on page 56](#)

Select 1.2 mm for Media Gap.

Note:

You can register up to 30 frequently used media settings in **Media Management**. Once you have registered them, then from the next time you can easily access the settings by just pressing the media information area and selecting a registered media number for printing a nozzle check pattern.

[“When you want to register Media Height or Media Gap according to the media” on page 95](#)

- Press (Maintenance) - **Print Head Nozzle Check**.

- Confirm the position at which to print the check pattern.

The currently set print position is displayed on the screen.

Print Position can be selected from **Front**, **Center**, or **Back**. Normally, **Front** is selected. Changing the print position allows printing of the check pattern up to 3 times on A4 size paper. When you want to change the print position, you can press **Print Settings** and change the setting.

- Check that media is loaded on the flatbed, and then press **Start**.

The nozzle check pattern is printed.

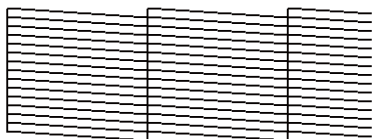
- When printing has finished, open the printer cover.

- On the screen, press (suction), when suction is complete, remove the media.

- Close the printer cover.

Maintenance

- 8** Check the nozzle check pattern.
Example of clean nozzles



There are no gaps in the check pattern.

Example of clogged nozzles



Perform head cleaning if there are gaps in the nozzle check pattern.


 [“Head Cleaning” on page 69](#)


Head Cleaning

For print head cleaning, there is **Cleaning (Recommended)**, and two levels of cleaning: **Cleaning (Light)** and **Cleaning (Heavy)**, and **Ink Circulation Cleaning (White)**.

Cleaning (Recommended) cleans at the appropriate intensity. Even if the nozzles are not unclogged after one cleaning, you can continue doing **Cleaning (Recommended)** at the appropriate intensity of cleaning without having to select an intensity. When you want to select the intensity of cleaning, do **Cleaning (Light)** or **Cleaning (Heavy)**. See the next section for the procedure.

Execute **Ink Circulation Cleaning (White)** when the white in the printed results is lighter than the source white or when the white is uneven. See the following for the procedure.

 [“White is lighter than the original white or the white is uneven” on page 94](#)

- 1** Confirm that the power is turned on, and then press  (Maintenance) - **Head Cleaning**.
- 2** Select a cleaning method.

- 3** Select **All Colors** or **Select Colors**.

For All Colors

Go to step 5.

For Select Colors

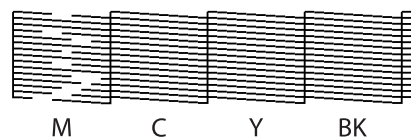
Go to step 4.

- 4** Confirm the nozzle check pattern, select the colors for cleaning, and then press **OK**.

The text printed on the bottom of the nozzle check pattern indicate the combination of ink color and nozzle row.

Check which rows are missing in the nozzle check pattern, and then select **Color**, **White**, or **Varnish** as the color to clean. Select **Color** when M, C, Y, or BK is missing.

For the situation shown in the following illustration, select **Color**.



- 5** Check the message, and then press **Start**.

Cleaning starts. When cleaning is finished, we recommend that you select **Yes** in the confirmation screen, and then print a nozzle check pattern to confirm that the clogs have been eliminated.

If clogging is cleared

Continue with normal operations.

If clogging is not cleared

- When Cleaning (Recommended) was done
Go back to step 1 and execute **Cleaning (Recommended)**. If the clogging is not resolved after multiple cycles of **Cleaning (Recommended)**, leave the printer for 12 hours without printing, and then print a nozzle check pattern. If the clogs are not cleared, then do **Cleaning (Recommended)**. If the problem persists, contact your dealer or Epson Support.
- When Cleaning (Light) was done

Maintenance

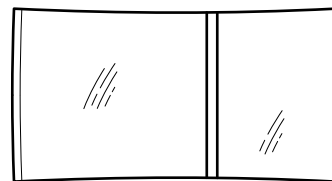
Go back to step 1 and execute **Cleaning (Heavy)**. If the clogging is not resolved after multiple cycles of **Cleaning (Heavy)**, leave the printer for 12 hours without printing, and then print a nozzle check pattern. If the clogs are not cleared, then do **Cleaning (Light)**. If the problem persists, contact your dealer or Epson Support.

Disposal of Used Consumables

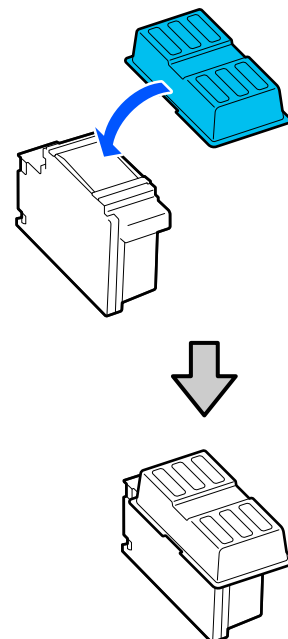
Disposing of Used Wiper Unit

Used wiper units should be disposed of in the bag provided with a new wiper unit according to the following procedure.

- 1 Prepare the bag that is provided with the new wiper unit.



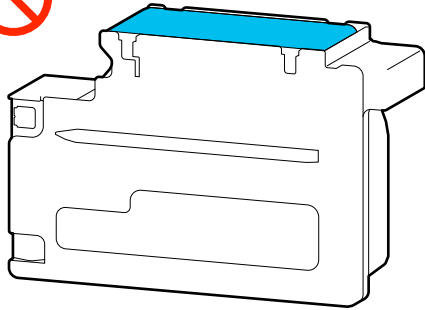
- 2 Put the cover from the new wiper unit on the used wiper unit.



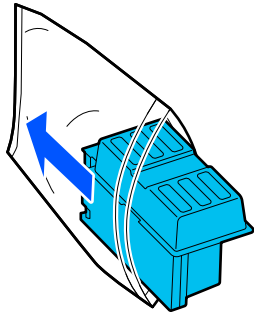
Maintenance

! *Important:*

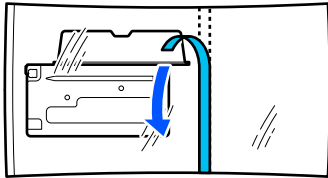
Do not touch the parts of the wiper unit shown as in the illustration.



3 Put the used wiper unit in the bag.

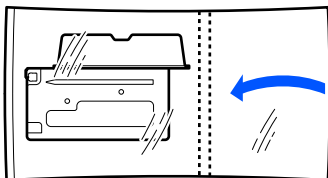


4 Peel the backing paper from the tape.

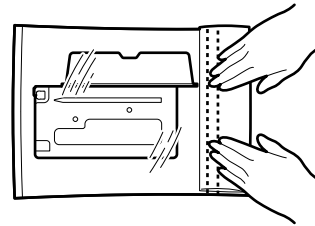
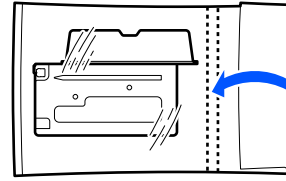


5 Fold the bag so that the mouth of the bag is in front of the tape.

Do not stick the tape to the mouth of the bag.



6 Fold the mouth of the bag one more time and seal it with the tape.



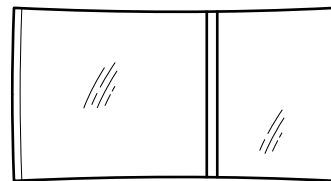
After that, see the following for disposal.

["Disposal" on page 72](#)

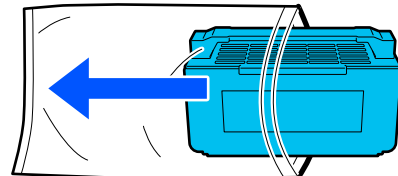
Disposing of Used Air Filters

Dispose of used air filters in the bag provided with the new air filter according to the following procedure.

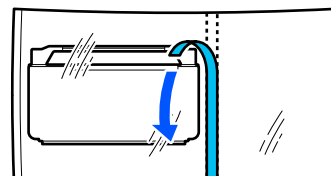
1 A bag is provided with new air filters.



2 Put the used air filters in the bag.



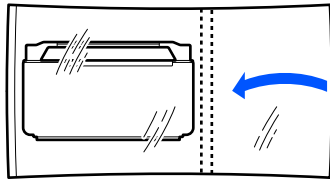
3 Peel the backing paper from the tape.



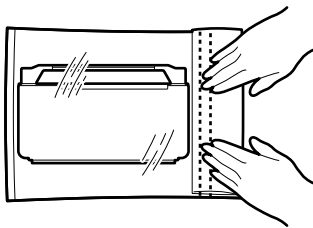
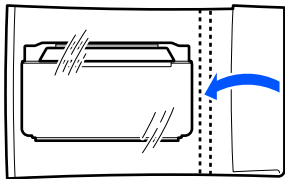
Maintenance

- 4** Fold the bag so that the mouth of the bag is in front of the tape.

Do not stick the tape to the mouth of the bag.



- 5** Fold the mouth of the bag one more time and seal it with the tape.



After that, see the following for disposal.

 [“Disposal” on page 72](#)

Disposal

The following used parts on which there is ink are classified as industrial waste.

- Wiper unit
- Empty ink supply unit
- Air filters

Dispose of tube cleaning liquid according to your local laws and statutes such as entrusting it to an industrial waste disposal company. In such cases, submit the “Safety data sheet” to the industrial waste disposal company.

You can download it at your local Epson Web site.

Control Panel Menu

Menu List

The following items and parameters can be set and executed in the Menu. See the reference pages for more details on each item.

General Settings

For more information on these items, see [🔗 “General Settings Menu” on page 78](#)

Setting Item	Setting
Basic Settings	
LCD Brightness	1 to 9
Sounds	
Button Press	0 to 3
Completion Notice	0 to 3
Ready Notice	0 to 3
Warning Notice	
Volume	0 to 3
Repeat	Off, Until Stopped
Error Tone	
Volume	0 to 3
Repeat	Off, Until Stopped
Sound Type	Pattern1, Pattern2
Sleep Timer	
Settings	On, Off
Sleep Timer	1 to 240 minutes
Circuit Breaker Interlock Startup	On, Off
Date/Time Settings	
Date/Time	
Daylight Saving Time	Off, On


Control Panel Menu

Setting Item		Setting
	Time Difference	-12:45 to +13:45
	Language	Dutch, English, French, German, Italian, Japanese, Korean, Portuguese, Russian, Simplified Chinese, Spanish, Traditional Chinese
	Background Color	Gray, Black, White
	Keyboard	QWERTY, AZERTY, QWERTZ
Unit Settings		
	Length Unit	m, ft/in
	Temperature	°C, °F
Printer Settings		
	Head Movement Range	Data Width, Printer Width
	UV Light	On, Off
	Inside Light	Auto, Manual
	Deodorizer Fan	On, Off
	Restore Default Settings	Network Settings, Clear All Data and Settings
Network Settings		

Control Panel Menu

Setting Item	Setting
Wi-Fi Setup	
Router	
Wi-Fi Setup Wizard	<p>When not connected to Wi-Fi: Press Start Setup to display the setting items shown on the left.</p> <p>When connected to Wi-Fi: The connection status and setup information is displayed.</p>
Push Button Setup(WPS)	
Others	
PIN Code Setup(WPS)	
Wi-Fi Auto Connect	
Disable Wi-Fi	
Wi-Fi Direct	
Connect to Computer	<p>When not connected by Wi-Fi Direct: Press Start Setup to display the setting items shown on the left.</p> <p>When connected by Wi-Fi Direct: The connection status and setup information is displayed.</p>
Change	
Change Network Name	
Change Password	
Change Frequency Range	
Disable Wi-Fi Direct	
Restore Default Settings	
Wired LAN Setup	
Network Status	Wired LAN/Wi-Fi Status, Wi-Fi Direct Status, Print Status Sheet
Connection Check	
Advanced	
Device Name	
TCP/IP	
Proxy Server	
IPv6 Address	Enable, Disable
Link Speed & Duplex	Auto, 100BASE-TX Auto, 10BASE-T Half Duplex, 10BASE-T Full Duplex, 100BASE-TX Half Duplex, 100BASE-TX Full Duplex
Redirect HTTP to HTTPS	Enable, Disable
Disable IPsec/IP Filtering	
Disable IEEE802.1X	


Media Settings

For more information on these items, see  [“Media Settings Menu” on page 84](#)

Control Panel Menu

Setting Item	Setting
Current Settings	
Media	01 to 30
Media Height	
Media Gap	
Media Management	
01 XXXXXXXXXXXX to 30 XXXXXXXXXXXX	
Change Name	
Media Height	
Auto	
Manual	Value, Get Measurement
Media Gap	1.2 to 3.0 mm (0.05 to 0.12 inch)

Maintenance

For more information on these items, see  [“Maintenance Menu” on page 85](#)

Setting Item	Setting
Print Head Nozzle Check	
Print Position	Back, Center, Front
Head Cleaning	
Cleaning (Recommended)	
All Colors	
Select Colors	Color, White, Varnish
Cleaning (Light)	
All Colors	
Select Colors	Color, White, Varnish
Cleaning (Heavy)	
All Colors	
Select Colors	Color, White, Varnish
Ink Circulation Cleaning (White)	
Replace Maintenance Parts	Wiper Unit, Air Filter
UV Light Cleaning	

Control Panel Menu

Setting Item	Setting
Print Adjustments	
Print Head Alignment	
Gantry Alignment	
Keeping Preparation	
Personal Transport Preparation	

Supply Status

Details on menu  [“Supply Status Menu” on page 87](#)

Replacement Part Information

Select this to display the degree of wear on replacement parts, such as the Print Head. When the service life of replacement parts approaches, **Maintenance Request** is displayed.

 [“When a Maintenance Request/Printer Error Occurs” on page 89](#)

Status

Details on menu  [“Status Menu” on page 87](#)

Control Panel Menu

Details of the Menu

General Settings Menu

* indicates default settings.

Setting Item	Setting	Explanation
Basic Settings		
LCD Brightness	1 to 9 (9*)	Adjust the brightness of the control panel's screen.
Sounds		
Button Press	0 to 3 (1*)	Set the volume of the sounds when menus and other items are pressed on the control panel screen.
Completion Notice	0 to 3 (3*)	Set the volume of the sounds when print jobs or maintenance operations are finished.
Ready Notice	0 to 3 (3*)	Set the volume of the sound when the printer becomes ready for printing.
Warning Notice		Set the repetition and volume of the sounds for notifications, such as when to replace consumables and when to clean parts.
Volume	0 to 3 (2*)	
Repeat	Off* Until Stopped	
Error Tone		Set the repetitions and the volume of the sounds when an error occurs that stops printing.
Volume	0 to 3 (3*)	
Repeat	Off Until Stopped*	
Sound Type	Pattern1* Pattern2	Set the type of sounds. Sounds that are easy to hear in the printer's operating environment can be set.



Control Panel Menu

Setting Item	Setting	Explanation
Sleep Timer		
Settings	On*	The printer enters sleep mode when no errors are detected and no print jobs have been received for a specific time. When the printer enters sleep mode, the control panel's screen and other parts turn off to reduce power consumption.
	Off	
Sleep Timer	1 to 240 (60*)	Touch the control panel screen, to reactivate the screen display. When a print job is received or a hardware operation is done to recover from sleep mode, some time is needed for the printer to restart.
Circuit Breaker Inter-lock Startup	On*	Select whether to turn the unit on (On) or off (Off) in conjunction with switching on the breaker.
	Off	
Date/Time Settings		
Date/Time		Set the printer's built-in clock. The time that is set here is displayed on the home screen. It is also used for job logs and the printer's status as shown in Epson Edge Dashboard.
Daylight Saving Time	Off*	You can set whether to apply daylight saving time to the clock.
	On	
Time Difference	-12:45 to +13:45	Set the time difference in the coordinated universal time (UTC) in 15 minute increments. Set this as necessary, such as when managing the printer in a network environment that has time differences.
Language	Dutch	Select the language used in the control panel display.
	English*	
	French	
	German	
	Italian	
	Japanese	
	Korean	
	Portuguese	
	Russian	
	Simplified Chinese	
	Spanish	
Traditional Chinese		


Control Panel Menu

Setting Item	Setting	Explanation
Background Color	Gray	Select the color scheme used in the control panel screen. You can set a color scheme that is easy to see in the printer's operating environment.
	Black*	
	White	
Keyboard	QWERTY*	Select the key layout for the text input screen that appears, such as when inputting names to register for media settings.
	AZERTY	
	QWERTZ	
Unit Settings		
Length Unit	m*	Set the units of length used in the control panel screen and when printing test patterns.
	ft/in	
Temperature	°C*	Set the temperature units used on the control panel screen.
	°F	
Printer Settings		




Control Panel Menu

Setting Item	Setting	Explanation
Head Movement Range	Data Width*	You can set the range in which the print head moves during printing.
	Printer Width	With Data Width , the print head moves in the range of the width of the data. Narrowing the range of print head movement increases print speed. With Printer Width , the print head moves in the range of the width of the largest media supported by the printer. Set this option if you need print quality that is more uniform and consistent.
UV Light	On*	Select whether or not (On)/(Off) the UV Light is used.
	Off	When this is On , the UV light irradiates the ink to cure it during printing. Normally, keep this set to On . When this is Off , the UV light does not irradiate during printing. The ink has not cured, so do not allow the ink to touch your skin after printing. It could cause allergic reactions or other problems for people. When this function is turned Off , the UV light does not irradiate when a print job is sent from Epson Edge Print Pro, even if Single Layer (UV Light Irradiation Only) is set in Number and Order of Layering after printing.
Inside Light	Auto*	Select whether the inside light turns on and off automatically.
	Manual	With Auto , the light automatically turns on for operations that need light, such as while printing, and turns off when that operation is complete. With Manual , the light turns on and off only when you press  on the control panel. When you press  during an operation that does not allow the light to turn on, the light turns on as soon as possible.
Deodorizer Fan	On*	Select whether or not (On)/(Off) the Deodorizer Fan is used. Normally, keep this set to On .
	Off	The Deodorizer Fan turns Off in sleep mode. If you want to use the Deodorizer Fan continuously, leave the Sleep Timer set to Off .
Restore Default Settings	Network Settings	Selecting Network Settings returns just the values set in General Settings - Network Settings to their default setting values.
	Clear All Data and Settings	Selecting Clear All Data and Settings returns all the values set in the printer's menus to their default settings.
Network Settings		


Control Panel Menu

Setting Item	Setting	Explanation
Wi-Fi Setup		
	Router	<p>When not connected or disabled</p> <p>Select this setting and press Start Setup on the next screen to display the Wi-Fi Setup Wizard or other menus that allow you to perform connection operations.</p> <p>When connected</p> <p>Press to display the connection status and setup information. Press Change to display the Wi-Fi Setup Wizard or other menus that allow you to change access points.</p> <p> "Switching to Wireless LAN" on page 33</p>
	Wi-Fi Setup Wizard	Displays a list of SSIDs for any detected access points. Select the SSID you want to connect to from the list.
	Push Button Setup(WPS)	If your Wi-Fi router supports WPS (Wi-Fi Protected Setup), you can use this menu to perform connection operations. You do not need an SSID or password. After selecting this menu, hold down the push button on the Wi-Fi router until it starts flashing, and then press Start Setup on the printer's screen to connect.
Others		
	PIN Code Setup(WPS)	If your Wi-Fi router supports WPS (Wi-Fi Protected Setup), you can use this menu to perform connection operations. Press to display the PIN code and Start Setup . Enter the displayed PIN code on your computer within two minutes and press Start Setup to connect.
	Wi-Fi Auto Connect	Use this menu to download and install software from epson.sn , and follow the on-screen instructions to connect to the printer.
	Disable Wi-Fi	<p>When this is performed, the Wi-Fi connection is reset and disconnected. If you encounter Wi-Fi connection problems, you may be able to clear the issue by performing this operation and reconnecting.</p> <p>In addition, if you use this setting when Wi-Fi is not in use, the printer stops emitting signals, which reduces power consumption.</p>

Control Panel Menu

Setting Item	Setting	Explanation
Wi-Fi Direct		<p>When not connected or disabled</p> <p>Select this setting and press Start Setup on the next screen to display Connect to Computer. Press Connect to Computer to enable Wi-Fi Direct and display the SSID and password for the printer.</p> <p>When connected</p> <p>When this is pressed, the SSID, password, and number of devices connected to the printer are displayed. Press Change to display Change Password or other menus.</p> <p> "Directly Connecting Wirelessly (Wi-Fi Direct)" on page 34</p>
Connect to Computer		
Change		
Change Network Name		Change the Wi-Fi Direct connection (SSID) to the printer to any value. If the connection name (SSID) is changed, then all the connected devices will be disconnected. If you change the connection name, then reconnect to connected devices using the new connection name (SSID).
Change Password		You can change the password for Wi-Fi Direct. Changing the password will disconnect all of the computers that are currently connected.
Change Frequency Range	2.4GHz*	Only change this setting when you need to switch the frequency band due to the device you are using.
	5GHz	
Disable Wi-Fi Direct		All the computers currently connected by Wi-Fi Direct are disconnected when this is performed. If you only want to disconnect a specific device, disconnect the device itself.
Restore Default Settings		Returns all Wi-Fi Direct settings to the default settings.
Wired LAN Setup		Press to change a Wi-Fi connection to a wired LAN connection. Press Start Setup to disable the Wi-Fi connection.
		 "Switching to Wired LAN" on page 33
Network Status	Wired LAN/Wi-Fi Status	You can check all the information for the various network settings that are set in Advanced.
	Wi-Fi Direct Status	Selecting Print Status Sheet prints a list of the settings.
	Print Status Sheet	
Connection Check		Checks the network connection status and displays the results of the diagnosis on the screen. If there is a problem with the connection, use the results of the diagnosis to resolve it.
		 "Error Code and Solutions" on page 35

Control Panel Menu

Setting Item	Setting	Explanation
Advanced		
Device Name		Sets the name of the printer to be used on the network.
TCP/IP	Auto*	Automatically sets the printer's IP address using the DHCP function of a router or other device.
	Manual	Select this when assigning a static IP address to the printer, and enter the necessary information, such as the IP address and subnet mask, to make the settings.
Proxy Server	Use	If you are using a proxy server to connect from an intranet to the Internet, and you want to use functions that allow the printer to access the Internet directly, such as firmware updates, set Use , and set the server name and port number.
	Do Not Use*	
IPv6 Address	Enable*	Select whether to enable or disable the IPv6 function.
	Disable	
Link Speed & Duplex	Auto*	Set Auto when using 1000BASE-T Full Duplex.
	100BASE-TX Auto	
	10BASE-T Half Duplex	
	10BASE-T Full Duplex	
	100BASE-TX Half Duplex	
	100BASE-TX Full Duplex	
Redirect HTTP to HTTPS	Enable*	Select whether to enable or disable the automatic redirection of HTTP to HTTPS.
	Disable	
Disable IPsec/IP Filtering		This can only disable the settings.
Disable IEEE802.1X		You can enable settings in Web Config in the built-in software. See the following for how to start Web Config.  "Using Web Config" on page 30

Media Settings Menu

* indicates default settings.

Setting Item	Setting	Explanation
Current Settings		

Control Panel Menu

Setting Item	Setting	Explanation
Media	01 to 30	Displays a list of the values set for the currently selected media settings. You can change the set values by pressing on a setting item.
Media Height		
Media Gap		
Media Management		
01 XXXXXXXXXXXX to 30 XXXXXXXXXXXX (shows the registered name)		
Change Name		Assign a name of up to 20 characters to the media settings to be saved. (You can use either 1-byte or 2-byte characters) Assigning descriptive names makes them easier to identify when making a selection later.
Media Height		
Auto*		Before printing, the media height is automatically detected and then printing starts. Select this option when the media height is not known or the height is difficult to measure. When using Auto , the media must be secured to prevent it from moving. Soft media cannot be detected, so this must be set by using Manual .
Manual		
Value	0.0 to 70.0 mm (0.0*) (0.00 to 2.76 inch) (0.00*)	If you know the height of the media, enter the value. Example) <input type="checkbox"/> When the height of the media is measured <input type="checkbox"/> When the thickness is indicated on the product, such as an acrylic board
Get Measurement		The height is measured once automatically and then the measured value is used continuously after that. Select this option when you want to print on the same media many times but do not know the height of the media, to save the time for each automatic measurement.
Media Gap	1.2 to 3.0 mm (1.2 mm*) (0.05 to 0.12 inch) (0.05 inch*)	This can only be used when Manual is selected for Media Height . Prints with the set gap between the print head and the media. A Media Gap of 1.2 mm is recommended. Increase this distance when printing on curved surfaces. A wider Media Gap can cause the nozzles of the print head to clog and cause contamination inside the printer. A Media Gap of less than 2 mm is recommended when printing on curved surfaces.

Maintenance Menu

* indicates default settings.

Setting Item	Setting	Explanation
Print Head Nozzle Check		

Control Panel Menu

Setting Item	Setting	Explanation
Print Position	Back	<p>A check pattern is printed to check for clogged nozzles in the print head. Inspect the printed pattern visually and perform Head Cleaning if there are faint or missing parts.</p> <p>Select the position you want to print from Front, Center, or Back. Changing the Print Position allows printing the check pattern up to 3 times on A4 size paper.</p> <p>☞ "Checking for Clogged Nozzles" on page 68</p>
	Center	
	Front*	
Head Cleaning		
Cleaning (Recommended)		<p>Perform cleaning at appropriate intensity.</p> <p>Printed check patterns with faint or missing areas can be identified and then cleaned by specifying all colors or white, color, or varnish nozzle rows.</p> <p>☞ "Head Cleaning" on page 69</p>
All Colors		
Select Colors	Color	
	White	
	Varnish	
Cleaning (Light)		<p>You can set one of 2 types of print head cleaning levels.</p> <p>Perform Cleaning (Light) first. If the clogs are not cleared after doing this, then do Cleaning (Heavy).</p> <p>Printed check patterns with faint or missing areas can be identified and then cleaned by specifying all colors or white, color, or varnish nozzle rows.</p> <p>☞ "Head Cleaning" on page 69</p>
All Colors		
Select Colors	Color	
	White	
	Varnish	
Cleaning (Heavy)		
All Colors		
Select Colors	Color	
	White	
	Varnish	
Ink Circulation Cleaning (White)		<p>A characteristic of White ink is that it sediments easily. The density of White ink may become lighter due to the ink's components sedimenting in the ink tubes. Ink Circulation Cleaning (White) eliminates White ink sedimentation and restores White ink density by circulating ink in the tube.</p> <p>See the following for the procedure.</p> <p>☞ "White is lighter than the original white or the white is uneven" on page 94</p> <p>Cleaning is performed for only the White ink.</p>
Replace Maintenance Parts	Wiper Unit	You can check the replacement instructions on the screen. Press How To....
	Air Filter	Start replacing the air filter. Press How To... and you can view the replacement instructions on the screen while you do the replacement.

Control Panel Menu

Setting Item	Setting	Explanation
UV Light Cleaning		<p>Start UV Light Cleaning.</p> <p>Perform this once a month or when the printed area is no longer cured.</p> <p>See the following for more information on cleaning.</p> <p> "Cleaning the UV Light Cover" on page 63</p>
Print Adjustments		
Print Head Alignment		<p>Execute this function if printing on flat media and the outlines of overlapping text or colors are blurred in the printed results.</p> <p>See the following for more details.</p> <p> "Execute Print Head Alignment" on page 93</p>
Gantry Alignment		<p>Execute this if misalignment in the print position and horizontal stripes (banding) occur.</p> <p>See the following for more details.</p> <p> "Procedure for Gantry Alignment" on page 92</p>
Keeping Preparation		<p>Maintenance for long-term storage is required if the printer will not be used for 2 weeks or more. Customers should not execute this menu item. Contact your dealer or Epson Support.</p>
Personal Transport Preparation		<p>Contact your dealer or Epson Support if you will be transporting the printer.</p>

Supply Status Menu

Setting Item	Setting	Explanation
Ink/Wiper Unit		
Ink		Displays the remaining ink levels and ink part numbers
Wiper Unit		Displays the consumption level and model number of the Wiper Unit

Status Menu




Setting Item	Setting	Explanation
Firmware Version		<p>Displays the selected information.</p> <p>Printer Name is the name set in Epson Edge Dashboard.</p>
Printer Name		
Fatal Error Log		
Operation Report	Total Print Numbers*	
	Total Carriage Pass	

* When printing multiple layers, each layer is counted as one sheet.

Problem Solver

What to Do When a Message Is Displayed

If the printer displays one of the messages shown below, refer to the solution listed and take the necessary steps.

Message	What to do
Failed to connect to Wi-Fi. Error code: XXX For more details, see the printer's documentation.	Refer to the following and confirm/implement the measures to be taken based on the error number that is displayed.  "Error Code and Solutions" on page 35
The printer is not connected to the network. Error code: XXX For more details, see the printer's documentation. Do you want to check the network information?	Refer to the following and confirm/implement the measures to be taken based on the error number that is displayed.  "Error Code and Solutions" on page 35 If necessary, check the network information displayed on the screen of the control panel.
UV Light is not available. If the error persists after turning the printer off and back on again, contact Epson Support. For details, see your documentation.	Contact your dealer or Epson Support.
For your safety, refer to the manual and wear protective equipment.	See the following to confirm the protective equipment to wear.  "Preparation" on page 62
The combination of the IP address and the subnet mask is invalid. For details, see your documentation.	Input the correct value in the IP address or the default gateway. If you do not know the correct values, check with your network administrator.
Recovery Mode	Firmware update failed, and the printer started in recovery mode. Follow the steps below to update the firmware again. <ol style="list-style-type: none">1. Connect the printer directly to the computer using a USB cable. (Updates cannot be performed over a wired LAN connection while the printer is in recovery mode.)2. Download the latest firmware from the Epson website, and then start the update.

Problem Solver

When a Maintenance Request/Printer Error Occurs

Message	What to do
Maintenance Request: Replace Parts Soon XXXXXXXXXXXXXXXXXXXX	A part used in the printer is nearing the end of its service life. Contact your dealer or Epson Support and tell them the maintenance request code. You cannot clear the maintenance request until the part is replaced. A printer error occurs if you continue to use the printer.
Maintenance Request: End Of Parts Service Life XXXXXXXXXXXXXXXXXXXX	
Printer error. Turn the power off and on again. For details, see your documentation. XXXXXX	Printer error is displayed in the following cases. <ul style="list-style-type: none"> <input type="checkbox"/> The power cable is not connected securely <input type="checkbox"/> An error that cannot be cleared occurs When a printer error occurs, the printer automatically stops printing. Turn off the printer, disconnect the power cable both from the outlet and from the printer, and then reconnect. Turn the printer on and off several times. If the same printer error is displayed on the LCD panel, contact your dealer or Epson Support for assistance. Tell them the printer error code is "XXXXXX".

Troubleshooting

You Cannot Print (Because the Printer Does Not Work)

The printer does not turn on.

■ **Is the power cable plugged into the electrical outlet and the printer?**

Make sure the power cable is securely plugged into the printer.

■ **Is there a problem with the power outlet?**

Make sure your outlet works by connecting the power cable for another electric product.

The printer is not communicating with the computer.

■ **Is the cable connected properly?**

Confirm that the interface cable is securely connected to both the printer port and the computer. Also, make sure the cable is not broken or bent. If you have a spare cable, try connecting with the spare cable.

■ **Do the cable's specifications satisfy the requirements of the computer?**

Check the model and specifications of the interface cable to see if the cable is appropriate for the type of the computer and specifications of the printer.

 ["System Requirements" on page 102](#)

■ **If you are using a USB hub, is it being used correctly?**

Up to five USB hubs can be daisy chained according to the USB specifications. However, we recommend that you connect the printer to the first hub connected directly to the computer. Depending on the hub you are using, the operation of the printer may become unstable. If this occurs, connect the USB cable directly to your computer's USB port.

■ **Is the USB hub recognized correctly?**

Check if the USB hub is recognized correctly on the computer. If the computer correctly recognizes the USB hub, disconnect all USB hubs from the computer and connect the printer directly to the computer's USB port. Contact the USB hub manufacturer to find out more about USB hub operations.

You cannot print in the network environment.

■ **Are the network settings correct?**

Ask your network administrator for the network settings.

■ **Connect the printer directly to the computer using a USB cable, and then try to print.**

If you are able to print via USB, there is a problem in the network settings. Ask your system administrator, or refer to the documentation for your network system. If you cannot print via USB, see the appropriate section in this User's Guide.

The printer has an error.

■ **Check the message displayed on the control panel.**

 ["Control Panel" on page 12](#)

 ["What to Do When a Message Is Displayed" on page 88](#)

Problem Solver

The Printer Operates, but Does Not Print

The print head moves, but does not print.

■ Check the printer operations.

Print a nozzle check pattern. Because a nozzle check pattern can be printed without connecting to a computer, you can check the operations and print status for the printer.

[☞ "Checking for Clogged Nozzles" on page 68](#)

Check the next section if the nozzle check pattern is not printed correctly.

The nozzle check pattern is not printed correctly.

■ Has the printer been left unused for a long time?

Nozzles may be dried and clogged if the printer is not used for a long time (more than 2 weeks).

Steps to take when the printer has not been used for a long time [☞ "Notes for When Not Using the Printer" on page 20](#)

■ Execute Head Cleaning.

The nozzles may be clogged. Print a nozzle check pattern again after doing Head Cleaning.

[☞ "Head Cleaning" on page 69](#)

Print Results Are Not What You Expected

Print quality is poor, uneven, too light, or too dark, or there are lines in the prints.

■ Has the printer been placed on a level and stable surface?

See the following to confirm that the unit is put on a suitable table or location. If the printer is unbalanced by shaking or vibration, printing will be disrupted.

[☞ "Appropriate Table and Location for Installation" on page 19](#)

■ Is your elbow on the printer while printing?

If the printer is unbalanced by shaking or vibration, printing will be disrupted.

■ Has the printer been placed in a location out of direct sunlight?

The printer should be installed in a location that is out of direct sunlight. Not doing so could cause the print head nozzles to clog.

■ Are the print head nozzles clogged?

If the nozzles are clogged, the corresponding colors do not fire and the print quality declines. Print a nozzle check pattern.

[☞ "Checking for Clogged Nozzles" on page 68](#)

■ Execute Gantry Alignment.

Execute Gantry Alignment when banding (horizontal banding, tint unevenness, or stripes) is detected in printing results.

[☞ "Procedure for Gantry Alignment" on page 92](#)

Problem Solver

■ Are you using the recommended genuine Epson ink supply units?

This printer is developed for use with Epson ink supply units. If you use non-Epson products, printouts may be faint, or the colors may change because the remaining ink levels are not correctly detected. Also, the ink may not cure properly. Be sure to use the correct ink supply units.

■ Are you using old ink supply units?

The print quality declines if you use old ink supply units. Replace them with new ink supply units. We recommend using ink supply units before the expiry date printed on the package (within a year once they are installed in the printer).

■ Have you shaken the ink supply units?

The ink supply units for this printer contain UV ink. Shake the units thoroughly before installing them in the printer. To maintain optimum print quality, we recommend removing and shaking the installed White ink supply unit at the start of every working day and every 24 hours (when a message is displayed), and the other colors once every two weeks. Varnish does not need to be shaken.

 ["Shaking the Ink Supply Units Periodically" on page 67](#)

■ Have you compared the printing result with the image on the display monitor?

Since monitors and printers produce colors differently, printed colors and colors on the screen do not always look the same.

■ Did you open the printer cover while printing?

If the printer cover is opened while printing, the print head stops suddenly and this causes unevenness in the color. Do not open the printer cover while printing.

■ Is Ink is low. displayed on the control panel?

The print quality may decline when the ink is low. We recommend replacing the ink supply units with new ones. If there is a difference in color after replacing an ink supply unit, try performing head cleaning a few times.



Procedure for Gantry Alignment

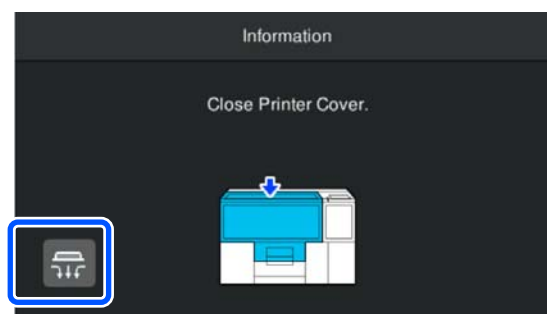
The adjustment pattern is printed. Use a scale to measure the adjustment pattern, and input the measured value. Use a scale that can measure in increments of at least 0.5 mm.

Supported Media

Transparent sheet media that supports inkjet printing of A4 size (210 × 297 mm (8.26 × 11.69 in.))

Adjustment procedure

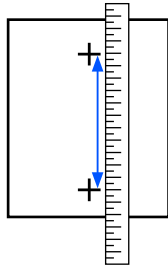
- 1 Load transparent sheet media that supports inkjet printing
Align the right corner of media with the origin in the print area when loading media.
 ["Loading Media on the Flatbed" on page 56](#)
- 2 Check that **Media Gap** on the printer screen is at 1.2 mm.
If **Media Gap** is not 1.2 mm, then press **Media Gap** and set it to 1.2 mm.
- 3 Press  (Maintenance) - **Print Adjustments** - **Gantry Alignment**, in this order.
- 4 Press **Start**.
- 5 Press **Start Printing**.
The adjustment pattern starts printing.
- 6 When printing has finished, and the deodorizer stops, open the printer cover.
- 7 Press the button in the illustration, then when suction is complete, remove the media.



- 8 Close the printer cover.

Problem Solver

- 9 Place the printed adjustment pattern on a flat surface, and then measure it using a scale.



- 10 The screen for entering the results from the adjustment pattern is displayed. Set the values measured in step 9, and then press **OK**.

Execute this function if the outlines of overlapping areas are blurred

- Execute Print Head Alignment.**

Execute Print Head Alignment if when printing on flat media the outlines of overlapping text or colors are blurred in the printed results.

["Execute Print Head Alignment" on page 93](#)
- Are you printing with a large Media Gap?**

If you are printing with a wide Media Gap, select the Print Quality in Epson Edge Print Pro that includes the notation "WG".

If the printed results do not improve, execute Print Head Alignment.

["Execute Print Head Alignment" on page 93](#)

Execute Print Head Alignment

The adjustment pattern is printed. Visually check the adjustment pattern. White ink and Varnish ink are difficult to see and should be checked with a magnifying glass.

Make sure nozzles are not clogged before adjusting.

If nozzles are clogged, adjustments are not performed correctly.

Print a check pattern and visually inspect it, and then perform **Head Cleaning** if necessary.

["Checking for Clogged Nozzles" on page 68](#)

Supported Media

Transparent sheet media that supports inkjet printing of A4 or letter size

Adjustment procedure

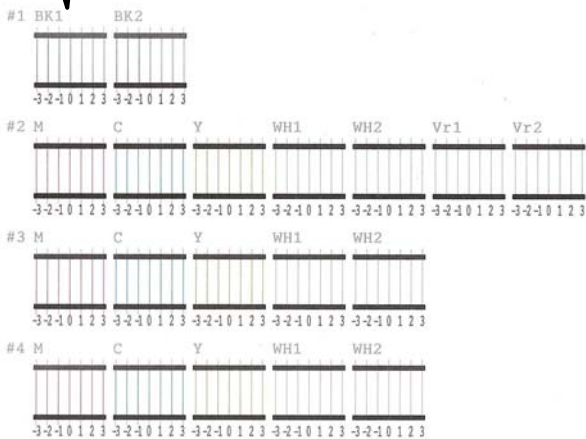
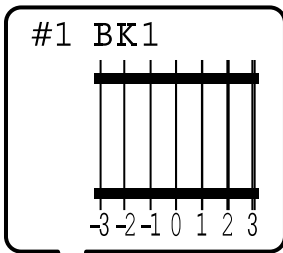
- 1 Load transparent sheet media that supports inkjet printing.
Align the right corner of media with the origin in the print area when loading media.
["Loading Media on the Flatbed" on page 56](#)
- 2 Check that **Media Gap** on the printer screen is at 1.2 mm.
If **Media Gap** is not 1.2 mm, then press **Media Gap** and set it to 1.2 mm.
- 3 Press (Maintenance) - **Print Adjustments** - **Print Head Alignment**, in this order.
- 4 Press **Start**.
The adjustment pattern starts printing. When printing the pattern is complete, the adjustment value entry screen is displayed. Continue to the next procedure.
- 5 When printing has finished, and the deodorizer stops, open the printer cover.
- 6 Press the button in the illustration, then when suction is complete, remove the media.



- 7 Close the printer cover.

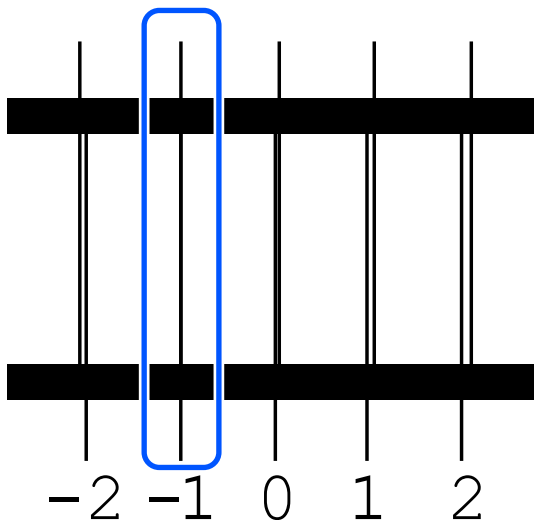
Problem Solver

- 8** Check the printed adjustment pattern.
The adjustment pattern is printed as shown in the illustration.



Check each pattern and select from -3 to 3, where the line appears thinnest (lines overlap) in the pattern.

Select "-1" in the following illustration.



Check the patterns in all the blocks, and then go to the next step.

- 9** Input the adjustment values.
Enter the adjustment values that you selected in step 8 for all of the blocks #1 BK1 to #4 WH2. Inputting all of the adjustment values and pressing **OK** opens a screen for confirming the adjustment values.
Check the adjustment results and press **OK** to reflect the adjustment results to the media settings.

White is lighter than the original white or the white is uneven

- Are the print head nozzles clogged?**
If the nozzles are clogged, nozzles do not fire ink and the print quality declines. Print a nozzle check pattern.
["Checking for Clogged Nozzles" on page 68](#)

- Have you shaken White ink supply units?**
Because the ink particles in White ink can sediment easily, it needs to be shaken at the start of every working day and every 24 hours (when a message is displayed). Remove and thoroughly shake the ink supply unit(s).
["Shaking the Ink Supply Units Periodically" on page 67](#)

- Try increasing the print resolution.**
Use Epson Edge Print Pro to try increasing the print resolution by one in Print Quality.

- Try printing with layered white.**
White can also be compensated for by printing several layers of white in a multi-layer printing process.

If the previous white does not return, even after doing the above measures, and there are no applicable items, do the following measures.

Execute Ink Circulation Cleaning (White)

- 1** Confirm that the power is turned on, and then press in the order of (Maintenance) - **Head Cleaning - Ink Circulation Cleaning (White)**.

Problem Solver

- 2 Check the message, and then press **Start**.

Contact your dealer or Epson Support if you have executed **Ink Circulation Cleaning (White)** two or more times but the previous white still does not return.

Others

Printed area is not cured

■ **Try implementing additional UV light.**

After printing with Epson Edge Print Pro, set **Single Layer (UV Light Irradiation Only)** in **Number and Order of Layering** to apply additional UV lamp irradiation without printing. See the Epson Edge Print Pro manual for more details.

■ **Try exposing the media after printing to sunlight.**

If insufficient curing or odor is a concern, exposing the media to sunlight or other light after printing may improve curing.

■ **Did you clean the UV light cover?**

If ink sticks to the UV light cover, the rays from the UV light are blocked, which makes curing the printed area difficult.

Clean the UV light cover once a month.

["Cleaning the UV Light Cover" on page 63](#)

Smell of UV ink becomes noticeable

■ **Replace the air filters.**

The suggested replacement period for air filters is 6 months.

["Replacing Air Filters" on page 66](#)

Media not detected correctly

■ **Is the media anchored to the flatbed?**

See the following precautions before loading the media.

["Notes on Loading Media" on page 55](#)

■ **Has soft media been loaded?**

See the following precautions before loading the media.

["Confirming Appropriate Height Settings for Media" on page 53](#)

When you want to register Media Height or Media Gap according to the media

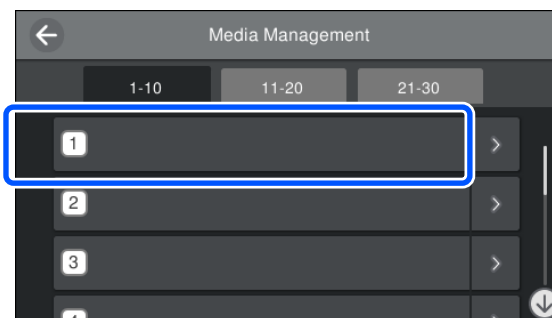
Registering settings for multiple types of frequently used media in **Media Management** so the settings can be conveniently accessed for the optimal values for **Media Height** and **Media Gap**.

Register the media in Media Management on the operation panel.

Use the following procedure to name and register media settings.

- 1 Confirm that the power for the printer is turned on, and then press in the order of (menu) - **Media Settings** - **Media Management**.


- 2 Select the media settings to register.



- 3 Press **Change Name**.
- 4 Input a suitable name, and then press **OK**.
- 5 Set the **Media Height** and **Media Gap** as needed.

Problem Solver

Note:

Press the  on the right edge of the media setting to open the following screen.



This displays a list of the settings for the selected media settings. Pressing the buttons ① to ④ lets you do the following.


- ① (Copy): Allows you to copy the content of the selected settings to a different media setting number. Pressing this button opens a screen where you can select the media setting number to which to copy the settings.
- ② (Edit): Opens a screen in which you can change the content of settings.
- ③: Initializes all the content of the settings.
- ④ (Use This Setting): The selected media settings are used for subsequent print jobs.


I have forgotten the network password

■ Contact your dealer or Epson Support.

The control panel display keeps turning off.

■ **Is the printer in sleep mode?**

Normal operation can be restored by pressing any of the buttons in the control panel to reactivate the display and then performing a hardware operation such as opening the printer cover or sending a job to the printer. You can change the time until going into sleep mode from  (menu) - **General Settings - Basic Settings - Sleep Timer.**

 ["Menu List" on page 73](#)

There is a red light inside the printer

■ **This is not a failure.**

The light is a light inside the printer.

Appendix

Options and Consumable Products

The following options and consumable products are available for use with your printer. (As of April, 2024)

For the latest information, see the Epson Web site.

Ink Supply Unit

Printer model	Product name	Part number
SC-V1000/SC-V1030/ SC-V1050/SC-V1060/ SC-V1070	Black	T53R1
	Cyan	T53R2
	Magenta	T53R3
	Yellow	T53R4
	White	T53RA
	Varnish	T53RV
SC-V1040	Black	T53U1
	Cyan	T53U2
	Magenta	T53U3
	Yellow	T53U4
	White	T53UA
	Varnish	T53UV
SC-V1080	Black	T53V1
	Cyan	T53V2
	Magenta	T53V3
	Yellow	T53V4
	White	T53VA
	Varnish	T53VV

Epson recommends the use of genuine Epson Ink Supply Unit. Epson cannot guarantee the quality or reliability of nongenuine ink. The use of non-genuine ink may cause damage that is not covered by Epson's warranties, and under certain circumstances, may cause erratic printer behavior.

Information about non-genuine ink levels may not be displayed, and use of non-genuine ink is recorded for possible use in service support.

Appendix

Others

Product name	Product number	Explanation
Wiper Unit	S210146	The same as the Wiper Unit supplied with the printer.
Air filter	S210148	2 pieces. The same as the air filter supplied with the printer.

Moving and Transporting the Printer

This section explains how to move or transport the printer.

For the purposes of this section, moving and transporting are defined as follows.

Moving	Changing the installation location on the same floor without having to use any steps.
Transporting	Changing the installation location to another floor or building. This includes situations in which the printer is outsourced to a carrier.

Notes When Moving or Transporting the Printer

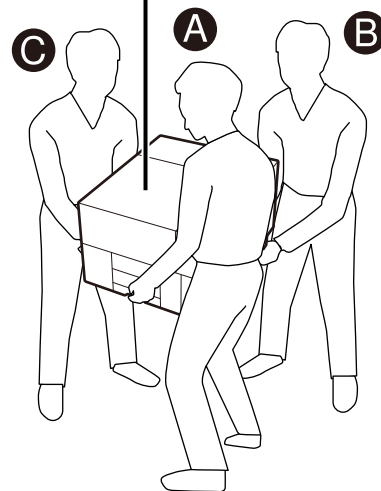
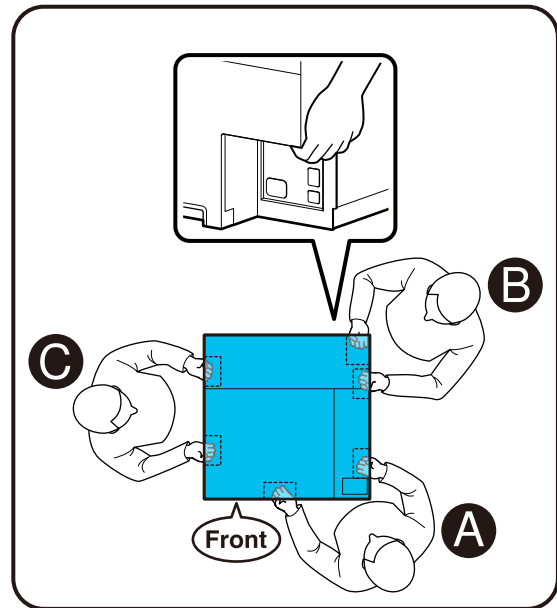
Caution:

- ❑ Do not attempt to carry the printer on your own. When the printer is packed and moved, it should be carried by three people.
- ❑ When moving the printer, do not tilt it more than 10 degrees. Otherwise it could fall and cause an accident.
- ❑ When lifting the printer, adopt a suitable posture.
- ❑ When lifting the printer, hold it in the areas indicated in the manual.
It may cause an injury if you lift the printer by holding other areas since the printer may fall, or your fingers may be caught when placing the printer.

Holding the Printer

When lifting the printer, be sure to place your hands at the points shown in the illustration. Holding it at any other points may cause a malfunction to occur.

The left hand handle of **A** is hidden by a cover. See "Preparing to Move" below to remove the cover.



Important:

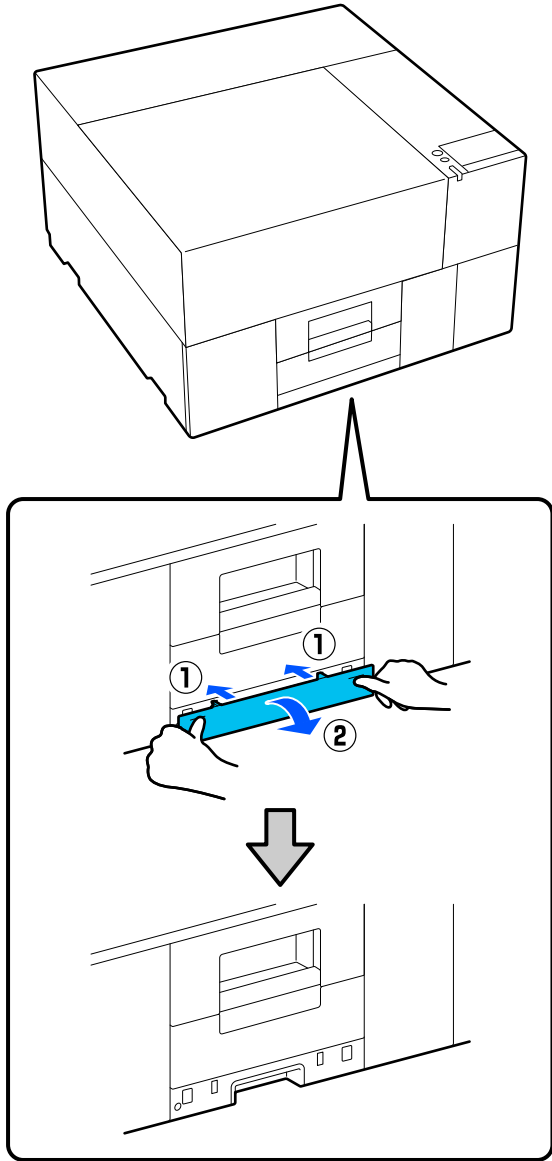
- ❑ Touch only the necessary areas; otherwise, a malfunction may occur.
- ❑ Do not remove the ink supply units. The print head nozzles may become clogged making it impossible to print, or ink may leak.

Preparing to Move

- 1 Turn off the printer, and disconnect all cables, such as the power cable, from the printer.

Appendix

- 2** Press the areas shown in the illustration with your fingers to remove the cover.
When the cover is removed, there is a handle.



After moving, see the following to make sure that the printer is ready for use again.

[“Setting up the Printer After Moving” on page 100](#)

Setting up the Printer After Moving

This section explains how to prepare the printer for use after moving.

Note the following points when connecting the power cable.

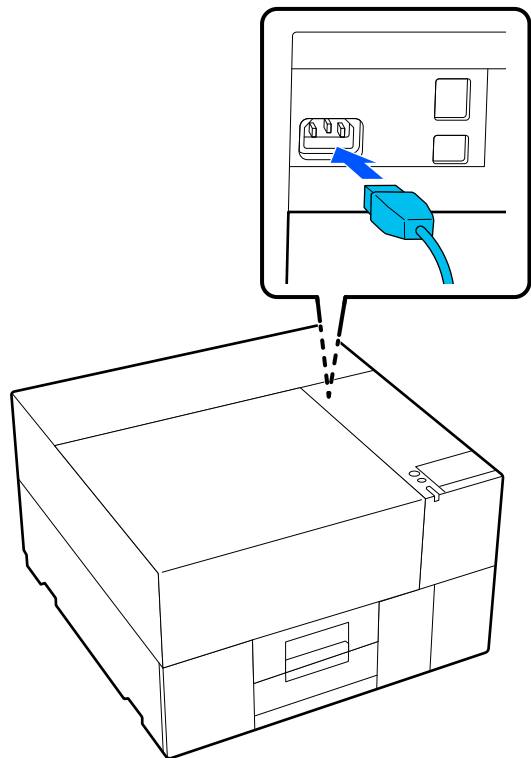
Warning:

- ❑ To prevent accidents due to electrical leakage, connect to an outlet with a grounded (earthed) connector. Connecting to an outlet other than a grounded outlet may cause electric shock or fire. Check the power outlet you are going to use. If the outlet does not have a grounded connector, contact your dealer or Epson Support.
- ❑ Use only the type of power source indicated on the printer's label. An electric shock or fire could occur.
- ❑ Do not connect the power cable to a power strip or multi plug. An electric shock or fire could occur. Connect the power cable directly to an outlet for domestic use.

- 1** Check that the location is appropriate for installation.

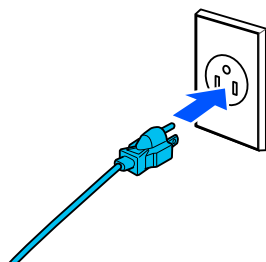
[“Appropriate Table and Location for Installation” on page 19](#)

- 2** Connect the power cable to the printer.



Appendix

- 3** Plug the power cable into an outlet with a grounded (earthed) connector, and then turn on the printer.



! **Important:**

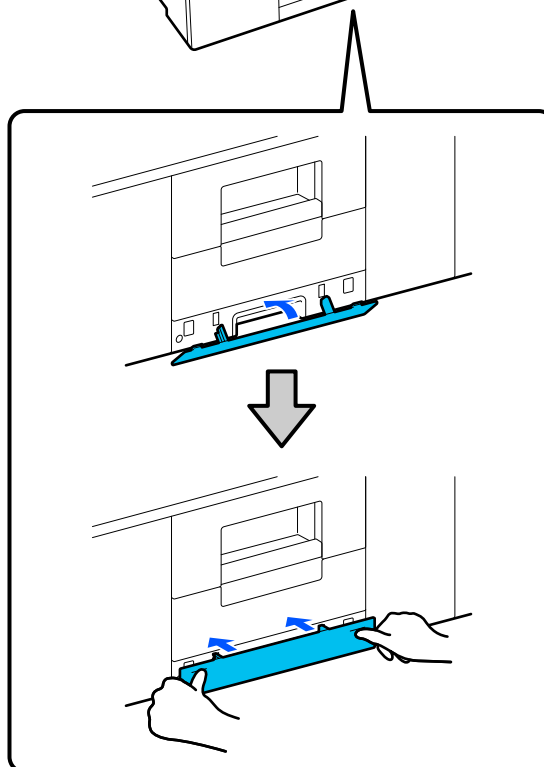
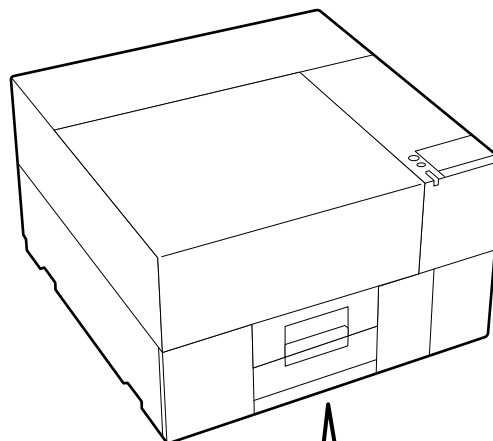
The shape of the power plug varies depending on the country or region. Be sure to use the power cable supplied with the printer.


- 4** Connect the printer to a computer using a cable.

See the following for the location of the printer's USB and LAN ports.

 ["Front and Back" on page 8](#)

- 5** Attach the cover that was removed for moving. Align the protruding parts with the holes and press on the areas shown in the illustration to attach the cover.



- 6** Check that there are no clogged nozzles.
 ["Checking for Clogged Nozzles" on page 68](#)

Transporting the Printer

Before transporting the printer, contact your dealer or Epson Support.

System Requirements

Each software can be used in the following environments. (As of April, 2024)

The supported operating systems may change.

For the latest information, see the Epson Web site.

Epson Edge Dashboard

Important:

Make sure the computer on which the Epson Edge Dashboard is installed meets the following requirements.

If these requirements are not met, the software cannot monitor the printer correctly.

- Disable your computer's hibernate function.*
- Disable the sleep function so that the computer does not enter sleep status.*

Windows

Operating systems	Windows 7 SP1 / Windows 7 x64 SP1 Windows 8 / Windows 8 x64 Windows 8.1 / Windows 8.1 x64 Windows 10 / Windows 10 x64 Windows 11
CPU	Intel Core2Duo 2.5GHz or more
Free memory	1GB or more
Hard disk (free space during installation)	2 GB or more
Display resolution	1280 x 1024 or better
Browser	Internet Explorer 11 Microsoft Edge

Mac

Operating systems	Mac OS X 10.7 Lion or later
CPU	Intel Core2Duo 2.5GHz or more
Free memory	1GB or more
Hard disk (free space during installation)	2 GB or more
Display resolution	1280 x 1024 or better
Browser	Safari 6 or later

Appendix

Epson Edge Print Pro

Operating systems	Windows 8.1 x64 / Windows 10 x64 / Windows 11
CPU	Intel® Core™ i3 3.0 GHz or faster (released after April 2014)
Available memory capacity	8 GB or more
Storage (free space during installation)	50 GB or more
Display resolution	1280 x 1024 or better

The computer on which Epson Edge Print Pro is installed is expected to be able to simultaneously use other applications, such as Adobe Illustrator. Therefore, we recommend using a computer with the highest specifications available.

In addition, the data that Epson Edge Print Pro handles is normally several GB, and could reach several tens of GB for long high-quality print jobs.

Because of this, we recommend a computer that has a hard disk with sufficient surplus available memory capacity.

Web Config

The following is a list of supported browsers. Make sure you are using the latest version.

Internet Explorer 11, Microsoft Edge, Firefox, Chrome, Safari

Appendix

Specifications Table

Printer Specifications	
Printing method	On-demand ink jet
Nozzle configuration	
Other than WH, Vr	180 nozzles × 4 colors (Black, Cyan, Magenta, Yellow)
WH, Vr	180 nozzles × 2 rows × 2 colors (White, Varnish)
Resolution (maximum)	1440 × 1440 dpi
Control code	ESC/P raster (undisclosed command)
Platen feed method	Gantry type
Built-in memory	1 GB
Interface	
USB	SuperSpeed USB
Ethernet* ¹ standards	IEEE802.3i (10BASE-T) IEEE802.3u (100BASE-TX) IEEE802.3ab (1000BASE-T)* ² IEEE 802.3az (Energy-saving model. Requires a connection device that supports IEEE802.3az.)
Wireless LAN	

Printer Specifications	
Standards* ³	SC-V1000 or the SC-V1030 sold outside Taiwan: IEEE802.11b/g/n Other than the above: IEEE802.11b/g/n/a/ac
Frequency Range	IEEE802.11b/g: 2.4 GHz IEEE802.11n: 2.4 GHz (HT20 only) IEEE 802.11a/n/ac: 5 GHz
Connection mode	Infrastructure Wi-Fi Direct (simple AP) (Not supported for IEEE 802.11b)
Wireless security	WEP (64bit/128bit) WPA-PSK (TKIP) WPA2-PSK (AES)* ⁴ WPA3-SAE WPA2-Enterprise (AES) (EAP-TLS/PEAPTLS/PEAPMSCHAPv2/EAP-TTLS) WPA3-Enterprise
Network printing protocols/functions* ⁵	EpsonNet Print (Windows) Standard TCP/IP (Windows) WSD Printing (Windows) Bonjour (Mac) IPP Printing (Windows) IPP Printing (Mac) IPPS Printing (Windows) IPPS Printing (Mac) FTP Printing
Security standards/protocols	SSL/TLS (HTTPS Server/Client, IPPS) IEEE802.1X IPsec/IP Filtering SMTPS (STARTTLS, SSL/TLS) SNMPv3
Rated voltage	AC100-240 V
Rated frequency	50/60 Hz
Rated current	6.4-3.8 A
Power consumption	
While printing	Approximately 170 W
Ready mode	Approximately 80 W
Sleep mode	Approximately 2.6 W
Power off	Approximately 0.1 W

Appendix

Printer Specifications	
Temperature	Recommended: 20 to 25°C (68 to 77°F) Operating: 15 to 30 °C (59 to 86 °F) Storage (before unpacking): -20 to 40 °C (-4 to 104 °F) (within 120 hours at 60 °C /140 °F, within one month at 40 °C /104°F) Storage (after unpacking): -20 to 40 °C (-4 to 104 °F) (within one month at 40 °C /104 °F)
Humidity (without condensation)	Recommended: 40 to 60% Operating: 20 to 80% Storage: 5 to 85%
Operating temperature/humidity Gray area: When in use Diagonal line area: Recommended	
<p>The graph plots humidity (%) on the y-axis (20 to 85) against temperature (°C) on the x-axis (10 to 35). A gray shaded area indicates 'When in use' conditions, covering temperatures from 15°C to 30°C and humidity from 20% to 80%. A hatched area indicates 'Recommended' conditions, covering temperatures from 20°C to 25°C and humidity from 40% to 60%.</p>	
Dimension	Storage: (W) 699 × (D) 699 × (H) 426 mm ([W] 27.5 x [D] 27.5 x [H] 16.8 in.) Maximum (printer cover open) (W) 699 × (D) 699 × (H) 942 mm ([W] 27.5 x [D] 27.5 x [H] 37 in.)
Weight (Ink supply unit, air filters, and wiper unit not included)	Approx. 59 kg (approx. 130 pounds)

*1 Use a shielded twisted pair cable (category 5e or higher).

- *2 We recommend using a 1000BASE-T connection when printing.
- *3 We recommend using IEEE802.11n/ac connections when printing
- *4 Complies with WPA2 standards with support for WPA/WPA2 Personal.
- *5 EpsonNet Print supports IPv4 only. The others support both IPv4 and IPv6.



Important:

Use this printer at altitudes below 2000 m (6,562 ft.).



Warning:

This is a class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.



Warning:

To prevent radio interference to the licensed service, this device is intended to be operated indoors and away from windows to provide maximum shielding. Equipment (or its transmit antenna) that is installed outdoors is subject to licensing.

For users in Malaysia


Frequency Band: 2400 - 2483.5 MHz

Ink supply unit specifications

Type	Dedicated ink supply unit
Types of ink	UV curable ink
Expiry date	Time limit printed on the package and ink supply unit (when stored at normal temperature)
Print quality guarantee expiry	1 year (after installed in printer)

Appendix

Ink supply unit specifications	
Temperature	<p>Operating: 15 to 30 °C (59 to 86 °F)</p> <p>In storage (in package) and after installation in printer: -20 to 40 °C (-4 to 104 °F) (within 4 days at -20 °C /-4 °F, a month at 40 °C /104 °F)</p> <p>Transporting (in package): -20 to 60 °C (-4 to 140 °F) (within 4 days at -20 °C /-4 °F, a month at 40 °C /104 °F, 72 hours at 60 °C /140 °F)</p>
External dimensions (approximate)	(W) 81 × (D) 261 × (H) 25 mm ([W] 3.2 x [D] 10.3 x [H] 0.98 in.)
Capacity	140 ml (4.7 oz)

 **Important:**
Do not refill the ink.