

## vretti 420B

# vretti Thermal Label Printer User Manual

Model: 420B-5G | USB+WiFi Connection

## 1. INTRODUCTION

Thank you for choosing the vretti Thermal Label Printer. This manual provides detailed instructions for setting up, operating, and maintaining your printer. This printer is designed for efficient and high-speed printing of various labels, including shipping, address, barcode, and custom labels, supporting both wireless (2.4GHz WiFi) and USB connections across multiple operating systems.

## 2. PRODUCT OVERVIEW

The vretti Thermal Label Printer is a versatile device featuring advanced thermal printing technology, eliminating the need for ink or toner. It is equipped with a built-in label bin for convenience and supports a wide range of label sizes.

### Key Features:

- **Wireless Printing:** Supports 2.4GHz WiFi connectivity for printing from Windows, macOS, iOS (iPhone/iPad), and Android systems.
- **USB Connection:** Compatible with Windows, macOS, Chrome OS, and Linux via USB cable.
- **Broad Platform Compatibility:** Seamlessly integrates with major e-commerce and logistics platforms such as Amazon, eBay, Shopify, USPS, UPS, FedEx, DHL, and more.
- **Built-in Label Bin:** Features an integrated label holder, accommodating rolls up to 500 4x6 inch labels, eliminating the need for an external holder.
- **Versatile Label Support:** Prints direct thermal labels with widths ranging from 1 inch (25.4mm) to 4.5 inches (115mm), with a maximum print width of 4.25 inches (108mm). Ideal for 4x6 inch shipping labels, warehouse labels, barcodes, ID labels, and more.
- **High-Speed Printing:** Capable of printing at speeds up to 152mm/s, or approximately 72 4x6 inch labels per minute.



Figure 2.1: vretti Thermal Label Printer with a sample label and connectivity icons.



Figure 2.2: Connectivity options and key features of the vretti Thermal Label Printer.

## 3. SETUP AND INSTALLATION

### 3.1 Unpacking and Initial Setup

1. Carefully remove the printer and all accessories from the packaging.
2. Connect the power adapter to the printer and plug it into a power outlet.
3. Turn on the printer using the power switch.

### 3.2 Loading Labels

The printer features a built-in label bin. Open the top cover of the printer. Place your roll of direct thermal labels into the bin, ensuring the labels feed smoothly through the guide. Close the cover. The printer will automatically detect the label size.



Figure 3.1: Loading labels into the built-in label bin.

### 3.3 Driver and Software Installation

Before printing, ensure the correct drivers are installed for your operating system.

- **Windows/macOS/Linux (USB Connection):**

Connect the printer to your computer via the provided USB cable. Drivers can typically be found on the included U-disk or downloaded from the official vretti support website. For macOS, if you encounter "The application can't be opened" during installation, go to "System Settings" > "Privacy & Security", scroll down, and click "Open Anyway".



Figure 3.2: USB and WiFi connectivity options.

- **Chrome OS:**

Obtain the Chrome OS extension from the included U-disk. Drag the extension file to the Chrome extensions page to install.



Figure 3.3: Installing the Chrome OS extension.

- **Mobile Devices (iOS/Android - WiFi Connection):**

Download the "EZLABEL" app from your device's app store. This app is required for wireless printing from mobile devices. Ensure your mobile device and printer are connected to the same 2.4GHz WiFi network.

Download EZLABEL app: [EZLABEL Download](#)

- **General Driver/Software Download:**

For additional drivers or software, including the 4Barcode software, please visit: [4Barcode Download](#)

## 4. OPERATING INSTRUCTIONS

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### 4.1 Connecting to WiFi

To connect your printer to a WiFi network, follow the instructions provided in the EZLABEL app for mobile devices or the printer's software utility for desktop operating systems. Ensure your network is 2.4GHz, as 5GHz networks are not supported.

### 4.2 Printing Labels

Once drivers are installed and the printer is connected (via USB or WiFi), you can print labels from your preferred application (e.g., shipping software, word processor).

- Ensure the label size settings in your printing application match the physical labels loaded in the printer.
- The printer supports label widths from 0.78 inches (19mm) to 4.6 inches (116mm).
- The printer automatically detects label size for optimal printing.



# Adjust your Label width

Label Width: **0.78"-4.6"** (19-116mm)

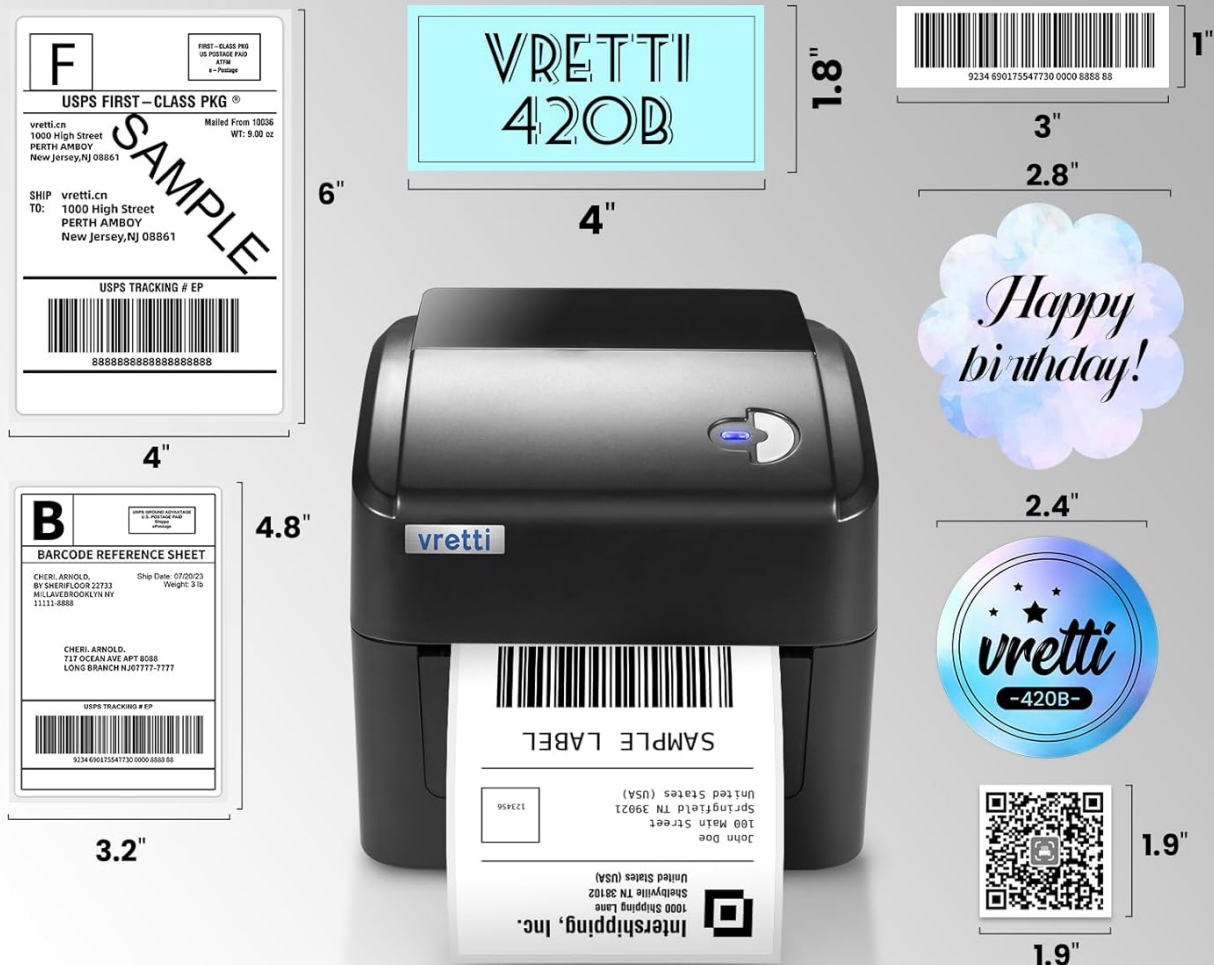


Figure 4.1: Supported label widths and types.

# Clear & High-Speed Printing

**152** mm/s  
Print Speed

**72** Pcs/min  
Print Labels



The image depicts a man in a white cap and brown vest working at a wooden table in a warehouse. A black label printer is on the table, and several labels are being printed. The labels feature barcodes and text, including 'SAMPLE LABEL' and 'BYCODE REFERENCE SHEET'. The background shows warehouse shelves with boxes and a brick wall. The text 'Clear & High-Speed Printing' is at the top, followed by '152 mm/s Print Speed' and '72 Pcs/min Print Labels' in large, stylized fonts.

Figure 4.2: High-speed printing capability.



## Compatible With Major E-commerce Platforms



Figure 4.3: Compatibility with major e-commerce platforms.



# Shipping Labels | Address Labels | Item Barcodes | Business Logo DIY Labels



Figure 4.4: Diverse label applications.

## 5. MAINTENANCE

### 5.1 Cleaning the Printer

Regular cleaning ensures optimal print quality and extends the life of your printer.

- Turn off and unplug the printer before cleaning.
- Use a soft, lint-free cloth dampened with isopropyl alcohol to gently wipe the print head and platen roller.
- Remove any dust or label residue from the label path and inside the label bin.
- Allow all components to dry completely before plugging in and turning on the printer.

### 5.2 Label Bin Maintenance

Ensure the label bin is free of debris and that labels are loaded correctly to prevent jams. The built-in label bin is designed for rolls with diameters less than 11cm (4 inches).

## 6. TROUBLESHOOTING

Common Issues and Solutions:

Problem	Possible Cause	Solution
Printer not responding / No power	Power cable loose; Printer off; Power outlet issue.	Check power connections; Ensure printer is turned on; Try a different power outlet.
"The application can't be opened" (macOS)	Security settings blocking unsigned application.	Go to "System Settings" > "Privacy & Security", scroll down and click "Open Anyway" for the driver installer.
Cannot print via WiFi	Incorrect WiFi network (5GHz); Printer not connected to network; App not configured.	Ensure printer and device are on the same 2.4GHz WiFi network; Reconfigure WiFi settings in the EZLABEL app or printer utility.
Poor print quality / Blank labels	Print head dirty; Incorrect label type (not direct thermal); Labels loaded incorrectly.	Clean the print head; Ensure you are using direct thermal labels; Reload labels correctly.
Labels not feeding correctly / Jams	Label path obstructed; Labels not aligned; Label roll too large for bin.	Clear any obstructions; Realign labels; Ensure label roll diameter is less than 11cm (4 inches).

7. SPECIFICATIONS

Feature	Detail
Brand	vretti
Model Name	420B-5G
Connectivity Technology	Wi-Fi (2.4GHz), USB
Printing Technology	Thermal
Printer Output	Monochrome
Max Print Speed (Monochrome)	72 ppm (4x6 labels/minute)
Max Copy Resolution (Black-White)	203 DPI
Maximum Media Size	4x6 inches (Max print width 4.25 inches / 108mm)
Supported Label Width	1" (25.4mm) to 4.5" (115mm)
Product Dimensions	8"D x 6.69"W x 5.9"H (20.32 x 17 x 15 cm)
Item Weight	4.58 pounds (2.08 kg)
UPC	717813676710
Special Feature	Portable, Built-in Label Bin

## 8. WARRANTY AND SUPPORT

### 8.1 Warranty Information


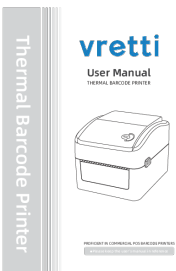

The vretti Thermal Label Printer comes with a limited warranty. Please refer to the warranty card included in your product packaging for specific terms and conditions. Retain your proof of purchase for warranty claims.

### 8.2 Customer Support

For technical assistance, troubleshooting not covered in this manual, or warranty inquiries, please contact vretti customer support.

- **Online Support:** Visit the official vretti website for FAQs, drivers, and contact information.
- **Seller Support:** For purchase-related inquiries, you may also contact the seller "vretti-us" through the platform where you purchased the product.

### Related Documents - 420B

 The image shows the cover of the Vretti 420B USB+WIFI User Manual. It features the vretti logo at the top, followed by the text '420B USB+WIFI User Manual'. Below this is a photograph of the black printer with a barcode label being printed. At the bottom, it says 'PROOF COPY IN COMMERCIAL BARCODE PRINTERS'.	<p><a href="#">Vretti 420B USB+WIFI User Manual</a></p> <p>User manual for the Vretti 420B USB+WIFI barcode printer, covering installation, setup, troubleshooting, and usage for various operating systems including Windows, Mac, Linux, iOS, Android, and ChromeOS.</p>
 The image shows the cover of the Vretti 420B Thermal Barcode Printer User Manual. It features the vretti logo at the top, followed by the text 'User Manual THERMAL BARCODE PRINTER'. Below this is a photograph of the white printer. On the left side, there is a vertical label that reads 'Thermal Barcode Printer'. At the bottom, it says 'PROOF COPY IN COMMERCIAL BARCODE PRINTERS'.	<p><a href="#">Vretti 420B Thermal Barcode Printer User Manual</a></p> <p>User manual for the Vretti 420B Thermal Barcode Printer, covering installation, driver setup for Windows and Mac, browser printing, button functions, LED status, specifications, and troubleshooting.</p>
 The image shows the cover of the Vretti DT108B Installation Guide: Setup for Windows and Mac. It features the vretti logo at the top, followed by the text 'vretti Contents DT108B Installation Guide Printer Model: 4B-2054F'. Below this is a table of contents with the following items: 'Getting Driver' (2), 'Windows Driver Installation' (3), 'Mac Driver Installation' (11), and 'Tech Support' (16).	<p><a href="#">vretti DT108B Installation Guide: Setup for Windows and Mac</a></p> <p>Comprehensive installation guide for the vretti DT108B label printer. Learn how to install drivers for Windows and macOS, connect your printer, and perform a test print. Includes troubleshooting tips and support contact information.</p>

vretti

410B USB (Driver model 4B-2014E)  
User Manual



[Vretti 410B USB User Manual: Installation and Operation Guide](#)

Comprehensive user manual for the Vretti 410B USB barcode printer. Includes detailed instructions for installation, setup, printing, troubleshooting, and maintenance across Windows, macOS, Linux, and ChromeOS.