

imageCLASS MF450 Series

Print up to 40 ppm (MF453dw)/
34 ppm (MF452dw/MF451dw)

Print up to 8.5" x 14"

900-sheet maximum paper capacity

Three- and one-year limited warranties standard¹

Designed for small and medium-size businesses, the Canon imageCLASS MF450 Series models balance speedy performance, minimal maintenance, and the ability to add an optional paper tray. A 5" color touchscreen delivers an intuitive user experience and can be customized by a device administrator to help simplify many daily tasks.

Black-and-White
Multifunction



MF453dw Shown



USABILITY

- 5" intuitive, color touchscreen with smartphone-like usability.
- A unique, customizable device experience with Application Library.
- Create Wi-Fi® Direct hotspot from the printer to establish direct connection to compatible mobile device(s)² without the need for an external router.



QUALITY AND RELIABILITY

- Canon's signature reliability and engine technologies help keep productivity high and help minimize the impact on support resources.
- Intuitive maintenance videos are available for common tasks like consumables replacement.
- Designed to achieve maximum uptime with status notifications to help keep supplies replenished.



WORKFLOW EFFICIENCY

- Supports compatible mobile solutions² for printing and scanning.
- Scan and convert documents to searchable digital files through a single-pass duplex document feeder.
- Designed for small print jobs with first-print time as fast as 5.4 seconds.



COST EFFICIENCY

- High-capacity, all-in-one cartridge helps reduce overall supply costs.
- Out-of-the-box, standard two-sided printing plus the ability to print multiple pages onto one page helps to reduce paper consumption.



SECURITY FEATURES

- Short-term memory storage helps reduce risk of confidential information loss.
- Security settings can be set behind an administrator log-in.
- Verify System at Startup is a process to help verify the validity of the device firmware and Application Library from unauthorized modifications.



SUSTAINABILITY

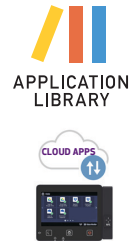
- A combination of fusing technologies and low-melting-point toner minimizes power requirements and helps achieve low energy consumption.
- Encourages environmentally conscious work practices by enabling multiple settings that can help save paper and energy.
- ENERGY STAR® certified and currently rated EPEAT® Silver.³

KEY FEATURES



CUSTOMIZABLE, 5-INCH COLOR TOUCHSCREEN

Easily access the features you use the most with Application Library. Application Library's Cloud App feature also supports cloud storage directly from an external webpage. Print or scan⁴ documents directly to or from DropBox, Google Drive, or OneDrive.



EASY SETUP

- 1) Press "Wireless LAN" Button
- 2) Select "Network"
- 3) Enter Encryption Key/Password
- 4) Finalize



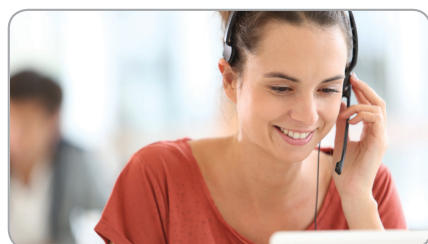
MOBILE-FRIENDLY DEVICE ACCESS

From application-based to cloud-based to device native, the imageCLASS MF450 Series models offer a variety of methods for printing from a mobile phone or tablet across compatible iOS and Android devices.² The Canon PRINT Business application, which supports both platforms, offers access to additional device settings as well as the ability to scan from the printer to a compatible mobile phone or tablet.



FAST, SINGLE-PASS DUPLEX SCANNING

The imageCLASS MF450 Series leverages a single-pass document feeder for two-sided scanning at up to 70 images per minute (ipm) in black and white or up to 26 ipm in color. Scanned files can be converted into multiple file formats, including Hi-Compression PDF and Searchable PDF (OCR).



SERVICE AND SUPPORT

Canon U.S.A. takes pride in delivering complete customer satisfaction. Canon's friendly and knowledgeable Customer Service Team provides expert assistance for every level of experience, offering the support, peace of mind, and value your business deserves. The MF453dw comes with a three-year limited warranty, and the MF452dw/MF451dw include a one-year limited warranty.



Main Unit**Core Functions (Standard)**

MF453dw:	Print, Copy, Scan
MF452dw:	Print, Copy, Scan, Fax
MF451dw:	Print, Copy, Scan

Item Code

MF453dw:	5161C011
MF452dw:	5161C012
MF451dw:	5161C013

Processor

Canon Custom Processor

Control Panel

5" Color Touch Panel

Memory

1 GB

Standard Interface Connection

USB 2.0 High-Speed, 10/100/1000Base-T Ethernet (Network), Wi-Fi 802.11b/g/n, Wi-Fi® Direct Connection

Paper Capacity (Letter, 20 lb. Bond)

Standard:	350 Sheets
Maximum:	900 Sheets

Paper Sources (Letter, 20 lb. Bond)

Standard:	250-sheet Paper Cassette, 100-sheet Multipurpose Tray
Optional:	550-sheet Paper Cassette (Cassette Unit-AH1)

Paper Output Capacity (Letter, 20 lb. Bond)

Standard: 65 Sheets

Supported Media Types

Cassettes:	Thin, Plain, Recycled, Thick, Bond
Multipurpose Tray:	Thin, Plain, Recycled, Thick, Bond, Label, Envelope (10 Envelopes)

Supported Media Sizes

Cassettes:	Letter, Legal, Statement, Executive Custom (Min. 4.1" x 5.8" to Max. 8.5" x 14")
Multipurpose Tray:	Letter, Legal, Statement, Executive Envelope: COM10, Monarch, C5, DL Custom (Min. 3" x 5" to Max. 8.5" x 14")

Supported Media Weights

Cassettes:	16 lb. Bond to 32 lb. Bond (60 to 120 g/m ²)
Multipurpose Tray:	16 lb. Bond to 43 lb. Bond (60 to 163 g/m ²)

Warm-up Time

From Power On:	14 Seconds or Less
From Sleep Mode:	4 Seconds or Less

Dimensions (W x D x H)

Standard (Desktop):	17.8" x 18.3" x 15.4" (453 mm x 464 mm x 392 mm)
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Installation Space (W x D x H)

Standard (Desktop):	17.9" x 34.8" x 26.2" (453 mm x 883 mm x 664 mm)
Fully Configured:	17.9" x 34.8" x 31.3" (453 mm x 883 mm x 795 mm)

Weight⁵

Unit:	Approx. 35.7 lb. (16.2 kg)
Boxed Weight:	Approx. 46 lb. (20.8 kg)

Operating System

UFR II/PCL/PS: Windows® 8.1/10, Windows Server 2012 R2/2016/2019, Mac OS X v10.11 (or later)

Print Specifications**Printing Method**

Laser Beam Printing

Print Speed⁶

Up to 40 ppm (Letter); Up to 32.4 ppm (Legal)

First-Print-Out Time

Approx. 5.4 Seconds

Recommended Monthly Page Volume

750 - 4,000 Pages

Print Resolution (dpi)

600 x 600

Standard Page Description Languages

UFR II, PCL®6, PCL®5, Adobe PostScript 3®

Double-Sided Printing

Automatic (Standard)

Direct Print

Available from USB Memory (JPEG, TIFF, PDF)

Printing from Mobile and Cloud-based Services²

Apple® AirPrint®, Canon PRINT Business, Mopria™ Print Service

Fonts

PCL:	45 Fonts
PS:	136 Fonts

Print Features

Secured Watermark, Header/Footer, Page Layout, Two-sided Printing, Mixed Paper Sizes, Orientations, Toner Reduction, Poster Printing, Print Date, Collating, Grouping, Page Border,⁷ Booklet Printing⁷

Copy Specifications**Copy Speed**

MF453dw:	40 ppm
MF452dw/451dw:	34 ppm

First-Copy-Out Time (Letter)

Approx. 6.2 seconds

Copy Resolution (dpi)

600 x 600

Copy Size

Platen: Up to Letter
ADF: Up to Legal

Multiple Copies

Up to 999 Copies

Magnification

25% - 400% (1% Increments)

Preset Reductions

25%, 50%, 64%, 78%

Preset Enlargements

129%, 200%, 400%

Copy Features

Preset R/E Ratios by Area, Two-Sided, Density Adjustment, Original Type Selection, Two-sided Original, Sort, N on 1, Different Size Originals, Sharpness, Erase Frame, Copy ID Card, Copy Passport, Paper Settings, Favorite Settings, Cancel, Collate

Scan Specifications**Type**

Single-Pass Duplexing Automatic Document Feeder

Document Feeder Paper Capacity

50 Sheets (20 lb. Bond)

Document Feeder Supported Media Sizes

Legal, Letter, Statement

Document Feeder Supported Media Weights

Single and Double-sided scanning: 13-28 lb. Bond (50-105 g/m²)

Platen Acceptable Originals

Sheet, Book

Pull Scan

ScanGear MF for TWAIN, WIA, and ICA

Scan Resolution (dpi)

Up to 600 x 600

Scan-to-Mobile Devices

Canon PRINT Business

Scan Speed (Letter)

Single-sided:	13/38 ipm (300 x 300 dpi) (Color/BW)
Double-sided:	26/70 ipm (300 x 300 dpi) (Color/BW)

Memory Media

Standard USB Memory (JPEG, TIFF, PDF)

Send Specifications**Destination**

Email/Internet FAX (SMTP), SMB, FTP, Super G3 FAX

Address Book

LDAP (50)/Local (300)/Speed Dial (281)

Send Resolution (dpi)

300 x 300

Communication Protocol

File:	FTP, SMB
Email/iFax:	SMTP, POP3, iFax (Simple)

File Format

Standard: TIFF, JPEG, PDF (Compact, Searchable)

Fax Specifications (MF452dw only)**Modem Speed**

Super G3:	33.6 kbps
G3:	14.4 kbps

Compression Method

MH, MR, MMR, JBIG

Resolution (dpi)

400 x 400, 200 x 400, 200 x 200, 200 x 100

Sending/Recording Size

Statement to Legal

Fax Memory

Up to 512 Pages

Speed Dials

Max. 281 Dials

Group Dials/Destinations

Max. 299 Dials

Sequential Broadcast

Max. 310 Addresses

Memory Backup

Yes

Fax Features

Sender's Name, Direct Send, TX Report, Sequential Broadcasting, Sending 2-Sided document, Resolution, RX mode, Density, Sharpness, Favorite Settings

Security Specifications**Authentication**

Standard: Department ID Authentication

Data

Standard: Verify System at Startup

Network

Standard: IP/MAC Address Filtering, IPSEC, TLS Encrypted Communication, SNMP V3.0, IEEE 802.11b/g/n, IPv6, SMTP Authentication, POP Authentication before SMTP

Document

Standard: Secure Print, Searchable PDF

Wi-Fi Authentication Methods

Wi-Fi Infrastructure Mode:	WEP 64/128 bit, WPA-PSK (TKIP/AES), WPA2-PSK (AES)
Wi-Fi Access Point:	WPA2-PSK (AES)

Environmental Specifications**Operating Environment**

Temperature:	50 to 86° F
Humidity:	20 to 80% RH (no condensation)

Power Requirements

AC 120-127 V: 5.9 A, 60 Hz

Power Consumption

Maximum:	Approx. 1330 W
Standby:	Approx. 10 W
Sleep Mode:	Approx. 0.9 W
Typical:	0.34 kWh

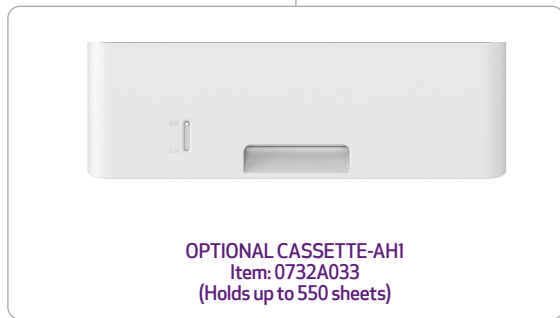
Electricity Consumption (TEC) Rating:

Standards

ENERGY STAR® Qualified, Currently Rated EPEAT Silver³



MF453dw Shown



OPTIONAL CASSETTE-AH1
Item: 0732A033
(Holds up to 550 sheets)

Extended Service Plans Available For Purchase

If service is required, you may receive a replacement model⁸ via advanced exchange. In this case, you'll be instructed to return the damaged unit to Canon in the replacement packaging, which also includes a prepaid shipping label. Or you may choose to carry your existing equipment to a local Authorized service facility for repair.

Canon eCarePAK (Exchange/Carry-In)

MF453dw

Canon extended service plans extend standard three-year limited warranty⁹ support to cover additional one to two years.

MF453dw: Three-year Warranty

- One-Year: 5707B042
- Two-Year: 5707B043

MF452dw/MF451dw

Canon extended service plans extend standard one-year limited warranty⁹ support to cover additional one to four years.

MF452dw/MF451dw: One-year Warranty

- One-Year: 5707B042
- Two-Year: 5707B043
- Three-Year: 5707B044
- Four-Year: 5707B045

GENUINE CONSUMABLES

Always look for the Canon anti-counterfeiting hologram on your Canon GENUINE product packaging.

- Cartridge 057[▲]
(Item No.: 3009C001)
Yields 3,100 Pages
- Cartridge 057 H
(Item No.: 3010C001)
Yields 10,000 Pages



Use of Canon GENUINE toner cartridges helps provide longer equipment life, high yields, reliable performance, high-quality output, and minimal jamming.

[▲]This Cartridge is included with purchase.

¹ Three-year limited warranty (MF453dw), one-year limited warranty (MF452dw/MF451dw).

² Canon PRINT Business is a free app available on the App Store[®] and Google Play[™] Store. For more information, including compatibility, please visit usa.canon.com/mobile-app. Please see the respective websites for Apple AirPrint and Mopria Print Service for compatibility and additional information.

³ For current EPEAT rating (Gold/Silver/Bronze), please visit epeat.net.

⁴ Subscription to a third party cloud service is required, and subject to third party terms and conditions.

⁵ Includes consumables.

⁶ Print speed is based on internal testing. Print speed may vary, depending on the number of copies selected as well as the settings for size, type, and orientation of paper.

⁷ Windows support only.

⁸ Replacement model may be new or refurbished quality.

⁹ Warranty program is subject to certain conditions and restrictions. See warranty card for details.



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