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imageCLASS
MF4820d

![Canon] **Canon**
Delighting You Always

ADVANCED ALL-IN-ONE WITH 2-SIDED PRINTING

MULTI-FUNCTION MONOCHROME LASER PRINTER

COMPACT | QUIET MODE | AUTO-DUPLEX PRINT

ACHIEVING PRINT AND COPY PRODUCTIVITY

With built-in automatic duplex printing, the new imageCLASS MF4820d is designed to deliver productivity and cost-savings without compromising on looks.

The new Vari-Angle Operation Panel affords one-touch simplicity and the best view of the LCD display at all times, while a new Quiet Mode function also comes in handy to keep the device humming along quietly with minimal disturbance to others in the vicinity.

Business *Can* be simple

VARI-ANGLE OPERATION PANEL

Extend the panel out towards you, or flushed against the front profile for a better viewing experience. A large 5-line LCD display shows more menu options at any time.

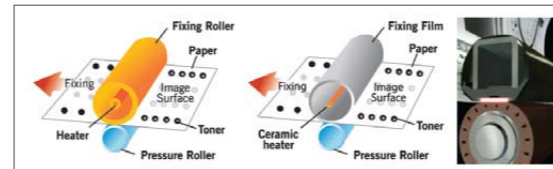## A QUIETER WORKING ENVIRONMENT

Pushing the new Quiet Mode key plunges the device into near-stealth operation, reducing engine noise to a bare minimum.

QUICK WARM-UP AND RECOVERY TIMES

With On Demand Fixing technology, users can expect the imageCLASS MF4820d to resume a ready-state in just 2 seconds, ready for the next print or copy job.
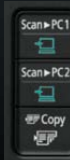
MULTI-FUNCTION
MONOCHROME LASER PRINTER

Traditional Roller Fixing **On-Demand Fixing**

Heating entire roller surface results in longer warm-up time and higher power consumption

Heat transferred directly to fixing film reduces warm-up time and saves energy

ONE-TOUCH SOLUTION KEYS

Three task-dedicated Solution Keys on the imageCLASS MF4820d further simplify operations with minimal button-pushing for the most standard of tasks.

// Scan To PC 1 & PC 2
Two user-defined keys that remember your preferred scan settings when scanning to a computer.

// Paper Save Copy
Reduces the number of steps needed to make paper-saving copies, such as 2-on-1 or 4-on-1 copies.

LASER QUALITY PRINTING AND COPYING

With laser quality print and copy speed up to 25ppm/cpm (A4), and First Printout Time at 6 seconds (A4) or less, the imageCLASS MF4820d will complete your multi-page print or copy jobs faster than conventional inkjet systems.

SUPERB PRINT PROCESSING EFFICIENCY

Canon's next-generation UFRII LT page description language enables faster print processing using a unique Load Balancing System between the host PC and device.

INCREDIBLE ENERGY SAVINGS

The imageCLASS MF4820d consumes a mere 1.4W in Standby mode. With features like Auto Duplex printing and copying, and image layout options such 2-on-1 and 4-on-1 copying, you can save the environment while reducing paper costs.

AUTOMATIC TWO-SIDED PRINTING

The imageCLASS MF4820d produces double-sided output automatically via a simple selection on the print driver.

MINIMAL DEVICE MAINTENANCE

The Canon All-in-One Toner Cartridge 328 combines the photosensitive drum, toner reservoir, and waste toner container into a compact and precisely-engineered unit, making toner replacements easy and minimizes device maintenance.

QUALITY TONER ENGINEERING

Canon MS-Toner adopts a unique spherical shape to achieve smooth and consistent imaging quality. MS-Toner also improves melting performance, which complements and enhances the On-Demand Fixing process through the use of less heat and pressure.

MF4820d | Specifications

PRINT	
Printing Method	Monochrome Laser
Print Speed (Simplex; A4/LTR)	Up to 25/26ppm (pages per minute)
Print Speed (Duplex; A4/LTR)	Up to 15/16ppm (pages per minute) Up to 7.7/8spm (sheets per minute)
Print Resolution	600 x 600dpi
Print Quality with Image Refinement Technology	1200 (equivalent) x 600dpi
Warm-up Time (From Power On)	12 secs or less
Recovery Time (From Sleep Mode)	Approx. 2.0 secs.
First Printout Time (FPOT)	Approx. 6/5.8 secs (A4/LTR)
Print Language	UFR II LT
Auto Duplex Print	Standard
Available Paper Size for Auto Duplex Print	LTR, LGL, A4 *60 to 105g/m² recommended
Print Margins	5 mm-top, bottom, left and right (Other sizes than Envelope) 10 mm-top, bottom, left and right (Envelope)
Print Features	Watermark, Page Composer, Toner Saver

COPY	
Copy Speed (Simplex; A4/LTR)	Up to 25/26cpm (copies per minute)
Copy Resolution	600 x 600dpi
First Copy Time (FCOT)	Approx. 9.0/8.7 secs (A4/LTR)
Maximum Number of Copies	Up to 99 copies
Reduce/Enlargement	25 - 400% in 1% increments
Copy Features	Memory Sort, 2 on 1, 4 on 1, ID Card Copy

SCAN	
Scan Resolution	Optical: Up to 600 x 600dpi Driver Enhanced: Up to 9600 x 9600dpi
Color Depth	24-bit
Pull Scan	Yes, USB
Push Scan (Scan to PC) with MF ToolBox	Yes, USB
Scan Features	TWAIN, WIA (Scan Driver Compatibility)

PAPER HANDLING	
Paper Input (Standard)	Plain Paper (60-80g/m²): 250-sheet Cassette, 1-sheet Multipurpose Tray
Paper Output	100 sheets (face down , 20lb LTR / 68g/m² A4)
Paper Sizes (Standard Cassette)	A4, B5, A5, LGL, LTR, STMT, EXE, OFFICIO, B-OFFICIO, M-OFFICIO, GLTR, GLGL, FLS, 16K, IndexCard Envelope: COM10, Monarch, C5, DL, Custom (Min. 76.2 x 210mm to Max. 216 x 356 mm)

PAPER HANDLING	
Paper Sizes (Multipurpose Tray)	A4, B5, A5, LGL, LTR, STMT, EXE, OFFICIO, B-OFFICIO, M-OFFICIO, GLTR, GLGL, FLS, 16K, IndexCard Envelope: COM10, Monarch, C5, DL, Custom (Min. 76.2 x 127mm to Max. 216 x 356 mm)
Paper Types	Plain, Heavy, Recycled, Transparency, Label, Envelope
Paper Weight (Standard Cassette)	60 to 163 g/m²
Paper Weight (Multipurpose Tray)	60 to 163 g/m²

CONNECTIVITY AND SOFTWARE	
Standard Interface/s (Wired)	USB 2.0 High Speed
Operating System Compatibility	Windows®7 (32/64-bit) Windows®XP (32/64-bit) Windows®Vista (32/64-bit) Mac OS X v10.5.8 or later (*1) Linux (*2)
Software Included	Printer driver, Scanner driver, MF Toolbox, Presto! PageManager

GENERAL SPECIFICATIONS	
Memory	64MB
LCD Display	5-line BW LCD (Vari-Angle Operation Panel)
Dimensions (W x D x H)	390 x 362 x 301mm (Cassette closed) 390 x 439 x 301mm (Cassette opened)
Weight	10.5kg (without cartridge) 11.1kg (with cartridge)
Power Consumption	Maximum: 1320W or less During Operation: Approx. 560W (Average; Copying) During Standby: Approx. 3.5W (Average) During Sleep: Approx. 1.4W (Average)
Noise Levels (*3)	During Operation: Sound Pressure Level (Bystander's position): 51dB in Printing (reference value) Sound Power Level: 6.6B in Printing During Standby: Sound Pressure Level (Bystander's position): Inaudible (reference value) (*4) Sound Power Level: 4.3B or less
Operating Environment	Temperature: 10 to 30°C Humidity: 20% to 80% RH (no condensation)
Power Requirements	AC 220 to 240V: 50/60Hz
Toner Cartridge (*5)	Cartridge 328: 2,100 pages (Bundled cartridge: 1,000 pages)
Monthly Duty Cycle (*6)	Up to 10,000 pages

*1 The latest drivers for Mac OS can be downloaded from www.canon-asia.com when available. *2 Only the print function is supported for Linux. The latest drivers for Linux can be downloaded from www.canon-asia.com when available. *3 Tested in accordance to ISO7779 and declared per ISO9296. *4 "Inaudible" means each sound pressure level at bystander's position is less than the absolute criterion value (about background noise) of ISO 7779. *5 Toner cartridge yield in accordance with ISO/IEC 19752 *6 Monthly Duty Cycle value provides a means for comparison of product robustness in relation to other Canon Laser Devices, and does not refer to actual maximum image output per month.