



**FS-4020DN**

Black & White Printing Solution

**ECONOMICAL. ECOLOGICAL. ECOSYS PRINTERS.**

- Fast output speed of 47 pages per minute
- ECOSYS® long life consumables reduce operating costs
- Maximum 2,500 sheet paper capacity with Bulk Feeder option
- Unique KX print driver and advanced network management software
- Productive duplex function saves paper
- Ultra-reliable technology





# FS-4020DN



FS-4020DN with standard configuration  
15.04"W x 15.51"D x 12.6"H



FS-4020DN with three (3) additional paper drawers  
15.04"W x 15.51"D x 25.6"H



FS-4020DN with optional PF-315 high capacity paper feeder (PB-315 mounting kit required)  
15.04"W x 29.4"D x 12.6"H



Easy-to-replace toner container

### Basic Specifications

Technology and Configuration	Kyocera ECOSYS® Black & White Network Printer
Pages Per Minute	Letter: 47, Legal: 38, A4: 45
Warm Up Time	17 seconds or less from main power on, 15 seconds or less from sleep mode
First Print Out Time	9 seconds or less (EcoFuser off)
Resolution	Fine 1200 Mode (1,200 x 1,200 dpi), Fast 1200 Mode (1,800 x 600 dpi), 600 x 600 dpi, 300 x 300 dpi
Memory	Standard 128MB, upgradable to 1152MB via 144 pin DDR2 DIMMs; Standard CF Card Slot (type 1)
Hard Disk Drive	Optional HD-5A
Duplex Printing	Standard Duplex, 34 Pages Per Minute Letter
Electrical Requirements	120V, 50/60Hz, 7.7A; 220 to 240 VAC, 50/60Hz, 4.3A
Dimensions / Weight	15.04"W x 15.51"D x 12.60"H / 37.04 lbs
Typical Energy Consumption (TEC)	3.505 kWh/week (120V)
Noise (ISO 7779 / ISO 9296) <sup>1</sup>	Printing 56dB(A), Ready 30dB(A)
Manufacturing Standards	This unit is manufactured according to ISO 9001 quality standard and ISO 14001 environmental impact standard
Maximum Monthly Duty Cycle	250,000 Pages Per Month

### Controller Specifications

CPU / MHz	Embedded Power PC 440 / 667 MHz
PDL / Emulations	PRESCRIBE, PCL6 (PCL5c, PCLXL), KPDL (PS3), XPS <sup>2</sup>
Direct Print	PDF 1.5 Direct Print
Fonts	93 Scalable Fonts for PCL/Postscript, 8 Fonts for Windows Vista, 1 Bitmap Font
Barcodes	45 Barcodes (EAN8, EAN13, EAN128), support for two dimensional Barcodes (PDF-417)
Supported Client Operating Systems	Certified for Microsoft® Windows Vista® 32/64-bit, Windows® 2000, Windows XP® 32/62-bit, Windows Server 2003 32/64-bit, Windows Server 2008 32/64-bit, Mac OS X v10.39, v10.4, v10.5; Linux
Supported Network Operating Systems <sup>3</sup>	Microsoft Windows 2000, Server 2003, XP, Vista, 2003 64-bit, XP 64-bit, (for Microsoft IPv6 compatible with Windows 2003, XP, and Vista); Novell 5.1 and Later; Mac OS X 10.2.8, v10.3, v10.4, v10.5; Linux, Unix
Printer Management	Status Monitor, Command Center Web Interface, PrintQ Manager, KMnet Viewer, KMnet Admin, KMnet for Accounting
Connectivity / Interfaces	Standard 10/100 Base TX, High Speed USB 2.0, Full Speed USB 2.0 Host, Parallel IEEE1284 Interface, CF-1 Card type 1, KUIO/W (1 slot)
Network Protocols	IPv6: HTTP, LPD, FTP, IPP, RawPort, ICMPv6, LLTD, SNMP, DHCPv6, SMTP, POP3, DNS, SNMPv1/v2c/v3, WSD IPv4: HTTP, HTTPS, LPD, FTP, IPP, RawPort, ICMP, DHCP, SMTP, POP3, SNTP, DNS, WINS, NetBIOS over TCP/IP, SNMPv1/v2c/v3, Apple Bonjour Compatible, IPPS, LLTD, WSD IPX/SPX, NetWare (NDS/Bindery), AppleTalk, NetBEUI
Security	IPsec, 802.1x, SSL/TLS (HTTPS, IPPS), SNMPv3, EAP-TLS, PEAP, AH, ESP
Drivers	KX Driver For Windows®, PPD for Mac, PPD for Linux/UNIX, Mini Driver, Windows® 64 Bit Drivers
Departmental Accounting	100 Department Codes
Additional Print Features	LCD Operation Panel, N-Up Printing, Private Print, Virtual Mailbox, Document Storage, EcoPrint Mode, Poster Mode, Internet Printing IPP 1.0
Multi Language Support	English, Italian, French, Spanish, German, Portuguese, Dutch, Russian

### Paper Supply

Standard Paper Sources	500 Sheet Drawer, 100 Sheet Multi-Purpose Tray
Standard / Maximum Paper Sources	2 / 5 including Multi-Purpose Tray
Standard Paper Drawer Size / Weight	Letter, Legal, Oficio2, A4, A5, B5, A6R, Executive, 16 kai, Folio, Custom 5.47" x 8.27" / 16-32 lb Bond
Standard Duplex Paper Size / Weight	Letter, Legal, A4, A5, B5, Folio / 16-32 lb Bond
Standard / Maximum Paper Capacity	600 / 2,500 Sheets
Multi-Purpose Tray Paper Size / Weight	Letter, Legal, A4, B5, A5, Folio, Oficio 2, Statement, Executive, A6, B6, B5, Envelope, Monarch, DL; Custom 2.76" x 5.83" to 8.5" x 14" / 16 lb Bond - 120 lb Index
Input Materials	Plain, Preprinted, Bond, Recycled, Rough, Letterhead, Color, Pre-Punched, High Quality, Transparency, Labels, Bond, Vellum, Envelope, Cardstock, Thick Paper, Custom
Output Capacity	500 Sheets

### Paper Handling Options

#### PF-310 Paper Feeder

Paper Capacity	500 Sheets
Paper Size / Weight	8.5" x 11", 8.5" x 14", Oficio2, A4, A5R, B5, Folio / 16-32 lb Bond
Dimensions / Weight	15.04"W x 15.51"D x 4.33"H / 8.6 lbs

#### PF-315 & PB-315 Paper Feeder and Mounting Kit<sup>4</sup>

Paper Capacity	2,000 Sheets
Paper Size / Weight	Letter, A4, B5 / 16 lb Bond - 110 lb Index
Dimensions / Weight	13.58"W x 13.86"D x 14.80"H / 16.53 lbs

#### EF-310 Envelope Feeder

Envelope Capacity	1.5" or 40mm stack
Paper Size / Weight	Monarch; Commercial #5, 6 3/4, 9, 10, Monarch, DL; International DL, C5 / 16-24 lb Bond
Dimensions / Weight	10.75"W x 7.01"D x 4.61"H / 1.65 lbs

#### PT-310 Face Up Tray

Paper Capacity	250 Sheets
Paper Size	8.5" x 11", 8.5" x 14", Oficio2, A4, A5, B5, A6, Folio
Dimensions / Weight	9.84"W x 12.99"D x 2.76"H / 0.63 lbs

### Consumables

Black Toner	TK-362 Toner for 20,000 pages <sup>5</sup> (ships with 10,000 pages)
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### Additional Options

Memory	144 pin 64, 128, 256, 512 or 1024MB DDR2 SDRAM DIMMS
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- 1 Sound Pressure
- 2 Requires 256MB or more memory upgrade for XPS printing
- 3 May require software from the NOS vendor or third-party vendor
- 4 The FS-4020DN can be configured with up to 3 additional PF-310 Paper Feeders or the PF-315/PB-315 but not concurrently. When the EF-310 is installed the PF-315/PB-315 cannot be installed.
- 5 In accordance with ISO19752

Kyocera Mita America's objective is to manufacture superior products with a low Total Cost of Ownership (TCO) and minimize the impact on the environment. Kyocera's ECOSYS printers incorporate a patented long life drum which is separate from the toner container, eliminating the need to replace the drum when toner is depleted – and reducing landfill waste.

ECOSYS printers provide customers with a printing solution that incorporates long life consumables and one of the lowest costs per print. The operating costs of traditional cartridge-based printers can easily exceed many times the original purchase price during the life of the product. Evaluate your printer costs today. Visit our TCO Tracker at [www.kyoceramita.com](http://www.kyoceramita.com) and start saving.



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