A True Workgroup Color Laser Printer
with Unprecedented Speed and Complete On-Line Document Finishing

It's finally here…

a full-color network workgroup printer that's really up to speed with the work you do: the RICOH® Aficio® AP3800C. Ricoh's revolutionary color laser technology enables any office to produce spectacular color at printing speeds at an unheard of 28 ppm, and an impressive 38 ppm for black & white. The state-of-the-art AP3800C combines high-quality imaging and industry leading document finishing, at an incredible value.

High Performance Without Compromise

The AP3800C delivers the performance and capabilities that were once limited to black & white printers and high end copiers…all at a low cost of ownership.

- As the world's fastest color printer in its class, the AP3800C guarantees **full-color printing speed of 28 pages per minute**, producing time-sensitive documents even at a moments notice. The AP3800C's **tandem drum printing system** prints each color successively in a single pass, optimizing the throughput and dramatically increasing full-color printing speed.

- And the AP3800C's **black & white printing speed of 38 ppm** is equally impressive, rivaling any workgroup black & white laser printer. The AP3800C provides the performance required for both color and black & white documents.

- Just as remarkable on the AP3800C are the **full-color limitless auto-duplexing, multi-position stapling, and punching** (optional). All on-line and accessed with a single mouse click. But the real advantage is that any finishing functions invoked does not affect printing speed.

- Ricoh's advanced fusing technology reduces warm-up time by a third compared to current color laser printers. This contributes to **fast first print speeds of 12 seconds for full-color, and 9 seconds for black & white**.

THE RICOH AFICIO AP3800C
color printer

Quality Color Imaging Without The Costly Premium

Create your own high quality full-color documents with a professional look.

- Eliminate costly and time-consuming outsourcing for your color printing needs. Take control of color production with the affordable and easy-to-use AP3800C. With a **maximum resolution of 1200 x 1200 dpi**, everything from text to graphics to photos print with stunning color and extraordinary clarity from the AP3800C.

Redefining Paper Handling and Finishing Diversity

High speed printing may be enough of an advantage for some, but the AP3800C goes the additional distance with its flexibility in paper handling and document finishing— unheard of for any laser printer in this class.

- The ample **1,100-sheet standard paper capacity** can be extended to **3,100 sheets with the Large Capacity Tray**, reducing production interruptions for constant paper loading.

- The AP3800C prints **various kinds of special media and paper types**, which include 90 lb. index and cover stocks to transparencies, business cards and labels.

- **Automatic duplex printing** makes economical sense and is environmentally sound as it reduces cost and paper usage.

- Completely finished documents are virtually a mouse click away with the AP3800C's **optional Finisher**. Whether it is **sorting and stapling, or hole punching** (optional), the AP3800C delivers printed documents ready for distribution.

AP3800C with Finisher

AP3800C with Mailbox

RICOH®

General Specifications

Configuration:	Desktop
Technology:	Laser beam scanning, electro-photographic printing and dual component toner development
Resolution:	True 1200 x 1200 dpi, 1200 x 600 dpi, 600 x 600 dpi
Printing Speed:	Plain Paper (8.5"x11"): 28 ppm full-color, 38 ppm black & white @ 1200 x 600 or 600 x 600 dpi; 14 ppm full color, 28 ppm black & white @ 1200 x 1200 dpi Thick Paper/Transparencies: 10 ppm full color/black & white Duplex/Stapling/Punching: Same as the simplex printing speed
First Print Speed:	Less than 12 seconds full color; less than 9 seconds black & white
Dimensions (WxDxH):	AP3800C: 22.7" x 26.7" x 28.2"; AP3800C D: 26.2" x 26.7" x 28.2" AP3800C DT1: 26.2" x 26.7" x 34.3"; AP3800C DT2/DL: 26.2" x 26.7" x 38.2"
Weight:	AP3800C: 181 lb.; AP3800C D: 199 lb. AP3800C DT1: 238 lb.; AP3800C DT2/DL: 254 lb.
Input Capacity:	Bypass Tray: 100 sheets (standard on all models) AP3800C/D: 500 sheets x 2 AP3800C DT1: 500 sheets x 3 AP3800C DT2: 500 sheets x 4 AP3800C DL: 500 sheets x 2 plus 2,000 sheets Up to 3,100 sheet total capacity
Output Capacity:	Standard: 500 sheets, plus 100 sheet Face-Up output tray Optional 4-Bin Mailbox: 125 sheets x 4 bins Optional Finisher: 2,500 sheets
Paper Sizes:	Trays: 8 $\frac{1}{2}$" x 11", 8 $\frac{1}{2}$" x 14", 11" x 17", 7 $\frac{1}{4}$" x 10 $\frac{1}{2}$", 8" x 13", 8 $\frac{1}{2}$" x 13", 8 $\frac{1}{4}$" x 13", A5, A4, A3 Bypass tray: Width 4.0" to 12.0"; Length 5.8" to 18.0" (including 11" x 17" full bleed)
Paper Weight:	Trays: 16 to 28 lb. Bond Bypass tray: 16 lb. Bond to 90 lb. Index
Paper Types:	Plain paper Laser printer-qualified Transparencies, Card Stock, Labels—Bypass tray and Face-Up output tray only For recommended media, consult your Ricoh representative
Duplex Printing:	AP3800C: Optional; Others: Standard
Power Consumption:	1,200W or less Energy Star Mode: 45W or less
Warm-up Time:	Less than 120 seconds

Controller Specifications

CPU:	RM7000 250MHz
Printer Languages:	PCL5c emulation, Adobe PostScript 3 and RPCS (Refined Printing Command Stream, Windows optimized PDL)
Fonts:	For PCL - 35 Intellifonts, 10 TrueType Fonts, 1 Bitmap font For PS – 136 Adobe Type 1 fonts
Memory:	64MB RAM (AP3800C); maximum up to 384MB
Interface:	Bi-directional IEEE 1284-compliant parallel and 10/100BaseTX Ethernet
Optional Interface:	IEEE 1394
Network Protocols:	TCP/IP, IPX/SPX (NetWare 3.x, 4.x, 5.x), EtherTalk, NetBEUI and IPP (Internet Printing Protocol)
Other Supported	Unix (lpr/lpd): Sun Solaris 2.5 / 2.6 / 7 / 8, HP-UX 10 / 11, SCO Open Server 5, IBM AIX 4.3, Free BSD, Linux For Unix support, visit www.ricoh-usa.com/download
Management Utility:	SmartNetMonitor, Web Status Monitor, Print Utility for Mac
Driver:	PCL5c: Win 95 / 98 / Me / NT4.0 / 2000 PS: Win 95 / 98 / Me / NT4.0 / 2000, Mac 7.6.1 or Later RPCS: Win 95 / 98 / Me / NT4.0 / 2000

Controller Options

20 GB Hard Disk Drive (Part #400778)

HDD is necessary for the Locked Print (Secure Printing), Sample Print and permanent font downloading.
Either HDD or total 192MB memory is necessary for the Finisher and RIP Once and Print Many function.

IEEE 1394 Interface Board Type 1045 (Part #410716)

Included Cables:	2.0m 6pin to 6pin cable, 2.0m 6pin to 4pin cable
Hardware Specifications:	6 pins; 2 ports available
Data Transmission Speed:	100/200/400 Mbps
System Requirements:	Windows 2000 Professional / Server with Service Pack 1 Minimum 128MB memory is required.

Memory Options:

144-pin DIMM; SDRAM (PC100 compliant)
64MB (Part #000829MIU), 128MB (Part #001025MIU), 256MB (Part #001103MIU)

Supplies Yields are based upon 5% letter size

Black Toner (Part #888030) @ Approx. 20,000 pages
Cyan Toner (Part #888037) @ Approx. 10,000 pages
Magenta Toner (Part #888036) @ Approx. 10,000 pages
Yellow Toner (Part #888035) @ Approx. 10,000 pages
Black Image Drum (Part #400548)
Color Image Drums (Part #400594)
Black Development Unit (Part #400661)
Color Development Units (Part #400595)
Waste Toner Bottle (Part #400662)
Fusing Unit (Part #400596)
Oil Supply Unit (Part #400549)
Paper Feed Rollers (Part #400576)
Staple Set Cartridge Type K (Part #410801) @ 5,000 shots
Staple Refills Type K (Part #410802) @ 5,000 x 3 shots

Optional Paper Handling Accessories

Paper Input Options	500 sheets x 1 tray (Part #400775), 500 sheets x 2 trays (Part #400776), 2,000-sheet tray (Part #400777) Either Paper Feed Unit Type 3800 (500x1), (500x2) or PS470 must be selected.

Finisher SR770 (Part #400542)

Paper Size/Type:	Plain paper, with sizes supported through standard trays
Paper Weight:	16 to 28 lb. Bond
Stack Capacity:	Lower Staple Tray: 2,000 sheets (8 $\frac{1}{2}$" x 11", 20 lb.), or 750 sheets (11" x 17", 20 lb.) Upper Tray: 500 sheets (8 $\frac{1}{2}$" x 11", 20 lb.), or 250 sheets (11" x 17", 20 lb.)
Staple Capacity:	50 sheets (8 $\frac{1}{2}$" x 11", 20 lb.), or 30 sheets (11" x 17", 20 lb.)
Staple Paper Size:	8 $\frac{1}{2}$" x 11", 8 $\frac{1}{2}$" x 14", 11" x 17", A4, A3
Staple Paper Weight:	17 to 23 lb. Bond

Cannot be simultaneously installed with Mailbox.
Duplex unit and either HDD or minimum 192MB memory must be selected.
Also, either Paper Input options (500x1, 500x2 or 2000 sheets) must be selected.

Punch Kit Type 1045 Option for the Finisher SR770 (Part #410785)

Number of Holes:	Two or Three
Paper Size:	8 $\frac{1}{2}$" x 11", 11" x 17", A4, A3
Paper Weight:	16 to 28 lb. Bond

4-bin Mailbox Type 3800C (Part #400546)

Paper Size/Type:	Plain paper, with sizes supported through standard trays
Paper Weight:	16 to 28 lb. Bond
Stack Capacity:	125 sheets per bin

Cannot be simultaneously installed with Finisher.

AP3800C CONFIGURATIONS

	AP3800C (#400577)	AP3800C D (#400761)	AP3800C DT1 (#400762)	AP3800C DT2 (#400763)	AP3800C DL (#400764)
Paper Input	500-sheet x 2 trays	500-sheet x 2 trays	500-sheet x 3 trays	500-sheet x 4 trays	500-sheet x 2 trays & 2000-sheet tray
Duplex	Option (#400774)	Standard	Standard	Standard	Standard
RAM	64MB	192MB	192MB	192MB	192MB
HDD	Option (#400778)	Standard	Standard	Standard	Standard
Paper Handling Options	• Either 500 x 1, 500 x 2 or 2000 input tray • Duplex • Finisher or 4-bin mailbox	• Either 500 x 1, 500 x 2 or 2000 input tray • Finisher or 4-bin mailbox	• Finisher or 4-bin mailbox	• Finisher or 4-bin mailbox	• Finisher or 4-bin mailbox

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