

# Canon imagePROGRAF iPF820/810

## Cost Per Print and Ink Yield Analysis

		Universal Bond Paper				Heavyweight Coated Paper				Premium Glossy Paper 200gsm			
		Draft		Standard		Standard		High		Standard		High	
		330ml	700ml	330ml	700ml	330ml	700ml	330ml	700ml	330ml	700ml	330ml	700ml
<b>ARCH E</b> 36"x48" (12 sq.ft.)	Print Mode												
	Ink Cost	\$1.06	\$0.84	\$1.31	\$1.03	\$1.15	\$0.91	\$1.26	\$1.00	\$1.54	\$1.22	\$1.56	\$1.24
	Media Cost	\$0.77	\$0.77	\$0.77	\$0.77	\$2.13	\$2.13	\$2.13	\$2.13	\$6.42	\$6.42	\$6.42	\$6.42
	<b>Total</b>	<b>\$1.83</b>	<b>\$1.61</b>	<b>\$2.08</b>	<b>\$1.80</b>	<b>\$3.28</b>	<b>\$3.04</b>	<b>\$3.39</b>	<b>\$3.13</b>	<b>\$7.96</b>	<b>\$7.64</b>	<b>\$7.98</b>	<b>\$7.66</b>
<b>N5</b> (a.k.a., Bicycle Chart)	Ink Cost per ft <sup>2</sup>	\$0.089	\$0.071	\$0.110	\$0.087	\$0.097	\$0.099	\$0.077	\$0.084	\$0.129	\$0.103	\$0.131	\$0.104
	Media Cost per ft <sup>2</sup>	\$0.084	\$0.084	\$0.084	\$0.084	\$0.231	\$0.231	\$0.231	\$0.231	\$0.698	\$0.698	\$0.698	\$0.698
	<b>Total Cost per ft<sup>2</sup></b>	<b>\$0.173</b>	<b>\$0.155</b>	<b>\$0.194</b>	<b>\$0.171</b>	<b>\$0.328</b>	<b>\$0.330</b>	<b>\$0.308</b>	<b>\$0.315</b>	<b>\$0.827</b>	<b>\$0.801</b>	<b>\$0.829</b>	<b>\$0.802</b>
	Avg. No. of Prints/Ink Set	705	1497	574	1218	651	1381	595	1263	486	1032	479	1017
<b>ARCH E</b> 36"x48" (12 sq.ft.)		<b>Draft</b>		<b>Standard</b>		<b>Standard</b>		<b>High</b>					
		<b>330ml</b>	<b>700ml</b>	<b>330ml</b>	<b>700ml</b>	<b>330ml</b>	<b>700ml</b>	<b>330ml</b>	<b>700ml</b>				
	Ink Cost	\$0.25	\$0.21	\$0.32	\$0.25	\$0.26	\$0.21	\$0.27	\$0.22				
	Media Cost	\$0.77	\$0.77	\$0.77	\$0.77	\$2.13	\$2.13	\$2.13	\$2.13				
	<b>Total</b>	<b>\$1.02</b>	<b>\$0.98</b>	<b>\$1.05</b>	<b>\$1.02</b>	<b>\$2.39</b>	<b>\$2.34</b>	<b>\$2.4</b>	<b>\$2.35</b>				
<b>CAD File</b>	Ink Cost per ft <sup>2</sup>	\$0.021	\$0.018	\$0.027	\$0.021	\$0.022	\$0.018	\$0.023	\$0.019				
	Media Cost per ft <sup>2</sup>	\$0.084	\$0.084	\$0.084	\$0.084	\$0.231	\$0.231	\$0.231	\$0.231				
	<b>Total Cost per ft<sup>2</sup></b>	<b>\$0.105</b>	<b>\$0.102</b>	<b>\$0.111</b>	<b>\$0.105</b>	<b>\$0.253</b>	<b>\$0.249</b>	<b>\$0.254</b>	<b>\$0.250</b>				
	Avg. No. of Prints/Ink Set	2983	6329	2367	5021	2869	6086	2835	6013				



**N5**(ISO-JIS SCID a.k.a. "Bicycle Chart")  
OS: Windows XP SP2, CPU: Pentium4 3.2 GHz, RAM: 1 GB, Application: Adobe Photoshop 7.0, Interface: USB 2.0 Hi-Speed, Output Image size: 32.56" x 40.70"



**CAD File** ("Cottage plan and elevation.dwg") OS: Windows XP SP2, CPU: Pentium4 3.2 GHz, RAM: 1 GB, Application: Adobe Photoshop 7.0, Interface: USB 2.0 Hi-Speed, Output Image size: 32.56" x 40.70"

The ink cost analysis is based on actual ink usage, using the specified type of paper and print mode with the printer driver under conditions stated left. For Universal Bond paper, Plain Paper setting was used, for Heavyweight Coated Paper 140gsm, Heavyweight Coated Paper setting was used, and for Premium Glossy Paper 200gsm, Prem GL200 Setting was used to measure the ink amount.

The media cost analysis is based on square footage from the size of the paper using roll feed paper.

The total cost is a sum of the ink cost and the media cost, and does not include the cost of other customer replaceable items such as a print head, a cutter and a maintenance cartridge.

The average cartridge yield represents the average number of prints that can be printed with a set of five ink cartridges.

All prices used in this analysis are based on MSRP in U.S. dollars as of August 2008. This document was created and published in August 2008, and specifications are subject to change without notice.

Ink Cartridge	Item No.	MSRP	Cost/ml
PFI-303MBK Matte Black Ink Tank 330ml	2957B001AA	\$150	\$0.455
PFI-303BK Black Tank 330ml	2958B001AA	\$150	\$0.455
PFI-303C Cyan Ink Tank 330ml	2959B001AA	\$150	\$0.455
PFI-303M Magenta Ink Tank 330ml	2960B001AA	\$150	\$0.455
PFI-303Y Yellow Ink Tank 330ml	2961B001AA	\$150	\$0.455
PFI-703MBK Matte Black Ink Tank 700ml	2962B001AA	\$252	\$0.36
PFI-703BK Black Tank 700ml	2963B001AA	\$252	\$0.36
PFI-703C Cyan Ink Tank 700ml	2964B001AA	\$252	\$0.36
PFI-703M Magenta Ink Tank 700ml	2965B001AA	\$252	\$0.36
PFI-703Y Yellow Ink Tank 700ml	2966B001AA	\$252	\$0.36

Media	Item No.	MSRP	Cost/sq.ft.
Universal Bond Paper 24"x150ft	0834V793	\$25.30	\$0.084
Universal Bond Paper 36"x150ft	0834V794	\$37.95	\$0.084
Universal Bond Paper 42"x150ft	0834V795	\$44.25	\$0.084
Heavyweight Coated Paper 24"x130ft	6646A002AA	\$64.60	\$0.248
Heavyweight Coated Paper 36"x130ft	6646A001AA	\$89.90	\$0.231
Heavyweight Coated Paper 42"x130ft	6645A001AA	\$106.35	\$0.234
Premium Glossy Paper 24"x99ft	2943B004AA	\$141.50	\$0.715
Premium Glossy Paper 36"x99ft	2943B003AA	\$207.25	\$0.698
Premium Glossy Paper 42"x99ft	2943B002AA	\$247.80	\$0.715