

Ink Siphoning

Tech Note Number: 625

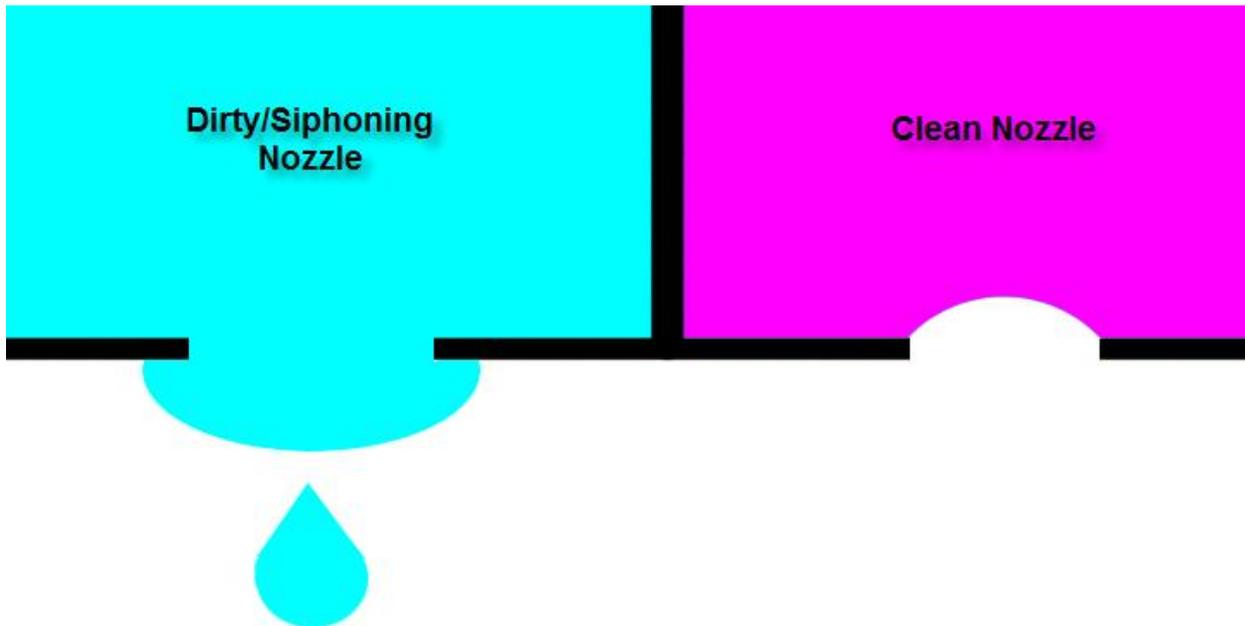
Total number of pages: 2

Date: 2/23/10

Applicable Models: AnaJet FP-125 and SPRINT printer series

AnaJet printers operate on a neutral pressure system. The only thing that holds the ink in the print head is the surface tensions of the ink inside the nozzles. If there is an imbalance in pressure, such as the printer not being level or break in the surface tension, ink can siphon out of the print head and into the waste ink bottle. Over time this can empty a cartridge.

Because of this potential it is very important that you are manually cleaning the wiper blade regularly at least once a week. If your wiper blade is not kept clean it will not properly clean the nozzle plate due to the dry ink built-up and it can leave drips of ink that can cause siphoning; in addition to other problems such as clogged nozzles.



At times, it will be necessary to carefully remove the wiper blade from its sleeve in order to give it a more thorough cleaning. Be aware that the CMYK ink mixes and dries a dark black color, and it will be difficult to notice. After the wiper blade is removed, the dried ink can often be peeled off from the wiper blade like a second skin. It is essential that this kind of ink build-up be prevented.

If a printer is not level there is a potential for siphoning as well. If the ink cartridges are higher than the print head ink will flow towards the print head. If the print head is higher than the ink cartridge, ink will flow towards the cartridge.

