

Technical Bulletin #9 How to set up a Pump Dispenser

This procedure should be done for each Ink type as they may vary in viscosity

1. First make sure the pump valve is in re-circulation mode
2. Locate the restrictor (located on the top of the pump as diagram shows, some pumps may be fitted with an exhaust)
The restrictor is normally blue or black in color



3. In the center of the restrictor will be either an Allen Key bolt or a slotted screw. Unscrew fully (upwards) to de-restrict the pump
4. By now adjusting the regulator air pressure, the pump should now start to pump the Ink in re-circulation mode.

Try to achieve the following: Approximately every half-second it pumps, and then every second the pump returns.

5. Now by turning the Allen Key bolt or a slotted screw clockwise in the center of the restrictor downwards (inwards), will now begin to restrict the pump

Try to achieve the following: Approximately every second it pumps, and then every second the pump returns.

6. The pump should now continue to operate in a controlled manner. To dispense Ink, turn the pump valve to dispense
7. When not dispensing, the re-circulation should be used to reduce the viscosity of the ink, and encourage ink flow.