



Valve Block Eliminates Leak Points Saving Hundreds of Dollars

Challenge:

A manufacturer of industrial printers contacted Pneumadyne to consolidate several ink components into a single, easy to install block. Their existing circuitry was difficult to assemble, required a large amount of space and had several potential leak points.

Requirements;

- Reduce the number of components used in the system
- Materials had to be compatible with ink
- Limited space available
- Eliminate leak points
- Simplify the method of changing the ink supply bags

Solution:

The development of this distinctive valve block reduced the space required for the fluid control circuit within the printer. Consolidating components also eliminated potential leak points and improved the customer's assembly process.

- An integrated vacuum signal, primer pump, shut-off valve, screen, orifice and check valve
- Pneu-Edge® fittings ensure permanent tubing installation
- A lightweight aluminum body
- A quick coupling for ink bag connection and disconnection

Benefits:

- Consolidating components eliminated leak points and saved customer hundreds of dollars
- Lightweight, compact design saves space
- Quick coupling easily connects/disconnects ink bag

Other Applications:

- Fluid Filling/Dispensing
- Medical
- Packaging



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