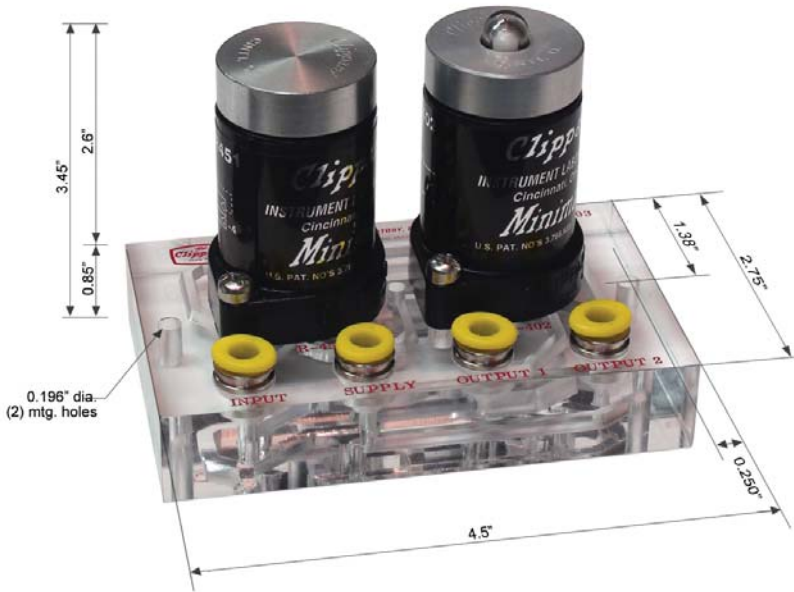


## Binary Redirect Module (“Flip-Flop” Circuit)



**Size:** 4.5" x 2.75" x 3.2"

**Temperature:** 32 to 140°F

**Pressure Range:** 40 to 150 psig

**Use:** The input signal alternates the outputs A and B, sometimes referred to as a push-on/push-off circuit. The circuit manifold combines the [R-451](#) and [R-412](#) in a binary redirect or flip-flop circuit. Provides 1/8" NPT ports or 1/4" tube Push Quick Fittings for all connections.

**Operation:** Use of the [R-412](#) provides a “memory” function to return the output to a known position (port 8) whenever air is first turned on to the circuit. This output pilots port 4 of the [R-451](#), positioning it for the next signal. A signal input passes through the [R-451](#), ports 1 to 2, and pilots port 4 of the [R-412](#). The output of the [R-412](#) shifts to port 2 and also pilots port 6 of the [R-451](#). When the next signal input is received, it passes through the [R-451](#), ports 1 to 8, and pilots port 6 of the [R-412](#), shifting its output back to port 8.

Part No.	Description	
<a href="#">VA-03</a>	Binary Redirect Module	
<b>Bill of Materials in Assembly</b>		
Qty.	Part No.	Description
1	<a href="#">R-451</a>	4-Way Binary Trigger Modular Valve
1	<a href="#">R-412</a>	4-Way Modular with Memory Reset
1	<a href="#">CM-03-PQ</a>	Binary Redirect Circuit Manifold

All components are also available for purchase

The [CM-03](#) subplate is available with 1/8" NPT Ports on A, B, C & D.

