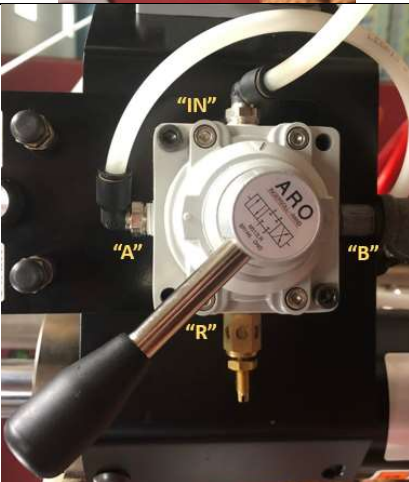


M512LR Valve Operation



The M512LR is a 3-position, 4-way valve. All ports blocked in neutral.
Looking at the photo, the four ports are identified as follows:
"IN" This is the air inlet.
"A" This is the primary output
"B": This is the secondary output
"R": This is the exhaust.
The two output ports are connected to the common exhaust port.
As shown, the valve is in "neutral." Air will enter the inlet, but will not be directed to any output. Likewise, there will be no exhaust.



Rotating the lever to the left, actuates the "B" port.
Air now flows from the INLET and out the "B" port. This can be used to extend a cylinder, etc.
Meanwhile, air from the "A" port exhausts to atmosphere through the "R" port.



Rotating the lever to the right, actuates the "A" port.
Air now flows from the INLET and out the "A" port. This can be used to retract a cylinder, etc.
Meanwhile, air from the "B" port exhausts to atmosphere through the "R" port.