

Building an Alpha Valve Stack

For each Alpha Valve Stack, you will need the valves themselves and an end-plate kit. One MKN Kit is required to stack 1-to-6 valves without isolator plates. One MKP Kit is required to stack 7-to-12 valves without isolator plates, or 1-to-12 valves with an isolator plate. Follow these instructions to properly build up the valve stack.

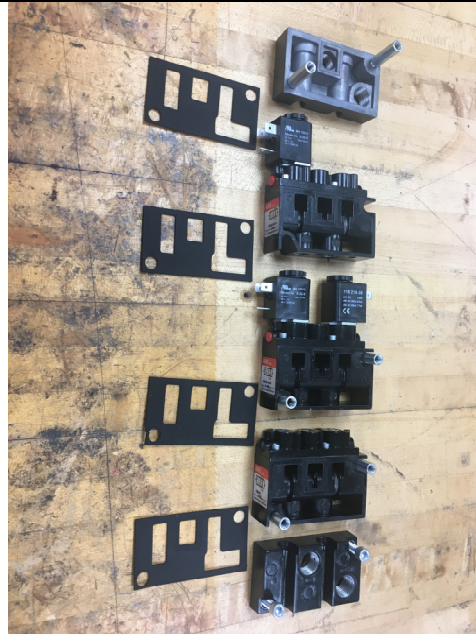
Each Valve comes with one (1) gasket and two (2) stacking pins. Also, each End Plate Kit comes with one (1) gasket and two (2) cap screws.

Lay out components from the Valves and End Plate Kits. Start by inserting the Pins into the left End Plate. This is designated by the "L" cast into the plate. Have the finished side down, with the machined side facing up.

Then position the Gasket in place. Make sure the large opening in the gasket is over the exhaust port.

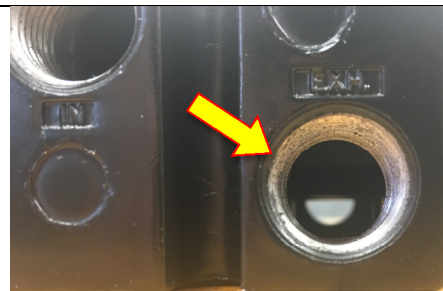
Place a Valve onto the End Plate. Insert two Pins in place and properly align a gasket.

Continue this process until the right "R" End Plate is in place. Secure using the two Cap Screws.



When the stack is complete, look through the exhaust port. You should be able to see through the port.

If not, you will experience an air leak.



With the valve stack complete, you can plumb the valve. The End Plates each have IN and EXH ports.

The #2 and #4 Output Ports are located on the bottom of the Valve.

Accessories include the 116808 Mounting Brackets shown here. If the valves are Solenoid actuated, you will also need Connectors like the CHW or CHL-XXX.

