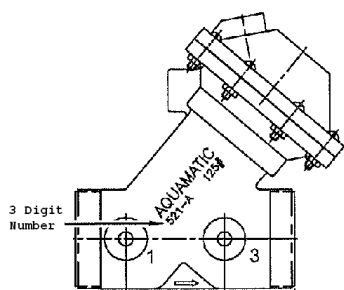


Aquamatic Valve Questionnaire K52 Series Plastic Valves

Do you have a number that resembles something like the following K521-X200-14000? If not, please proceed.

You can locate a 3 digit numerical number printed on the valve body. This number will point you into the right direction as far as the size of the valve. The K52 Series has the following sizes in relation to the 3 Digit Numerical Number:



K520 - 1/2"

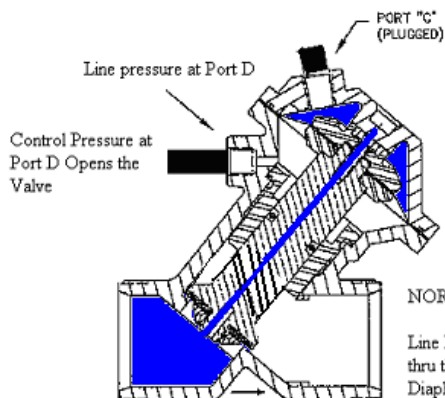
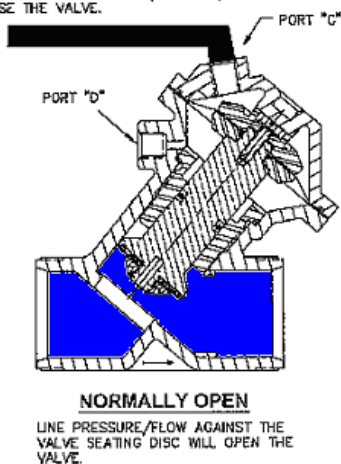
K521 - 1"

K524 - 1-1/2"

K526 - 2-1/2"

What is the valve configuration? Is it normally open or normally closed?

CONTROL PRESSURE APPLIED TO THE TOP OF THE DIAPHRAGM (PORT "C") WILL CLOSE THE VALVE.



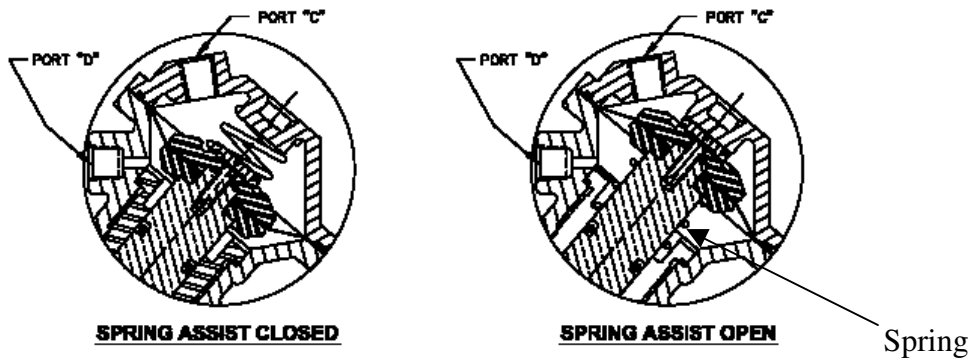
Note: For normally closed valves, a pipe plug is inserted in the top port above the diaphragm, and line pressure is applied to the lower port below the diaphragm to open valve.

Is there is a Spring Assist Open or Spring Assist Closed option inside the valve?

To determine if the valve is Spring Assist Open, remove connection fitting from Port C, and use a flat head screw driver to push the valve in the down position. If the valve stays in the down position, no spring is inside. If it comes back up, there is a spring inside to pushing the valve open. For a Spring Assist Closed option, remove valves cap to see if there is a spring underneath.

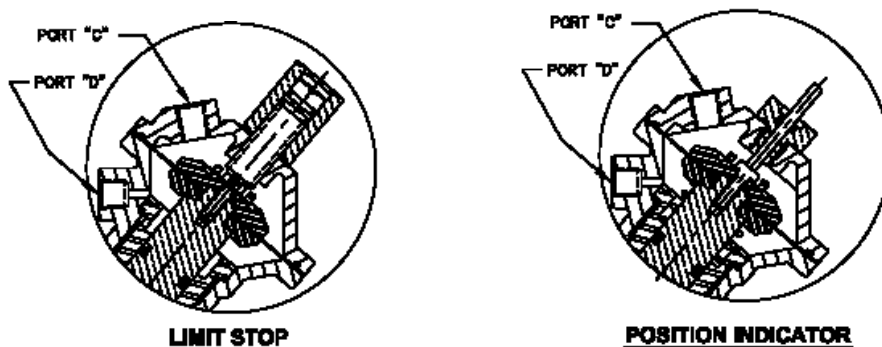
**For a SAC option, the spring is above the diaphragm. SAO, the spring is below the diaphragm.

K52 Series Plastic Body Spring Options:

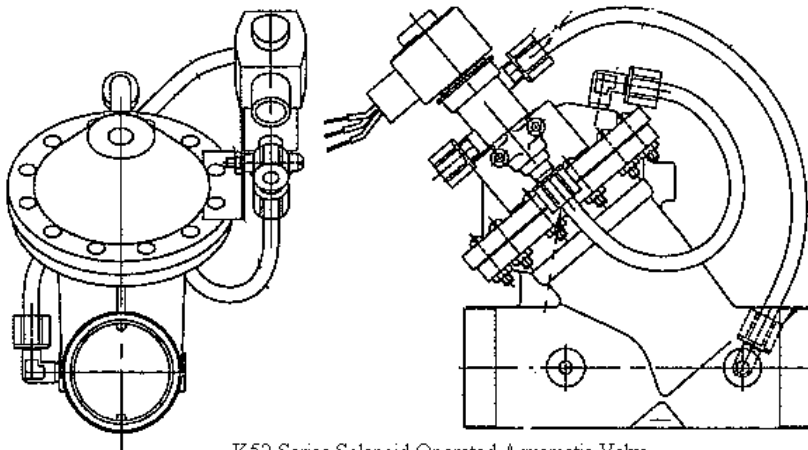


Does the valve have a position indicator or a limit stop? These are visible options.

K52 Series Plastic Body Valves:



Do you have a solenoid attached to the valve? If yes, please proceed.



K52 Series Solenoid Operated Aquamatic Valve
Solenoid Mounted directly on Aquamatic Valve

What is the supply voltage of the solenoid?

Does the solenoid use the line pressure from the valve to control the opening and closing of the valve or does the solenoid use an independent pressure source to control the valve? If the solenoid uses line pressure, proceed on.

Does the solenoid energize to open?

Line pressure is directed through the solenoid to the upper diaphragm chamber, closing the valve. Activating the solenoid vents the upper diaphragm chamber, allowing the valve to open.

Does the solenoid energize to close?

Line pressure is directed through the solenoid (solenoid energized) to upper diaphragm chamber, closing the valve. Deactivating the solenoid vents the upper diaphragm chamber, allowing the valve to open.

Finally, please explain the application the valves are being used. What is the media running through the valves? What is the temperature? Etc?

