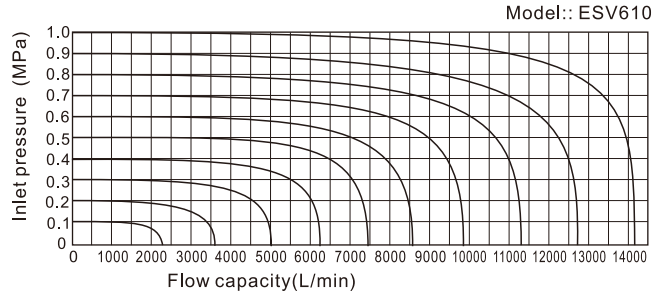
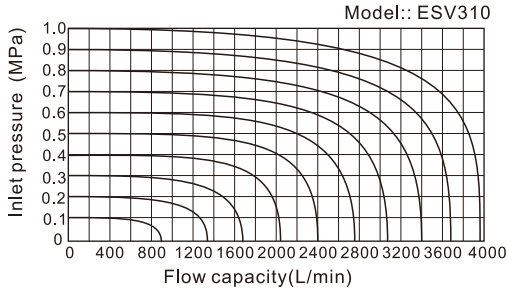
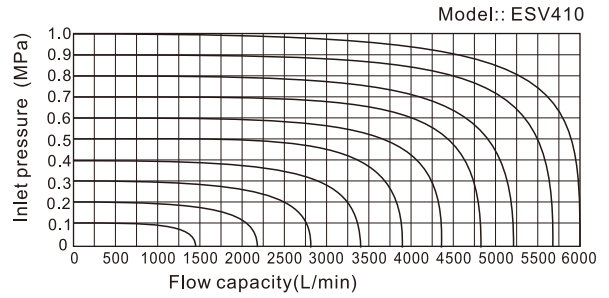
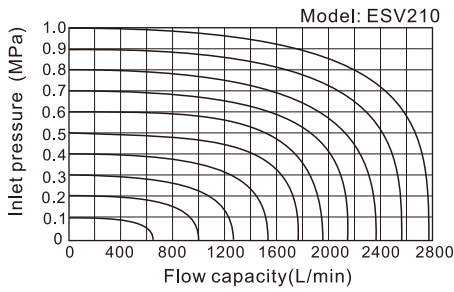


### Flow chart



### Installation and operation(For 200, 300, 400 series)

#### 1. The classification and selection for the pilot type of valve

1.1. According to the source of pilot air, we can divide the valve into two types: the internal pilot and external pilot. The standard type is internal pilot.

1.2. You can convert from internal pilot to external pilot by the following methods.

#### 2. The classification and selection for the parallel manifold sub-base

2.1. According to the direction of pilot air supply, we can divide the manifold sub-base into two types: the individual pilot and centralized pilot.

2.2. If you select the individual pilot, the fitting must be connected to the individual pilot ports. If you select the centralized pilot type, the fitting must be connected to the centralized pilot ports.

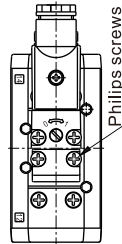
2.3. If you use parallel manifold, all of the manifold must be used the same pilot type: such as, all of them are the individual pilot type, or all of them are the centralized pilot type.

\* Note: Only when you use the external pilot type, you can select the individual pilot or centralized pilot.

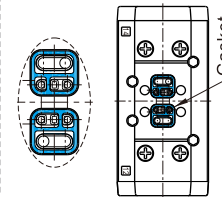
When you use the internal pilot type, the pilot ports on the manifold are ineffective.

#### 3. The position and specification of the manifold sub-base ports:

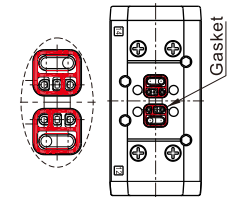
1 Remove the 4 philips head screws, and then remove the coil, pilot body and cover.



2 Assemble the gasket according to the picture, and then assemble the cover, pilot body and coil- Internal pilot



3 Assemble the pilot O-Ring according to the picture, and then, assemble the cover, pilot body and coil-External pilot.



The diagram of manifold sub-base	Port status of manifold sub-base					
	Port name Ordering code	Left side port	Right side port	Bottom port	Centralized pilot port	Individual pilot port
	ESV202MG	Use	Unused	Unused	Unused	Use
	ESV202MGR	Unused	Use	Unused	Unused	Use
	ESV202MGB	Unused	Unused	Use	Unused	Use
	ESV202MGW	Use	Unused	Unused	Use	Unused
	ESV202MGWR	Unused	Use	Unused	Use	Unused
	ESV202MGWB	Unused	Unused	Use	Use	Unused

Note: Please seal the bottom port by plug, when it is unused.  
The above list is an example of 200M series' ordering code, the other series is follow the same pattern, only need to change the series code.

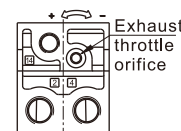
#### 4. Exhaust throttle function

4.1. The manifold has exhaust throttle function, the below picture shows the position of the exhaust throttle orifices on each side.

4.2. Use allen key to adjust the screw.

4.3. Rotate the screw clockwise to reduce the exhaust orifice, rotate the screw counter-clockwise to enlarge the exhaust orifice.

Manifold right side



Manifold left side

