

XY-121X / XY-151X / XY-201X / XY-251X
XY-301X / XY-401X / XY-501X / XY-601X



Feature

- 1. Pilot operated diaphragm structure, nylon reinforced.
- 2. Self pressure relief when the pressure above max.
- 3. Self pressure relief no extra energy consumption.
- 4. Accurate and stable regulating, prevent water hammer.
- 5. Manually or auto control by installing the BM3WAY.

Technical parameters

Medium	Water		
Temp	Water Temp≤53℃, Surrounding Temp≤80℃		
Application	The X Series Pressure relief valve are widely used in hill region sprinkler or drip system, also used in filtration system, industrial dust and water treatment,		
Input Pressure	1.0-10.0 Bar		
Output Pressure	0.8-6.5 Bar		
Flow	XY-121X≤12.0m³/h, XY-151X≤18.0m³/h, XY-201X≤50.0m³/h, XY-251X≤55.0m³/h, XY-301X≤60.0m³/h, XY-401X≤100.0m³/h, XY-501X≤110.0m³/h, XY-601X≤180.0m³/h		
Port thread	Female G BSP, Flange connection		
Port size	1 1/4" 1 ½" 2" 2 1/2" 3" 4" 5" 6"		
Orifice	DN32 DN40 DN50 DN65 DN80 DN100 DN125 DN150		
Voltage	AC220V/AC110V/AC24V,50~60Hz DC24V/DC12V/DC9V(customization) DC Latching		
Material	Valve body-----Glass filled Nylon Sealed ring-----NBR/EPDM Springs-----SUS304		

Model	Size(mm)		
	Length	Width	Height
XY-121X	135	230	208
XY-151X	136	232	218
XY-201X	232	220	220
XY-251X	250	225	230
XY-301X	298	235	235
XY-401X	355	330	322
XY-501X	355	350	332
XY-601X	485	398	365

XY-121T / XY-151T / XY-201T / XY-251T
XY-301T / XY-401T / XY-501T / XY-601T



Feature

- 1. Pilot operated diaphragm structure, nylon reinforced.
- 2. Control outlet pressure to protect downstream equipment.
- 3. Self pressure relief no extra energy consumption.
- 4. Accurate and stable regulating, prevent water hammer.
- 5. Manually or auto control by installing the BM3WAY.

Technical parameters

Medium	Water		
Temp	Water Temp≤53℃, Surrounding Temp≤80℃		
Application	The T Series Pressure reduce valve are widely used in hill region sprinkler or drip system, also used in filtration system, industrial dust and water treatment,		
Input Pressure	1.0-10.0 Bar		
Output Pressure	0.8-6.5 Bar		
Flow	XY-121T≤12.0m³/h, XY-151T≤18.0m³/h, XY-201T≤50.0m³/h, XY-251T≤55.0m³/h, XY-301T≤60.0m³/h, XY-401T≤100.0m³/h, XY-501T≤110.0m³/h, XY-601T≤180.0m³/h		
Port thread	Female G BSP, Flange connection		
Port size	1 1/4" 1 ½" 2" 2 1/2" 3" 4" 5" 6"		
Orifice	DN32 DN40 DN50 DN65 DN80 DN100 DN125 DN150		
Voltage	AC220V/AC110V/AC24V,50~60Hz DC24V/DC12V/DC9V(customization) DC Latching		
Material	Valve body-----Glass filled Nylon Sealed ring-----NBR/EPDM Springs-----SUS304		

Model	Size(mm)		
	Length	Width	Height
XY-121T	135	240	210
XY-151T	136	242	220
XY-201T	232	260	220
XY-251T	250	263	230
XY-301T	298	290	235
XY-401T	355	380	322
XY-501T	355	390	332
XY-601T	485	450	365