

● DESCRIPTION

Armaş "FR" model flow rate control valve is designed to limit desired flow rate. The orifice on main valve upstream creates pressure difference and 3/way differential pressure set pilot mounted in control chamber of valve senses this pressure difference and ensures that main valve opens in desired flow rate. Valve thereby limits desired flow rate automatically and keeps it fixed. It eliminates over flow by preventing excessive flow during reverse washing in filtration systems.

● PURCHASE SPECIFICATIONS

The valve will be direct diaphragm closing automatic hydraulic control valve which works with line pressure. No wearable parts such as stem, bearing and seat exist in main valve body. The valve position will be controlled by a hand operated selector valve.

● CONTROL SYSTEM COMPONENTS

- | | |
|-------------------------|---------------------------------|
| 1 3- Way Selector Valve | 4 Plug |
| 2 Ball Valve | 5 Flow Rate Control Pilot Valve |
| 3 In-line Finger Filter | 6 Orifice Plate |

● QUICK SIZING

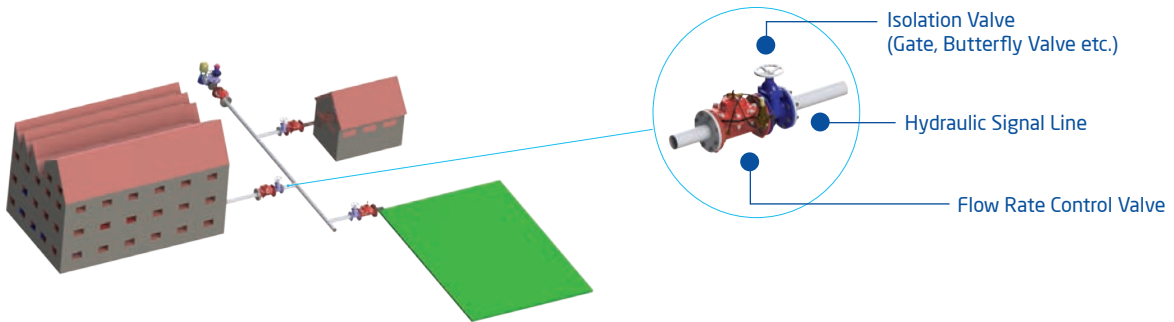
Valve size same as main line or one size smaller.
Maximum flow speed for continuous operation 5.5 m/sec
(18 ft/sec)

● ORDER INFORMATION

Please submit following information to our sales department while ordering.

Maximum flow rate	: m ³ /h	Valve connection type	: ---
Maximum network/line pressure	: bar	Maximum upstream pressure	: bar
Main line size	: mm	Desired flow rate	: m ³ /h

TYPICAL APPLICATION



Armaş Flow Rate Control Valves limit the flow rate to requested value.