

V527

HORIZONTAL FLOAT LEVEL CONTROL VALVE



Product Description

V527 Horizontal Float Level Control Valves allows the water level of the tank or reservoirs to be controlled automatically. The main valve control is provided by a 2-way pilot float. When the water level falls below the adjusted level, the valve opens to fill the tank. When reaching the pre-set level, the valve closes and the water level remains constant.



Technical Data	
Size range:	DN40 - DN300
Pressure range:	0,7 - 16 bar (10 - 240 psi)
Temperature:	-10°C to +80 °C
Flange drilling	Flanged EN 1092-2 / ISO 7005-2 Threaded ISO (BSP) - ANSI (NPT)
Coating	Polyester Epoxy
Testing:	EN 12266-1
Marking:	EN 19

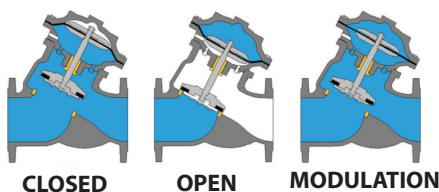
Application Range

- Water applications
- Household implementation
- Supply of water fire extinguishing
- Various applications of industrial systems.
- Food and chemical enterprises

Assembly

- Valve can be assembled horizontally or vertically.
- Valve must be on the same level with main-lines during installation.
- Install the valve on direction with arrow shown on the valve.
- Isolation valves (gate valve, butterfly valve, silt trap etc.) could be installed before or after the installation.
- Valve should be installed on the waterline in a "T" shaped connection.

Working Principle



IRRIGATION



POTABLE WATER



FIRE FIGHTING

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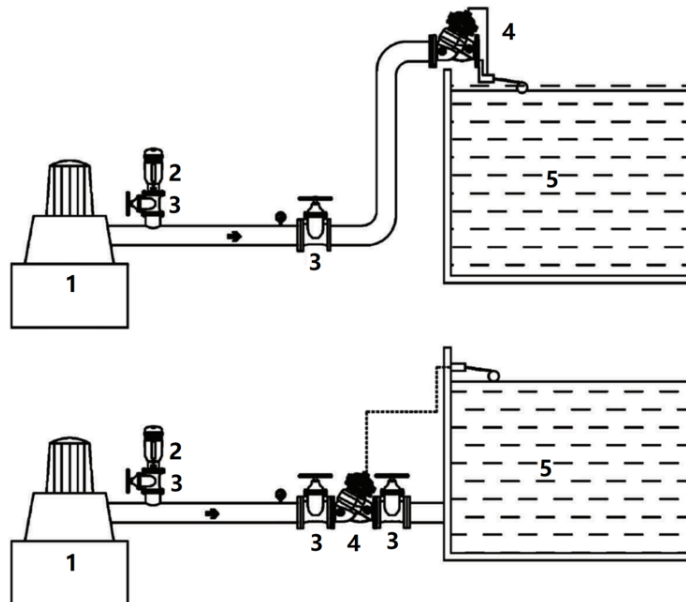
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Product Features

- No need for extra energy by running on pressure network.
- Easy and zero adjustment to demanded pressure.
- Pressure reduction without being affected by pressure and flow changes in network.
- Easy maintenance.
- Low Cavitation risk.

Application System



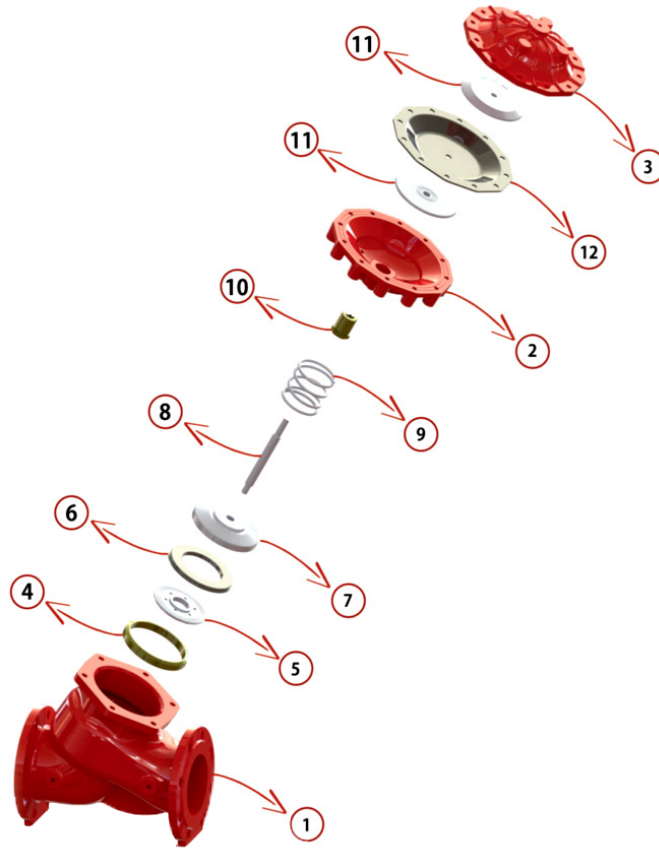
- 1- Pump
- 2- Air Release Valve
- 3- Isolation Valve
- 4- Horizontal Float Level Control Valve
- 5- Reservoir

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Material List



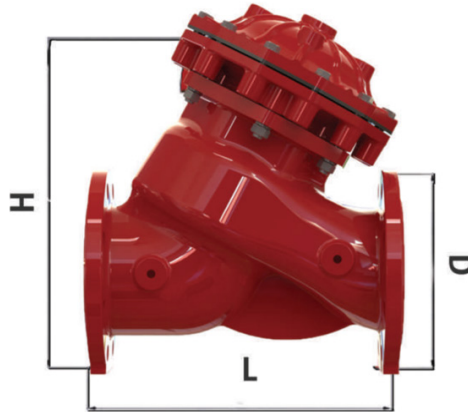
No	Part	Material
1	Body	GGG50 Ductile Iron
2	Centre Piece Body	GGG50 Ductile Iron
3	Bonnet	GGG50 Ductile Iron
4	Sealing Ring	Brass / Bronze
5	Disc Cover	AISI 420 / 304 / 316 Stainless Steel
6	Disc Gasket	Buna-N
7	Disc	AISI 420 / 304 / 316 Stainless Steel
8	Shaft	AISI 420 / 304 / 316 Stainless Steel
9	Spring	AISI 420 / 304 / 316 Stainless Steel
10	Centre Piece Body Shaft Nut	Brass / Bronze
11	Diaphragm Disc	AISI 420 / 304 / 316 Stainless Steel
12	Diaphragm	Neopren

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Dimensions Table



DN		L		D		H		Weight	
inch	mm	inch	mm	inch	mm	inch	mm	lbs	kg
2"	50	8.4	215	6.2	165	10.6	270	13	5.9
2½"	65	8.6	220	7.2	185	11.3	288	14	6.4
3"	80	10.6	270	7.8	200	13.3	340	26	11.8
4"	100	12.9	330	8.6	220	15.3	390	38	17.2
5"	125	13.1	335	9.8	250	16.5	420	39	17.7
6"	150	16.9	430	11.2	285	20.4	520	80	36.3
8"	200	21.2	540	13.2	340	26.2	668	142	64.4
10"	250	24.4	620	16	407	30.5	775	230	104.3
12"	300	25.9	660	18.3	466	33.4	850	370	167.8