



700 Series

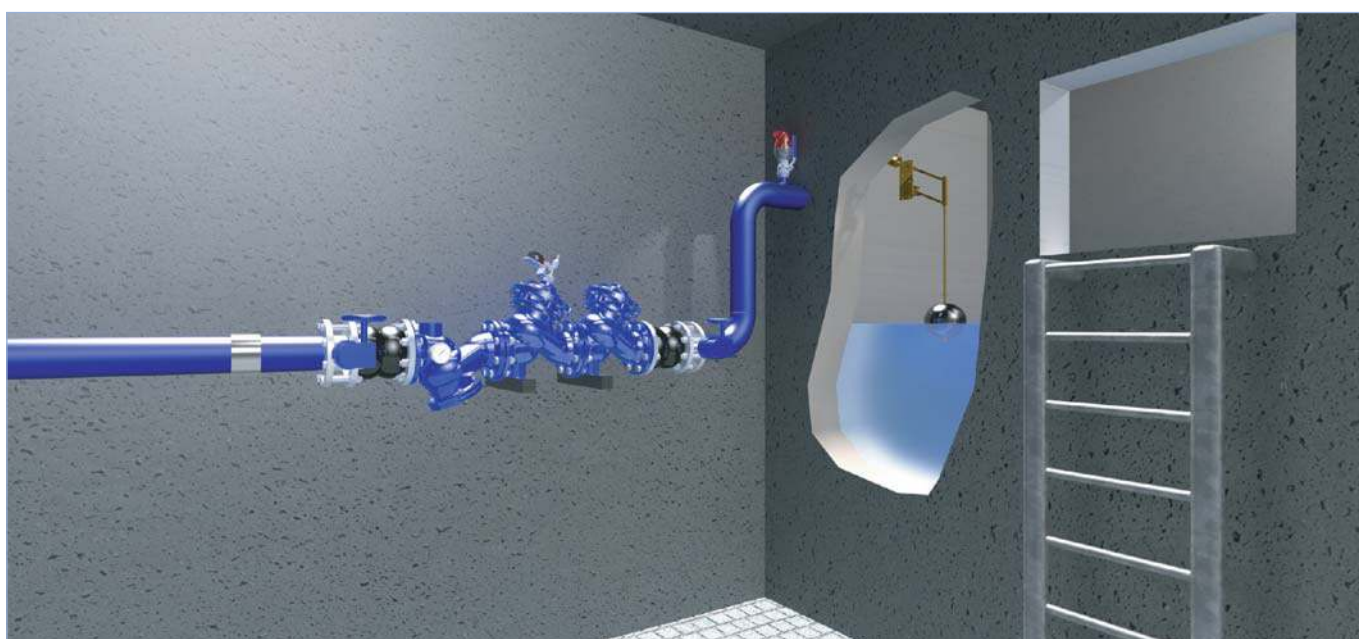
Level Control

Model WW-750-67A-LR(VARDI)-BP

Emergency Over Flow Control Valve with Lock Reset Assembly

Hydraulically operated reservoir over filling shutoff control valve, controlled by a vertical float installed above the regular top level of the reservoir. In emergency cases where water reaches this very maximum level the valve closes, locks and signals its designated emergency center; preventing overflow damage and water loss. Reopening the valve can be done only by manually resetting the valve's lock-reset device.

BERMAD 700 series valves are hydraulically operated globe valves available in either standard oblique (Y) or angle (A) pattern design. They have a full bore hydrodynamic body providing an unobstructed flow path, with a seat assembly and double chamber unitized actuator that can be disassembled from the body as a separate integral unit.



For illustration only

Typical Application

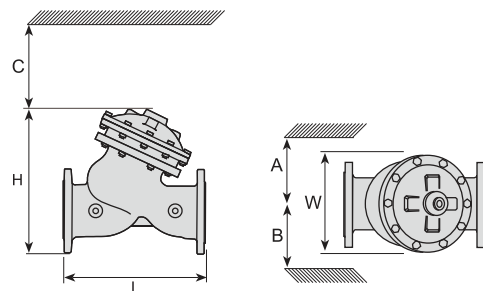
- Emergency level control of buildings' water reservoirs, which are sensitive to overflow damage; basement and roof-top reservoirs, pressure breaking tanks and other reservoirs in susceptible locations
- In buildings lacking in-house maintenance service where prevention of flood damage is essential
- In areas where protection against vandalism and tampering is needed

Features and Benefits

- High quality construction materials ensure reliable, resilient and long lasting operation
- Durable design suitable for highly intensive operation
- Full bore valve port area and hydrodynamic body provide unobstructed flow path, with minimal pressure loss, operation noise and low cavitation damage
- Double chamber actuator, fully operational under very low pressure conditions including optional full opening & closing action under zero line pressure; provides smooth, immediate valve response with no hammer effect.
- Near maintenance-free straightforward balanced design including an actuator that can be easily disassembled from the valve body as a separate integral unit for minimal downtime.
- Accurate and reliable level control - preventing reservoir overflows and cut-offs
- Hydrodynamic valve body - ensures minimal noise operation
- Vertically mounted, lightweight float, provides for easy installation, calibration and maintenance
- 2-way hydraulic control loop, requires no electricity
- During standby, no water flows through the float, enables long lasting operation, less wear and tear and no clogging of the internal water passages

Technical Data

Table		Kv	A, B (mm)	C (mm)	L (mm)	H (mm)	W (mm)	Weight (kg)	
DN	inch							Flanged	Grooved
40	1½"	42	350	180	205	239	155	9.1	n/a
50	2"	50	350	180	210	244	165	10.6	6
65	2½"	55	350	180	222	257	178	13	8
80	3"	116	370	230	250	305	200	22	10
100	4"	200	395	275	320	366	223	37	16
150	6"	460	430	385	410	492	320	75	52
200	8"	815	475	460	599	584	390	125	95



End Connections:

Flanged: ISO PN16, PN25 (ANSI Class 150, 300)

Threaded: ISO-7-Rp or NPT

Others: Available on request

Pressure Rating: 16, 25 bar (230, 362 psi)

Valve Pattern: Y & Angle

Working Temperature: Water up to 80°C (180°F)

Main Construction Materials:

Body, Cover and Actuator: Ductile Iron

Internals: Stainless Steel, Bronze & Coated Steel

Brass control components / accessories

Copper & Brass tubing & fittings

Optional: Stainless Steel 316

Elastomers: NBR Nylon fabric-reinforced

Coating / colour: Electrostatic Polyester Powder Blue

Optional: Epoxy Fusion-Bonded Blue

How to Order

Please specify the requested valve in the following sequence:

Size	Model	Category	End Connections
1½"	750-67A-LR	BP	Flanged
2"			ISO-16 16
2½"			ISO-25 25
3"			ABNT16 B6
4"			ABNT25 B2
6"			ANSI150 A5
8"			ANSI300 A3
			JIS-16 J6
			Threaded
			BSP BP
			NPT NP
			Grooved
			ANSI C606 V1

For other optional materials consult BERMAD