



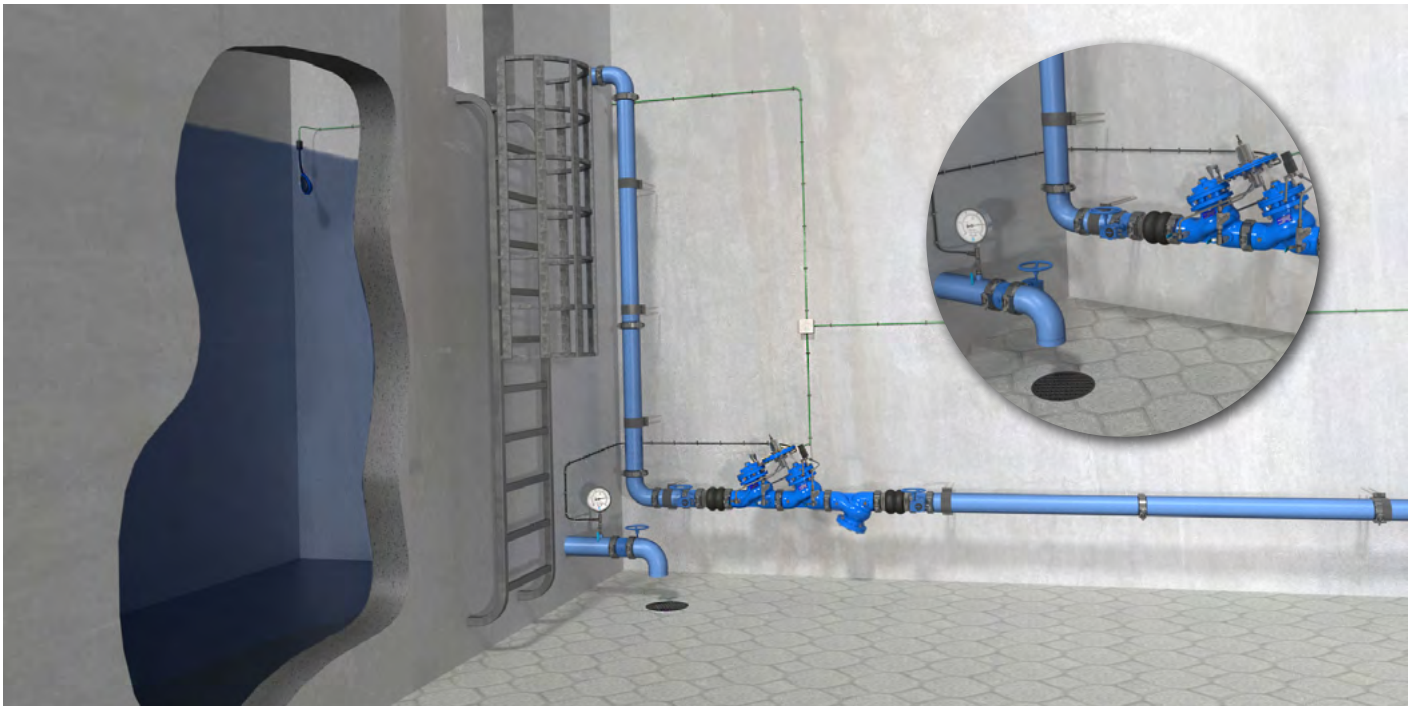
LEVEL CONTROL VALVE

With Altitude Pilot

Model BC-750-82-P

Reservoir Level Control valve with Altitude Pilot is a hydraulically controlled, diaphragm actuated control valve that shuts at pre-set high reservoir level and opens in response to level drop, keeping the reservoir full regardless of fluctuating demand.

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



With BERMAD BC-750-82-P the water level is maintained by the use of a highly accurate pilot valve that precisely senses the water level head from a sensing point at the bottom of the reservoir and controls

the main filling valve accordingly. Safeguards from overflow, an electric level control valve BC-750-6E-P wait for an electric signal from a water level sensor (featured here is an electric float).

Typical Application

- High level reservoirs & water towers
- "Always full" reservoir, for potable water or dual purpose firewater & potable water reservoir
- Self operated with no float – easy maintenance in hard to access reservoirs.



Features and Benefits

- External installation and no use of float – simple installations and easy accessibility
- High Quality Construction Materials – Reliable, resilient and long lasting operation
- In-Line Serviceable – Quick and easy maintenance and service
- Unitized Actuator Assembly – Minimal downtime
- 2-Way Control Loop – Immediate, accurate response to sudden system variations
- Adjustable Pilot – Easy field level setting and calibration
- Hydrodynamic Body with Unobstructed Flow Path – Minimal noise and cavitation damage
- Protected Diaphragm – Minimizes chance of damage caused by debris in the pipeline
- V-Port Throttling Plug – Low flow stability

Technical Data

End Connections: Grooved, Flanged, Threaded
Pressure Rating: 250, 400 psi, PN16, 25
Valve Pattern: Y (Oblique) and Angle
Working Temperature: Water up to 140°F; 60°C

Main Valve Materials:

Body, Cover and Partition:
Standard: Ductile Iron
Optional: Stainless Steel 316
Internals: Stainless Steel, Bronze and Coated Steel
Control Accessories: Stainless Steel 316 / Bronze and Brass
Tubing & Fittings: Stainless Steel 316 / Copper and Brass / Reinforced Nylon and Brass
Diaphragm: EPDM, Nylon Fabric-Reinforced
O-Rings: EPDM
Seal: NBR
Coating: Blue Fusion bonded epoxy

For Other optional material consult BERMAD

How to Order

Please Specify the requested valve in the following sequence:

	Size	Model	Approval Group	End Connections & Pressure Rating		
BC		750-82-P				
Buildings And Construction	1½" 2" 2½" 3" 4" 6" 8" 10" 12" Larger sizes available on request	Potable Water		Up to 250 PSI / PN16		
		WRAS	P1	Grooved	ANSI C606	VI
		DVGW			BS 1378	VB
		ACS			ISO-16	16
		GOST		Flanged	ABNT16	B6
		BELGAQUA			ANSI150	A5
		PZH			JIS-16	J6
		BULGARCONTROLA	P2	Threaded	BSP	BP
		SVGW			NPT	NP
		NSF 61/372			250-400 PSI / PN25	
		AS 5081	P3	Grooved	ANSI C606	V2
		WATER MARK			BS 1378	VD
Unregistered	Flanged	ISO-25			25	
		ABNT25	B2			
		ANSI300	A3			
			Threaded	BSP	PH	
				NPT	NH	



NSF 61/372
USA



WRAS
UK



DVGW
Germany



ACS
France



GOST
Russia



BELGAQUA
Belgium



AS 5081
Australia



Watermark
Australia



PZH
Poland



Bulgarcontrola
Bulgaria



SVGW
Switzerland



ISO 9001 - 2008