



LEVEL CONTROL VALVE

with Modulating Vertical Float

Model BC-750-67-P

Reservoir Level Control valve with Modulating Vertical Float is a hydraulically controlled, diaphragm actuated control valve that controls reservoir filling to maintain constant water level, regardless of fluctuations in 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.



Water Reservoir Level Control System, featuring the BC-750-67-P that maintains constant water level in the reservoir. As backup another level control valve is stationed upstream and calibrated to a slightly

higher water level. The backup valve can be specified to operated hydraulically (BC-750-66-P) or electrically (BC-750-65-P).

Typical Application

- For low volume reservoirs
- For reservoirs with large surface area
- Level Control for potable water reservoirs servicing also for fire protection



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 operation noise and low cavitation damage
- Double chamber actuator provides smooth, immediate valve response with no hammer effect
- Near maintenance-free design including an actuator that can be easily disassembled from the valve body as a separate integral unit for minimal downtime
- Easy on-site inline maintenance
- Float can be installed in a stilling tank, isolating it from waves in the main water tank

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: 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
Seal: NBR
Coating: Blue Fusion bonded epoxy

How to Order

Please Specify the requested valve in the following sequence:

	Size	Model	Approval Group	End Connections & Pressure Rating			
BC		750-67					
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		Flanged	ISO-16	16	
		GOST			ABNT16	B6	
		BELGAQUA		Threaded	ANSI150	A5	
		PZH			JIS-16	J6	
		BULGARCONTROLA		250-400 PSI / PN25	BSP	BP	
		SVGW			NPT	NP	
		NSF 61/372		P2	Grooved	ANSI C606	V2
		AS 5081		P3		BS 1378	VD
		WATER MARK			P0	Flanged	ISO-25
		Unregistered		Threaded			ABNT25
					ANSI300	A3	
			BSP	PH			
			NPT	NH			

