BERMAD Buildings & Construction

Potable Water • Level Control



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

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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 /

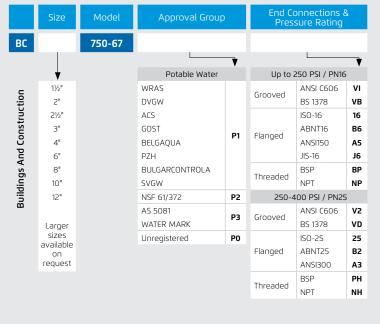
Bronze and Brass

Tubing & fittings: Stainless Steel 316, Copper and Brass / Reinforced Nylon and Brass Diaphragm: EPDM Nylon fabric-reinforced

Coating: Blue Fusion bonded epoxy

How to Order

Please Specify the requested valve in the following sequence:



























NSF 61/372

WRAS

DVGW Germany

France

GOST Russia BELGAQUA Belgium

AS 5081 Australia

Australia

Poland

Bulgaria

SVGW Switzerland

ISO 9001 - 2008