

## 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.

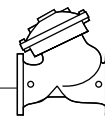


Water Reservoir Level Control System, featuring the BC-750-67-P that maintains constant water level in the reservoir. As backup another level control valve is stationed upstream and calibrated to a slightly higher water level. The backup valve can be specified to operated hydraulically (BC-750-66-P) 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

All images in this catalog are for illustration only



## 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 180°F; 80°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 or Bronze and Brass

**Tubing & fittings:** Stainless Steel 316, Copper and Brass or reinforced nylon and brass

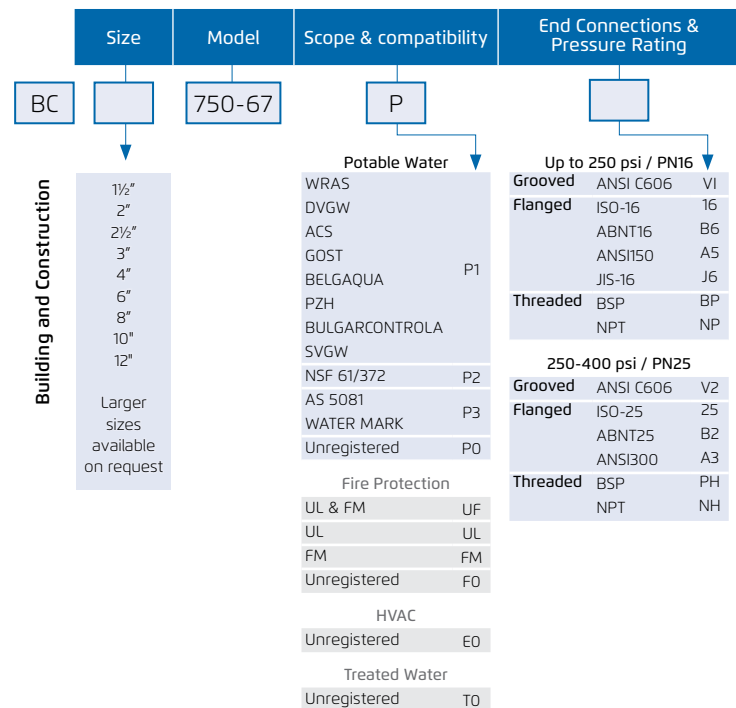
**Diaphragm:** EPDM Nylon fabric-reinforced

**Seal:** NBR

**Coating:** Fusion Bonded Epoxy, RAL 5017 (Blue)

## How to Order

Please specify the requested valve in the following sequence:



For other optional materials consult BERMAD

For Dimensions & Weights, IOM and more other detailed engineering data, visit the Series Engineering Documentation or the Downloads Center on the [BERMAD website](http://www.bermad.com)

## Drinking Water Standards, Approvals & Certification:

