

100 Series

Level Control

Model WW-150-60-BT

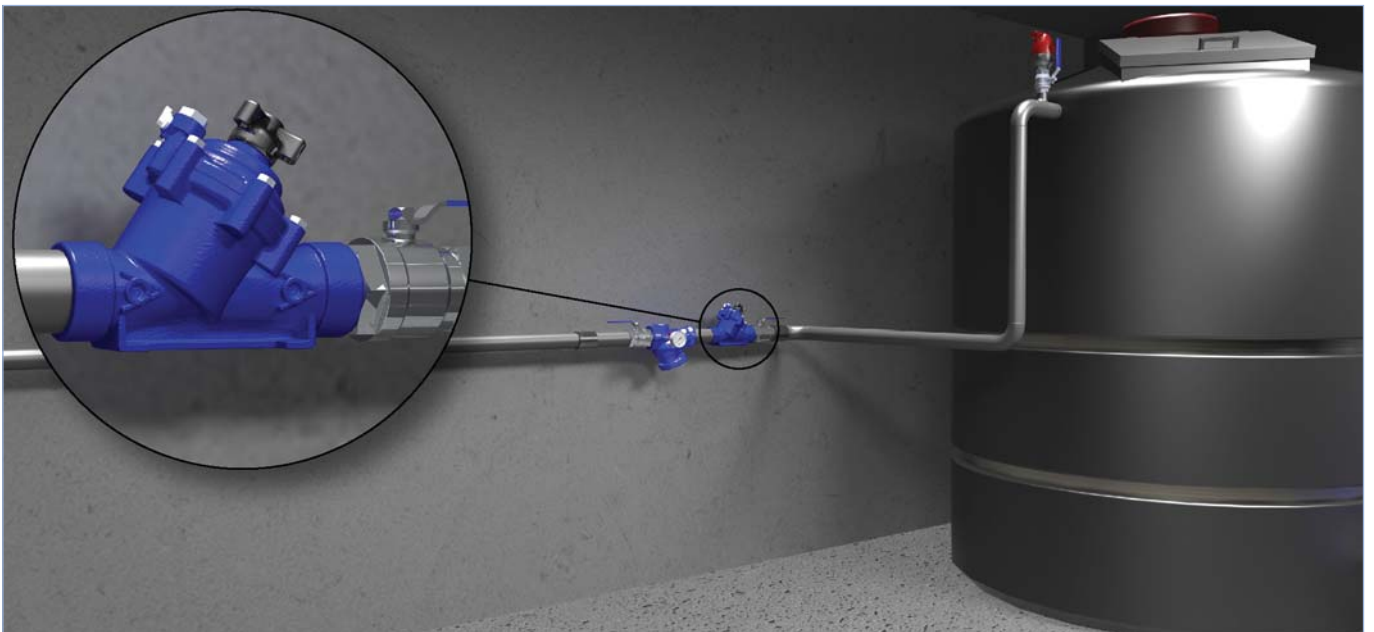
## Level Control Valve with Modulating Horizontal Float

Hydraulically operated control valve that controls reservoir filling and reservoir level in building treated water systems.

Reservoir filling is accomplished in response to a hydraulically controlled modulating horizontal float that maintains a constant water level, regardless of fluctuating demand.

The BERMAD 100 hYflow, at the leading edge of control valve design, are hydraulic plug- type, diaphragm operated valves.

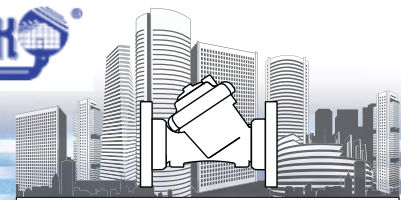
This highly durable series utilizing industrial glass-filled nylon, combines simple and reliable construction with superior performance under wide range of operation conditions.



For illustration only

### Typical Application

- Reservoir level control of treated water systems in buildings
- Priority and backup management of building treated water reservoirs
- Level control of Reverse Osmosis and De-Mineralized water applications
- Refilling control of swimming pool balancing tanks
- Constant level control systems where maintaining full tank level is required
- Level control of undersized tanks in building treated water systems



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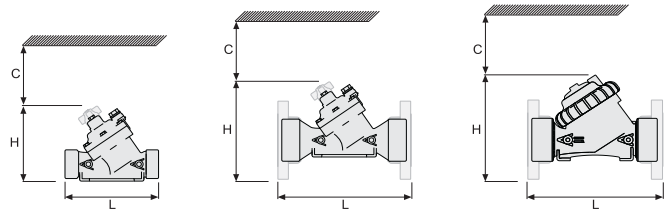
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## Features and Benefits

- High quality industrial grade construction materials ensure reliable, resilient and long lasting operation
- Flexible super travel diaphragm and balanced plug provide smooth operation with low actuation pressure and diaphragm protection
- Highly durable and resistant to harsh environmental conditions
- Simple design with few parts allows easy in-line inspection and service
- Adaptable on-site to a wide range of end connection types and sizes
- Incorporated flow handle for manual flow adjustments and operation overriding
- Accurate and reliable level control; prevents reservoir overflows and cut-offs
- Specially designed for building water treatment and energy systems
- Ideal for plastic tank low pressure applications
- Easy to horizontally mount and calibrate lightweight float; simple installation and maintenance, long-lasting smooth and reliable operation

## Technical Data

Table		Kv	C (mm)	L (mm)		H (mm)		W (mm)		Weight (kg)	
DN	inch			Thr	Fla	Thr	Fla	Thr	Fla	Thr	Fla
50	2"	100	350	230	230	185	185	135	135	1.35	1.35
65	2½"	100	370	230	230	185	185	135	135	1.40	1.40
80	3"	100	395	298	308	195	255	190	100	1.60	2.50
100	4"	200	430	n/a	350	n/a	294	115	115	n/a	4.90



## End Connections:

**Threaded:** Female ISO-7-Rp or NPT for 1½, 2 & 3"

Male ISO-7-Rp 2"

**Flanged:** 3 & 4"

Plastic or metal "Corona" with elongated slot enable meeting diverse flange standards ISO PN10, ANSI 125, JIS 10K

**Pressure Rating:** 10, 12 bar (145, 174 psi)

**Valve Pattern:** Y & Angle (3")

**Working Temperature:** Water up to 60°C (140°F)

## Main Construction Materials:

**Body, Cover and Actuator:** Glass-Reinforced Nylon

**Internals:** Plug: Glass-Filled Nylon

**Control Trim System:** Plastic, Brass, bronze accessories

**Elastomers:** NBR [Buna-N]

**Colour:** Potable water - Blue/12 Bar,

General applications - Black/10 Bar

For other optional materials consult BERMAD

## How to Order

Please specify the requested valve in the following sequence:

Size	Model	Category	End Connections															
2" 2½" 3" 4"	150-60	BT	<table border="0"> <tr> <td>Flanged</td> <td>ISO-10</td> <td>10</td> </tr> <tr> <td></td> <td>JIS-10K</td> <td>J1</td> </tr> <tr> <td></td> <td>ANSI125</td> <td>A1</td> </tr> <tr> <td>Threaded</td> <td>NPT</td> <td>NP</td> </tr> <tr> <td></td> <td>BSP</td> <td>BP</td> </tr> </table>	Flanged	ISO-10	10		JIS-10K	J1		ANSI125	A1	Threaded	NPT	NP		BSP	BP
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