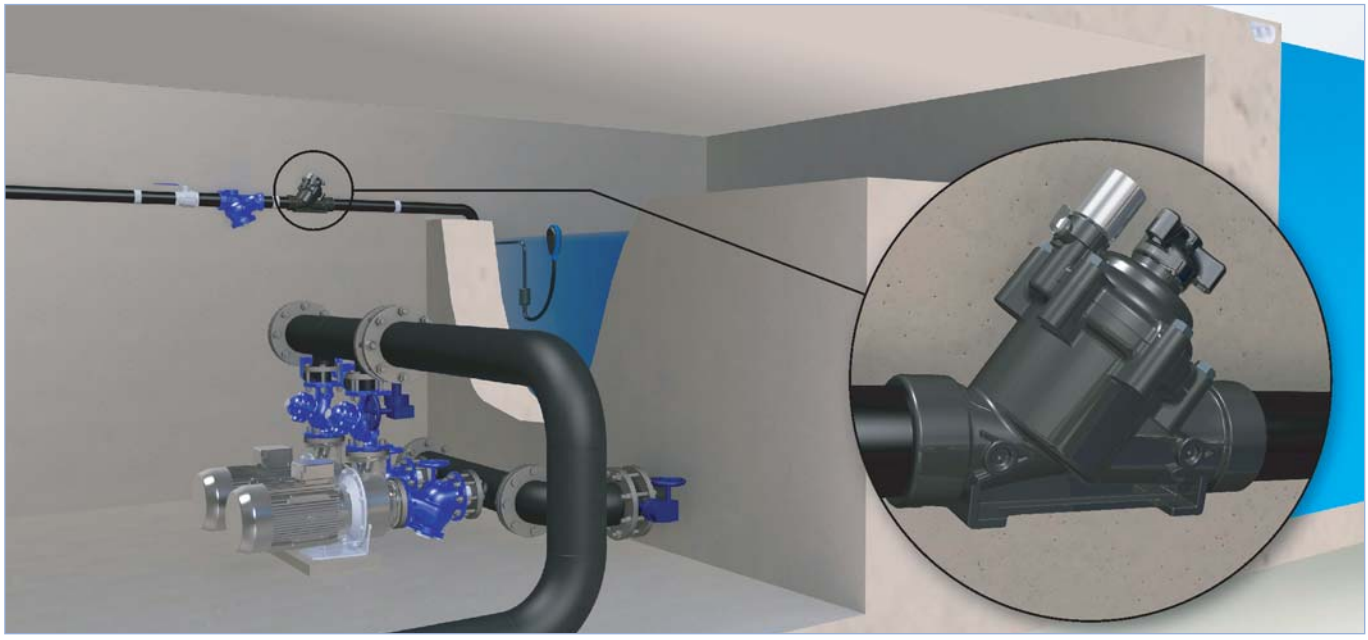
Model WW-150-65-BT

Level Control Valve

with Bi-Level Electric Float

Hydraulically operated control valve that controls reservoir filling and reservoir level in building treated water systems.
Reservoir filling is in response to a Bi-level electric float switch signal opening at a pre-set low level and shutting off at a pre-set high level.
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 buildings' treated water reservoirs
- Level control of Reverse Osmosis and De-mineralized water applications
- Swimming pools' balancing tanks refilling control

BERMAD Construction & Buildings

100 Series

Level Control

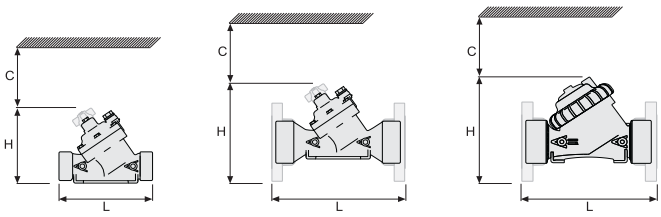
Model WW-150-65-BT

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
- Straight flow-through design of valve body ensures in ultra-high flow capacity with minimal loss of pressure
- Highly durable and resistant to harsh environmental conditions
- Simple design with few parts allows easy in-line inspection and service
- Incorporated flow handle for manual flow adjustments and operation overriding
- Specially designed for building water treatment and energy systems
- Ideal for plastic tank low pressure applications
- Electrical operation. Low voltage and low current NO and NC solenoids
- Optional complete closing of the valve by external hydraulic/electric control source, regardless of the supply line pressure

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		
	150-65	BT			
2"			Flanged	ISO-10	10
2½"				JIS-10K	J1
3"				ANSI125	A1
4"			Threaded	NPT	NP
				BSP	BP