



Buoy™ Whole Home Water Controller

SUBMITTAL SHEET

Job Name	
Engineer	
Mechanical Contractor	
Contractor's P.O. No.	
Representative	
Notes	

Model: BSV-101-WC10-LF/U	Qty	
Notes		
Approval		
Service		
Tag No.		

APPLICATION

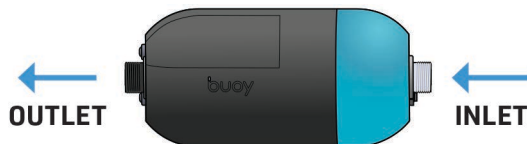
The Buoy Whole Home Water Controller is the complete smart home device for managing household water usage, detecting leaks, and shutting off water remotely and automatically. Connect the Controller to WiFi, install it on the water line, and start getting the detailed water information that makes a real impact.

Horizontal or Vertical installation.

IMPORTANT

The Buoy Controller must never be installed:

- On a home without an existing main water shutoff
- On fire sprinkler water lines or fire suppression systems
- In a place that will be submerged in water
- Where it will be buried in snow
- Behind a wall or other inaccessible place
- On pipe more than 1.5 in. diameter
- In any configuration, be sure the blue end of the Controller faces the water INLET and the grey end of the Controller faces the water OUTLET



The Buoy Controller must be installed after the utility water meter, the water main manual shutoff, and the PRV, if one is present.

SPECIFICATIONS

Model: BSV-101-WC10-LF/U

Length: 13 in. to NPS fitting, 18 in. to 3/4 in. union fitting

Included fittings: 3/4 in. NPT to 1 in. NPS union fitting

House water pressure: 40-100 psi; 50-80 psi recommended

Power requirements: 110 VAC power outlet

Maximum Safe Operating Pressure: 100 psi

Operating Temperature Range: 32-122°F (0-50°C)

Minimum flow rate: 0.25 gpm (0.95 lpm)

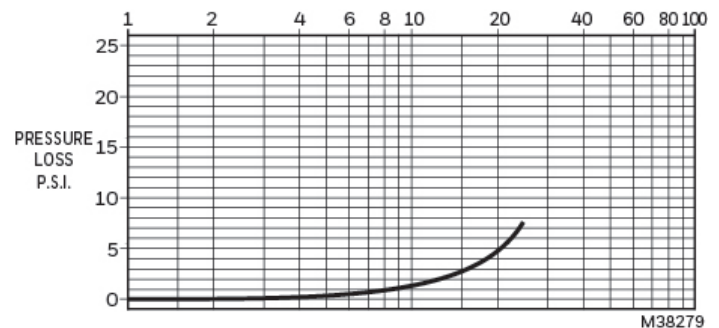
NPT Connection Type: 1 in. NPS male

Pipe Size: 3/4 in. to 1-1/2 in. (DN20 to DN40)

Flow Capacity (Cv): 25 gpm

Cv Valve Component: 55

Meter Component: See chart below



Lead-Free

WI-FI COMMUNICATION

Provides Remote Access through Smartphone, Tablet or Computer When connected to Wi-Fi and registered to Buoy Whole Home Water Controller app.

2.4GHz range, 802.11 b/g/n home wireless router

APPROVALS

UL Classified Water Quality – Drinking Water System Component
ANSI/NSF 61 (MH63934)

FCC

CEC

Regulatory information on page 2.



33-00499-01

REGULATORY INFORMATION

FEDERAL COMMUNICATIONS COMMISSION (FCC) AND INDUSTRY CANADA (IC) STATEMENTS

The user shall not make any changes or modifications to the equipment unless authorized by the installation instructions or user's manual. Unauthorized changes or modifications could void the user's authority to operate the equipment.

CLASS B DIGITAL DEVICE STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, as defined by FCC Rules Part 15.105. The Class B Digital Device statement can be viewed at: <https://customer.resideo.com/en-US/support/residential/codes-andstandards/FCC15105/Pages/default.aspx>

FCC/IC STATEMENT

This device complies with part 15 of the FCC Rules, and Industry Canada's license-exempt RSSs. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

Cet appareil est conforme à la partie 15 des règles de la FCC et exempt de licence RSS d'Industrie Canada. Son fonctionnement est soumis aux conditions suivantes :

1. Ce appareil ne doit pas causer d'interférences nuisibles.
2. Ce appareil doit accepter toute interférence reçue y compris les interférences causant une réception indésirable.

RF Exposure Warning - The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 7.8 in. (20 cm) from all persons and must not be co-located or operating in conjunction with any other transmitter except in accordance with FCC and ISED multi-transmitter product procedures

La/les antenne(s) utilisée(s) pour cet émetteur doivent être installée(s) à une distance de séparation d'au moins 20 cm (7,8 pouces) de toute personne et ne pas être située(s) ni fonctionner parallèlement à tout autre transmetteur ou antenne, excepté en conformité avec les procédures de produit multi transmetteur FCC et ISED.



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