

TOMSON™

Leak Protection Valve

Installation, Troubleshooting and Instructions for use

SCOPE OF USE

This Tomson Leak Protection Valve is an electronic automated shut off valve for mains water supply systems in the event of a leak as specified below and in accordance with the requirements of the Plumbing Code of Australia (PCA) and WMTS-476:2016.

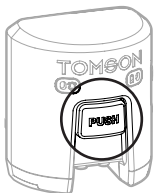
- Size: 15mm (1/2")
- Type: 15mm C x C, DZR Brass, Compression nut and copper olive, Full bore
- Maximum operating temperature to 90°C
- Maximum pressure 2500kPa
- For internally installed hot water systems only
- Must be installed by a licensed Plumber

PRIOR TO INSTALLATION

- Must be installed by a licensed Plumber.
- For internal installation only. Fit to inlet water supply of mains pressure hot water system in conjunction with a safe tray without a drain. Refer to AS/NZS 3500.4:2018. For use on multiple storage systems, install one Tomson Leak Protection Valve on each system.
- Inspect the Tomson Leak Protection Valve prior to installation. Insert batteries, apply TESTING procedure, then test reset button marked PUSH to ensure the product is working correctly.

INSTALLATION

- Note – flow is non-directional.
- Tomson Leak Protection Valve can be installed on any angle and up to 1000mm from the base of the safe tray.
- Ensure the sensor is placed flat on the base of safe tray.
- Provide clear access for operation, testing and removal.
- Do not stress components - support brass valve by holding spanner grip whilst tightening end connections.
- Instruct occupant regarding operation and use of the Tomson Leak Protection Valve.



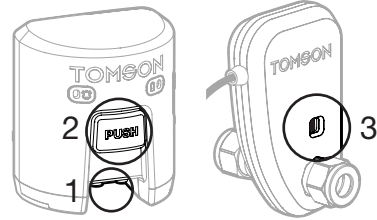
PROGRAMMING

After installation hold the reset button marked PUSH until an audible alarm is heard. This will ensure the valve is in an open position. Check hot water to ensure flow is established to the system.



VALVE INSPECTION PORT

Square shaped inspection port on the Valve unit shows **RED** when closed and **GREEN** when open.

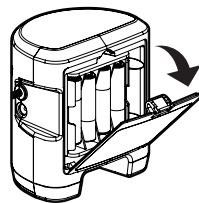


TESTING

- 1) Position a conductive item across the two terminals on the sensor. This will trip the valve to closed position and cease supply of water to your hot water system.
- 2) Ensure that all water is removed from the sensor contacts and press the reset button marked PUSH, an audible alarm will sound. This will ensure the valve is set back to an open position.
- 3) Check hot water to ensure flow is re-established to the hot water system.
- 4) Tomson Leak Protection Valve should be tested every 6 months. It is advised that batteries be replaced once a year or when the replace battery alarm is activated.

WHEN HOT WATER SYSTEM FAILS

- 1) Call a licensed plumber.
- 2) Immediately isolate the water supply at the isolation valve and energy supply to the hot water system.
- 3) Ensure hot water taps remain closed.
- 4) Replace water system and Tomson Leak Protection Valve



REPLACING BATTERIES

Remove battery cover on back of sensor unit.
Replace all four AAA batteries with new batteries & replace lid.
Hold down the button marked PUSH until an audible alarm is heard.

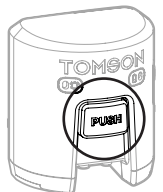
TROUBLESHOOTING



When the alarm sounds, the valve will trip cutting water to your system, preventing damage to your property. This alarm can be overridden by holding the reset button marked PUSH until an audible alarm is heard. This will return water supply to your hot water system. Check the hot water supply to ensure that water has resumed flowing to your system.

Flashing RED lights and alarm

Check the safe tray under the hot water system for water, if there is water pooling contact a plumber immediately. If there appears to be no water in the safe tray, press the reset button marked PUSH until an audible alarm is heard.



Flashing AMBER lights and alarm

Batteries are low and require replacing immediately. Once batteries are replaced press the reset button marked PUSH until an audible alarm is heard.



For more information, technical specifications or details on installation, please scan the QR code.

Certified to Standard WMTS-476:2016 as a device providing "protection against damage from leaking water" under AS/NZS 3500.4:2018

Product Code: 2571000



WMTS476:2016 Lic. No. 080023

