

Watts Governor 80-M1

Ball Cock and Thermal Expansion Relief Valve



Description

The Watts Governor 80-M1 is a unique product that solves three plumbing problems at once and offers the most cost effective way to ensure code compliance for domestic water systems

Toilet Tank Ball Cock Fill Valve

The Governor 80-M1 is a standard toilet tank ball cock fill valve that incorporates the simplest “full flow” ball cock available, assuring built in reliability. Its large, non-clogging flow way promotes quiet operation and snap action shutoff under a wide range of pressures. The Governor 80-M1’s construction uses PVC and Celcon® to make it completely non-electrolytic and non-corrosive.

Thermal Expansion/Pressure Relief Valve

Series Governor 80-M1 gets its name from its ability to govern or limit the domestic water system’s preset pressure to 80psi as required by code. It protects the primary safety valve on the water heater (the Temperature and Pressure Relief Valve) from unnecessary blow-off or discharge, which can cause potentially dangerous problems and costly water damage. The Governor 80-M1 discharges any extra volume of water generated by thermal expansion into the water closet eliminating the need for the installation of more expensive expansion tanks and auxiliary relief valves and their discharge lines.

Anti-Siphon Backflow Preventer

The Governor 80-M1 is also an anti-siphon backflow preventer and protects against backflow from water closets, a serious cross connection. This added protection ensures that water from the water closet will not contaminate the potable water supply.

Features:

- Limits and governs the domestic water system’s preset static pressure to 80psi as required by code
- Protects the Temperature and Pressure Relief Valve on the water heater from unnecessary relief discharge, reserving it for true emergencies
- Reduces the need to use a more expensive thermal expansion tank or an auxiliary relief valve requiring a drain line
- Prevents backflow from water closets, a serious cross connection
- ASSE 1002 listed
- IAPMO listed
- CSA approved

Materials:

- PVC and Celcon® body construction
- Black rubber gasket



“Another Innovation from Watts.”

Meeting codes with the Governor 80-M1

This triple-function device allows plumbing contractors and code officials to easily design a safe water system without additional expensive plumbing for expansion tanks or auxiliary relief valves to alleviate excessive pressure from thermal expansion.

To ensure compliance with plumbing code for domestic water systems, you must control thermal expansion which can raise system pressures above 80psi, the maximum level accepted by code standards.

For example, the BOCA National Plumbing Code, Section P-1503-3 states:

“Excessive Pressures: When street main pressure exceeds 80psi, an approved pressure reducing valve shall be installed in the water service piped near its entrance to the building to reduce the water pressure to 80psi or lower.”

Since most water closets use a ball cock fill valve, the installation of the Governor 80-M1 anti-siphon ballcock with relief valve assembly offers the most cost effective way to ensure code compliance for domestic water systems.

Installation

With the Governor 80-M1, you can replace an existing fill valve in minutes. For easy service, it uses a removable cap ring that disengages with a counterclockwise turn. For good plumbing practice, we recommend installation of the Governor 80-M1 on the fixture furthest from the water heater or heat source.

Specifications and Approvals

The Watts Governor 80-M1 is tested and certified under ASSE Standard 1002 and meets IAPMO, and CSA requirements for anti-siphon ball cocks. All materials in contact with water are FDA approved under DVR-21-177-2600. The thermal expansion relief valve is standardly set at 80psi to meet existing codes and is non-adjustable. Standard lengths are: 10", 11½" or 12½".

Ordering Information

Model No.	Ordering Code	Size	
		in.	mm
Gov. 80-M1-10	0721505	10	254
Gov. 80-M1-11.5	0721506	11½	292.1
Gov. 80-M1-12.5	0721507	12½	317.5

Important:

This control device is required by code. It limits system pressure in the event of thermal expansion. If replaced, it must be replaced with a comparable unit. If repaired, use only Watts genuine replacement parts. Consult a licensed plumber or plumbing contractor.

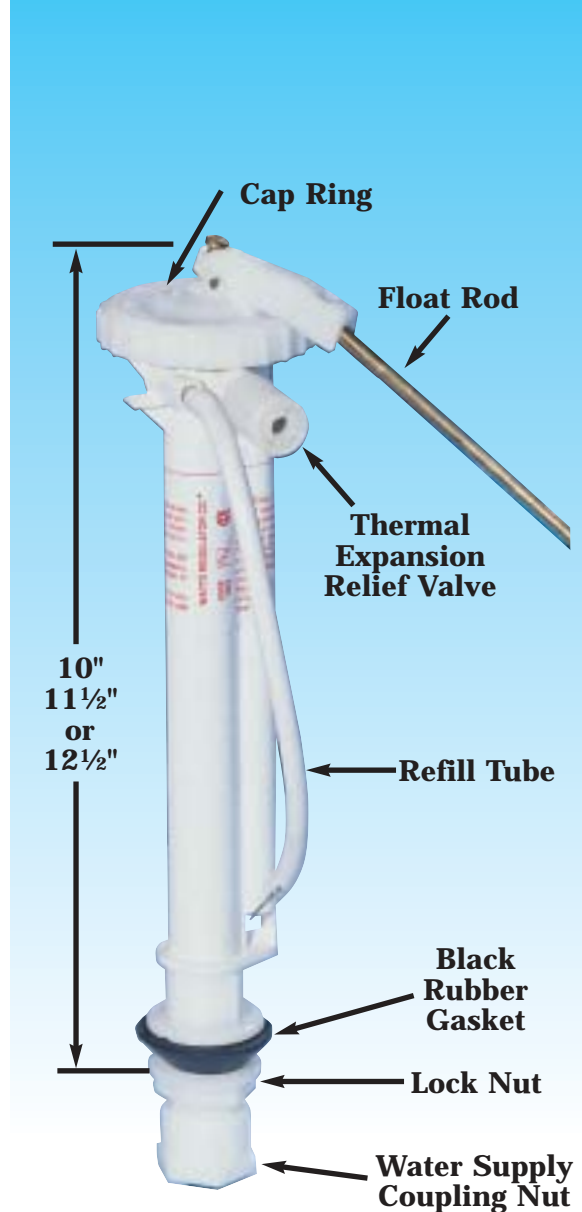
Repair Kit: Gov-80-M1-RK

- Consists of: 1 - upper diaphragm
- 1 - lower diaphragm
- 1 - relief valve

Ordering Code: 0721515



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IAPMO listed

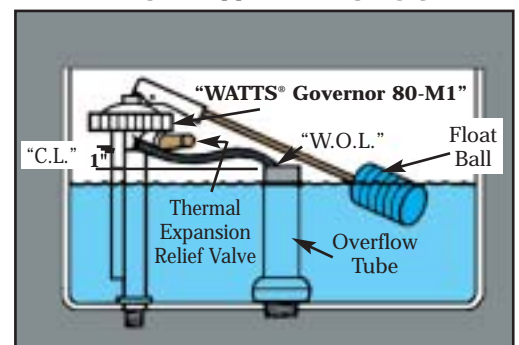


B125 Patent
#4745945



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TYPICAL WATER CLOSET



“C.L.” (critical level established)
“W.O.L.” (water overflow level)

Printed in U.S.A.