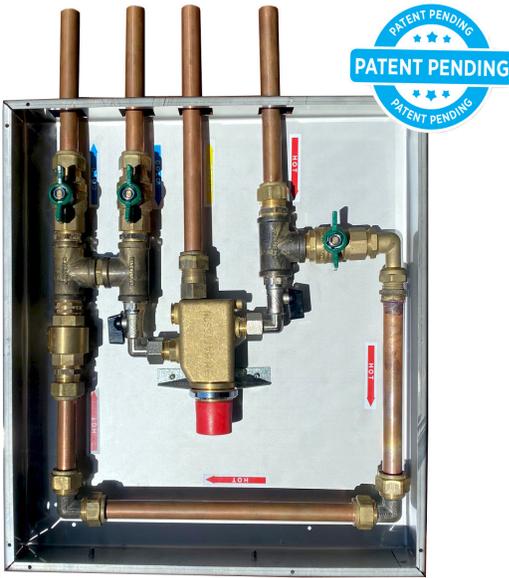


MAG-TMV Warm and Cold Pipework Thermal Flush-System



Product Code:

9230-8000 Series

9230-8004 (4 pipe illustrated)

MAG TMV Warm and Cold Pipework Thermal Flush System

Product Information

Thermal flush system for warm and cold pipework. TMV box includes multiple isolating valves to deliver flushing operations and disinfection through both the warm and cold water outlets to kill bacteria between the valves and outlets. Patent pending thermal treatment system which disinfects outlets for both warm and cold water-controlled flushing.

Features & Benefits

- Legionella control flush system which purges both warm and cold pipework
- One stage Thermal Flush process to kill bacteria in both warm and cold pipework
- More efficient and effective water hygiene management program
- Provided as an integrated TMV system with the FM Mattsson valves
- Can be retrofitted into an existing building or customised for refurbishments
- FM Mattsson Watermark and NSW Health Approved
- TMVs will function as normal whether the thermal flush is used or not used
- System will be provided with operation instructions
- No changes are required to the service procedures of the FM Mattsson TMVs
- 5 year valve warranty
- Australian made

Applications

Health and aged care facilities; commercial buildings; airports; hotels; educational facilities including schools and gymnasiums; sports facilities; correctional and prison buildings.



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MAG-TMV Warm and Cold Pipework Thermal Flush-System

Flushing Instructions And How To Operate

Key	
H	- Hot Water
M	- Mixed Water
C	- Cold Water
↑	- Direction of Flow
⌋	- Check Valve
⊗	- Isolation Valves
⊗	- Bleeder Valves

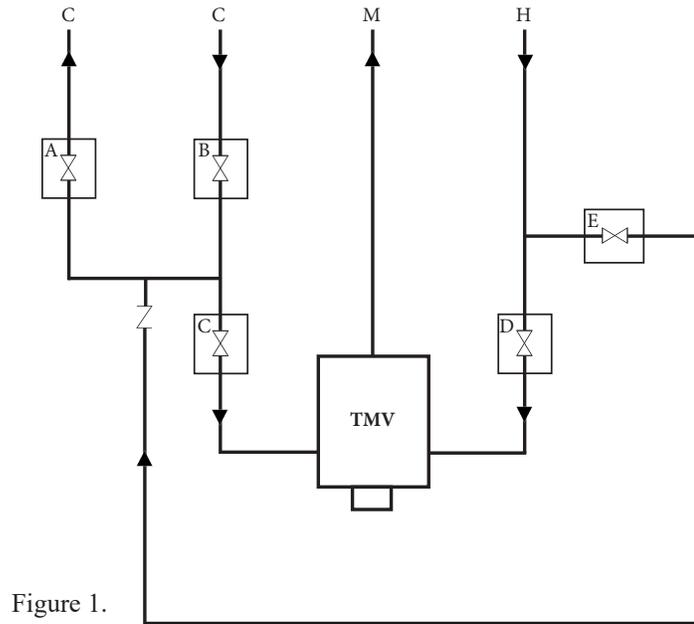


Figure 1.

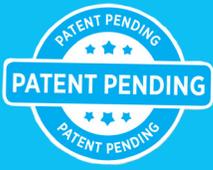
Normal Mode	Disinfecting Mode
<ul style="list-style-type: none"> Hot water flows through the open “D” isolating valve feeding the hot inlet to the Mattsson TMV Cold water flows through the open “B” and open “C” isolating valves feeding the cold inlet to the Mattsson TMV Cold water also flows through the open “A” isolating valve and feeds cold water to the outlets downstream ie basins/showers Isolating valve “E” connected to the disinfection loop is closed 	<ul style="list-style-type: none"> To disinfect the cold water inlet to Mattsson TMV, close isolating valve “A” and “B” Open isolating valve “E”- Hot water is now thermal flushing the cold water line feeding the Mattsson TMV through the mixed water line to open outlets downstream To disinfect the cold water outlet line, open isolating valve “A”. Hot water is now thermal flushing the cold water by-pass feeding to open outlets downstream Once the thermal flushing is completed, and to revert to normal mode, close isolating valve “E” Open isolating valve “B”

Thermal Flushing Safety

Only authorised staff and licensed or registered plumbing practitioners are to conduct thermal flush disinfect mode to prevent scalding during the process.

Ensure all outlets to be flushed are unoccupied during the process. Ensure full compliance in accordance with all relevant applicable codes and standards.





MAG-TMV Warm and Cold Pipework Thermal Flush-System

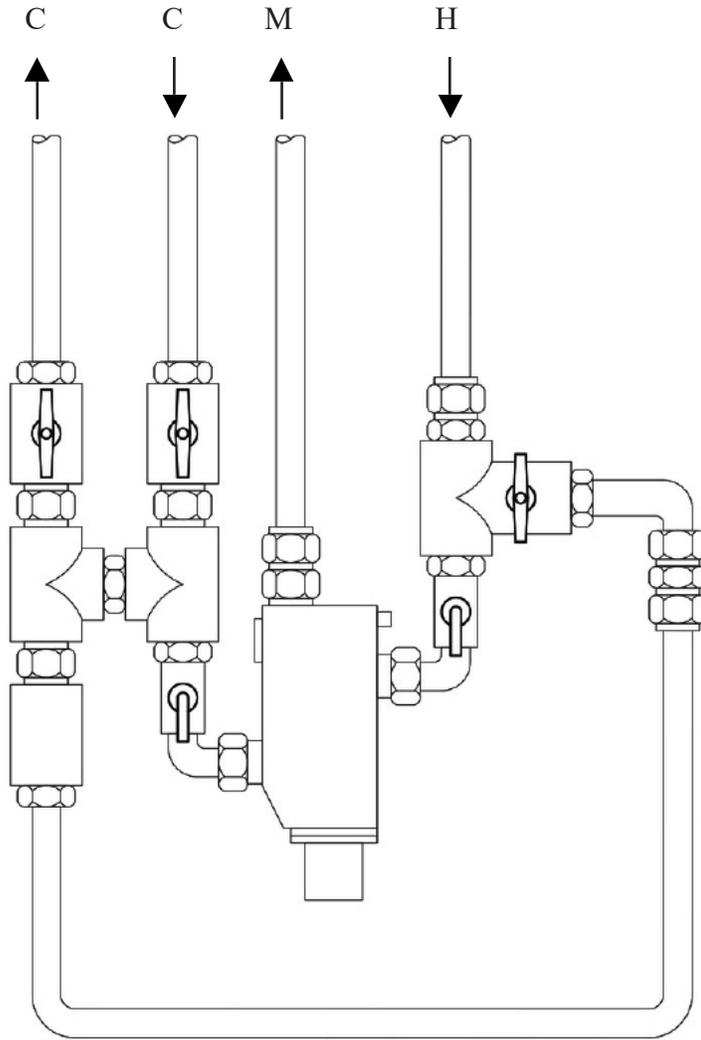
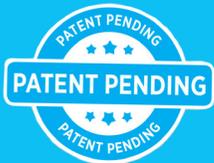


Figure 2.

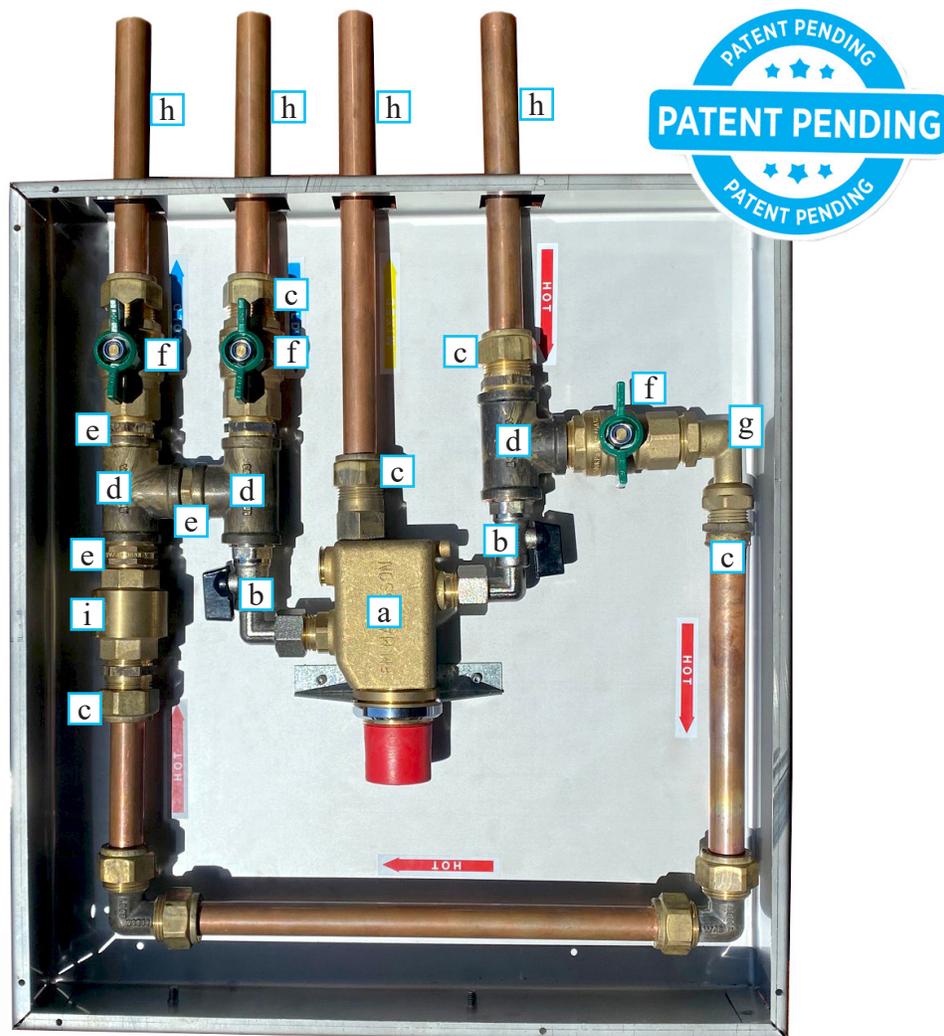
Dimensions

400mm width x 450mm height x 80mm depth



MAG-TMV Warm and Cold Pipework Thermal Flush-System

Component Breakdown



Component

Watermark License No.

a	TMV x1	Lic	1186
b	Chrome Ball Valve x 2	Lic	02072
c	Brass Union x 5	Lic	2503
d	Tee Piece x 3	Lic	2503
e	Hex Nipple x 3	Lic	2503
f	Ball Valve x 3	Lic	21813
g	Brass Elbow x 1	Lic	2503
h	Cooper Pipe x 4	Lic	25726
i	Check Valve x 1	Lic	2503



WaterMark
AS/NZS 1 172.1:2014
Lic: WM 74580



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