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Specification Sheet

PBTMV & Pre-Plumbed

Product Brochure

Products

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PBTMV Mixing Valve

9230-8070	Concealed Raw
5193-8070	Low Flow - High Flow 3/4”
5193-8071	Isolating Valves

Pre-Plumbed

9230-0001	4 Pipes One Way with Cold Water Bypass - Concealed Box
9230-0002	4 Pipes Two Way with Cold Water Bypass - Concealed Box
9230-0003	4 Pipes One Way with Cold Water Bypass - Wall Mounted Box
9230-0004	4 Pipes Two Way with Cold Water Bypass - Wall Mounted Box
9230-0005	3 Pipes One Way - Concealed Box
9230-0006	3 Pipes Two Way - Concealed Box
9230-0007	3 Pipes One Way - Wall Mounted Box
9230-0008	3 Pipes Two Way - Wall Mounted Box
Mark II	MAG Mattsson Mark II TMV Cabinet DF Finish
9230-001	6 Pipe System including cold and hot water bypass
9230-0013	5 Pipe System including cold and hot water bypass
9230-0014	6 Pipe System including hot water bypass and rainwater connection
9230-0015	7 Pipe System including cold and hot water bypass and rain water connection
9230-ECCI	4 Pipe System including Electronic Compartment

TMV Monitoring System

	TMV Temperature Monitoring System

Maintenance

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Product code: 9230-8070

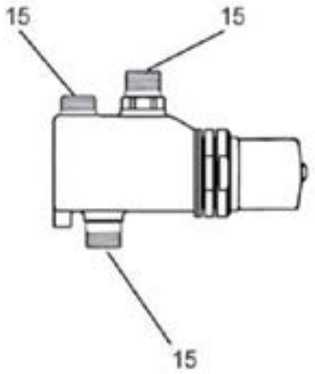
PBTMV - Concealed Raw

Key Benefits

FM Mattsson's unique valve technology stands out as the only one capable of handling sudden pressure peaks and fluctuating temperatures. With a minimum flow rate as low as 1L per minute, it maintains a constant temperature within ±1°C, ensuring precise control. The built-in Pressure Balancing Piston provides extra protection against scalding, all within a simple cartridge design. This technology delivers exceptional safety, performance, and superior quality unmatched by other brands.

Flow Table

Pressure (kPa)	Flow (l/min)
100	15.5
200	22.5
300	28
400	32.5
500	36.5
600	40.3



Pressure Balanced Thermostatic Mixing Valve

Features

- Valve is fitted with 15mm BSP Inlet Nipple
- Inbuilt non return valves and filters
- Fixed temperature knob to prevent unauthorised interference
- Fail safe system prevents scalding in the event of cold watter supply failure
- Operates from 50kPa to 1000kPa, with a recommended working pressure of 100kPa to 500kPa.
- 5-year warranty on the cartridge.
- Pressure balancing valve made in Sweden.
- Available in Pre-Plumbed boxes fully Australian Made

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Product code: 5193-8071

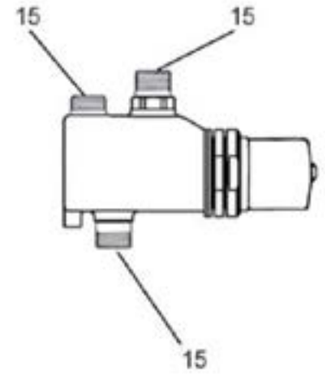
PBTMV - Isolating Valves

Key Benefits

FM Mattsson's unique valve technology stands out as the only one capable of handling sudden pressure peaks and fluctuating temperatures. With a minimum flow rate as low as 1L per minute, it maintains a constant temperature within ±1°C, ensuring precise control. The built-in Pressure Balancing Piston provides extra protection against scalding, all within a simple cartridge design. This technology delivers exceptional safety, performance, and superior quality unmatched by other brands.

Flow Table

Pressure (kPa)	Flow (l/min)
100	15.5
200	22.5
300	28
400	32.5
500	36.5
600	40.3



Mixing Valve for Showers, hands-free activation

Legionella Control

Thermal Flush for legionella control – simply remove the Red Lockshield cap, wind out the valve completely to flush through the desired / maximum degree of hot water.

Features

- Valve is fitted with 15mm BSP Inlet Nipple
- Inbuilt non return valves and filters
- Fixed temperature knob to prevent unauthorised interference
- Fail safe system prevents scalding in the event of cold watter supply failure
- Operates from 50kPa to 1000kPa
- 5-year warranty on the cartridge.
- Pressure balancing valve made in Sweden.
- Available in Pre-Plumbed boxes fully Australian Made

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Product code: 5193-8070

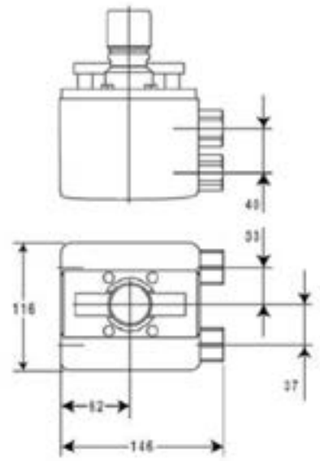
PBTMV - Low Flow-High Flow ¾”

Key Benefits

FM Mattsson’s unique valve technology stands out as the only one capable of handling sudden pressure peaks and fluctuating temperatures. With a minimum flow rate as low as 1L per minute, it maintains a constant temperature within ±1°C, ensuring precise control. The built-in Pressure Balancing Piston provides extra protection against scalding, all within a simple cartridge design. This technology delivers exceptional safety, performance, and superior quality unmatched by other brands.

Flow Table

Pressure (kPa)	15mm Outlet Flow (l/min)	20mm Outlet Flow (l/min)
100	17	36
200	24	
300	29.5	75
400	34	
500	38	97.5
600	41.5	



Pressure Balanced Thermostatic Mixing Valve with Fixed Temperature Knob

Legionella Control

Thermal Flush for legionella control – simply remove the Red Lockshield cap, wind out the valve completely to flush through the desired / maximum degree of hot water.

Features

- Valve is fitted with 15mm BSP Inlet Nipple
- Inbuilt non return valves and filters
- Fixed temperature knob to prevent unauthorised interference
- Fail safe system prevents scalding in the event of cold watter supply failure
- Operates from 50kPa to 1000kPa
- 5-year warranty on the cartridge.
- Pressure balancing valve made in Sweden.
  Available in Pre-Plumbed boxes fully Australian Made

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Product code: 9230

Pre-Plumbed Pressure Balanced Thermostatic Mixing Valve

Application

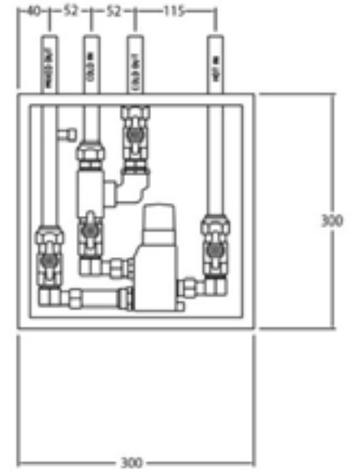
Suitable for hospitals, nursing homes, child care centres and public areas. Designed to deliver tempered water to single or multi-point installations without the risk of unauthorised persons altering preset temperature.

Installation

9230 valve pre-plumbed with 20mm isolating ball valves and pipework and supplied in high quality stainless steel box (300 x 300 x 75mm) for concealed (recessed) and exposed (wall mounted) installation.

Flow Table

Pressure (kPa)	Flow (l/min)
100	15.5
200	22.5
300	28
400	32.5
500	36.5
600	40.3



Pre-Plumbed Pressure Balanced Thermostatic Mixing Valve

Features

- 9230 PB Thermostatic Mixer with a fixed temperature knob
- Pilot holes for easy stud fixing and 150mm extended pipes for quick connection
- Cold water inlet with 20mm ball valve ensures supply during servicing
- Lockable lid, keyed alike for security
- Operates from 50kPa to 1000kPa; recommended 100kPa to 500kPa
- Swedish-made valves

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Product code: 9230

MAG-TMV Warm and Cold Pipework Thermal Flush System

	Component	Watermark Licence No
A	TMV x 1	Lic 1186
B	Chrome Ball Valve x2	Lic 2387
C	M/F Brass Extension x1	Lic 2387
D	Elbow x1	Lic 2387
E	Tee Piece x1	Lic 2387
F	Male Union x1	Lic 2387
G	M/M Elbow x1	Lic 2387
H	Ball Valve x1	Lic 21813
I	Copper Pipe x4	Lic 25726

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Product code: 9230-0004

MAG-TMV Warm and Cold Pipework Thermal Flush System

Key Benefits

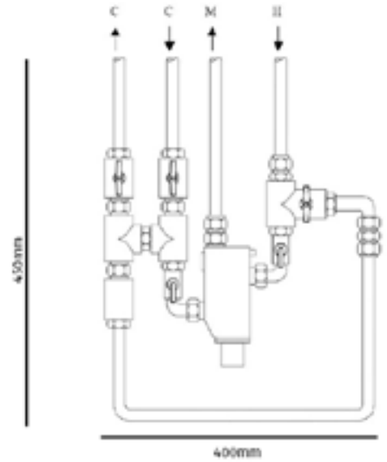
Thermal flush system for warm and cold pipework. TMV box includes multiple isolating valves to deliver flushing operations and disinfection through both the warm and cold water outlets to kill bacteria between the valves and outlets. Patent pending thermal treatment system which disinfects outlets for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

Dimensions
400mm width x 450mm height x 80mm depth

Legionella Control Flush System

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.



Features

- Legionella Control Flush System: Purges both warm and cold pipework
- One-Stage Thermal Flush Process: Effectively kills bacteria in both warm and cold pipework
- Efficient Water Hygiene Management: Enhances your water hygiene program
- Integrated TMV System: Includes FM Mattsson valves, approved by Watermark and NSW Health
- Retrofit or Custom Solutions: Can be fitted into existing buildings or customized for refurbishments
- Seamless Operation: TMVs will function normally whether or not the thermal flush is used
- Operation Instructions Provided: System comes with detailed instructions
- No Procedure Changes Needed: Maintains existing service procedures for FM Mattsson TMVs
- 5-Year Valve Warranty: Offers long-term reliability
- Australian Made: Proudly manufactured in Australia

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Product code: 9230-0004

MAG-TMV Warm and Cold Pipework Thermal Flush System

	Component	Watermark Licence 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

Flushing Instructions And How To Operate

Normal Mode

- 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

Disinfection Mode

- To disinfect the cold water inlet to the Mattsson TMV, close isolating valves “A” and “B”
- Open isolating valve “E” to allow hot water to thermally flush the cold water line through the mixed water line to open outlets downstream

To disinfect the cold water outlet line, open isolating valve “A.” Hot water will then flush through the cold water bypass to open outlets downstream

- After flushing, close isolating valve “E” to revert to normal operation
- Finally, open isolating valve “B”

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Product code: 9230-0001 till 0008

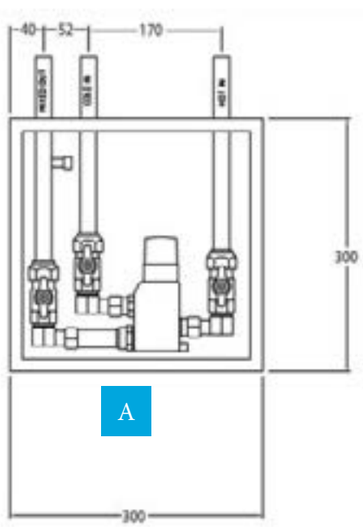
PBTMV Pre-Plumbed Standard Box

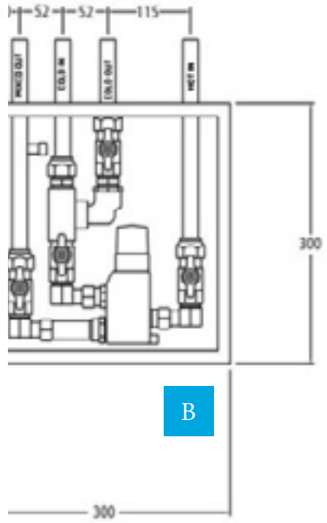
Key Benefits

Stainless steel box size: 300mm x 300mm x 75mm

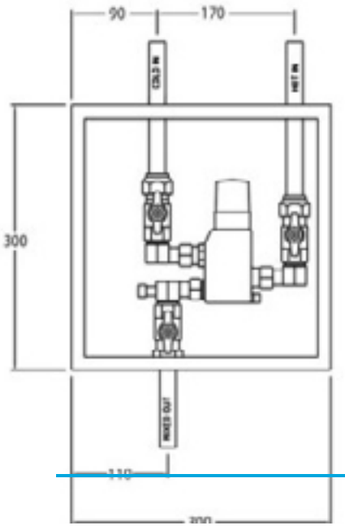
Panel door on recessed box: 330mm x 330mm x1.5mm

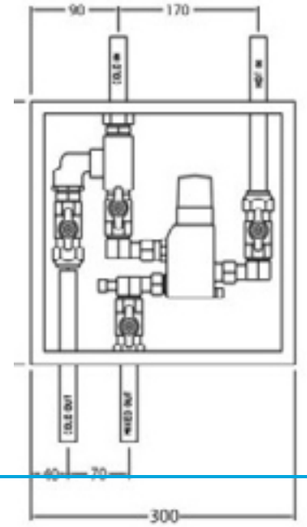
4 pipes has Cold Water Bypass.





A	3 Pipes One Way **- 9230 0005 concealed box** **- 9230 0007 wall mounted box**
B	4 Pipes One Way with cold water bypass **- 9230 0001 concealed box** **- 9230 0003 wall mounted box**
C	**3 Pipes Two Ways** **- 9230 0006 concealed box** **- 9230 0008 wall mounted box**
D	4 Pipes Two Ways with cold water bypass **- 9230 0002 concealed box** **- 9230 0004 wall mounted box**





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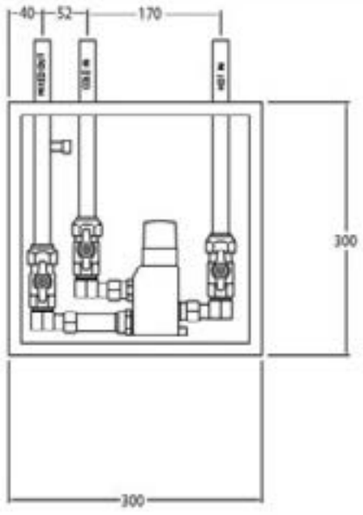


PBTMV Pre-Plumbed 3 Pipes One Way

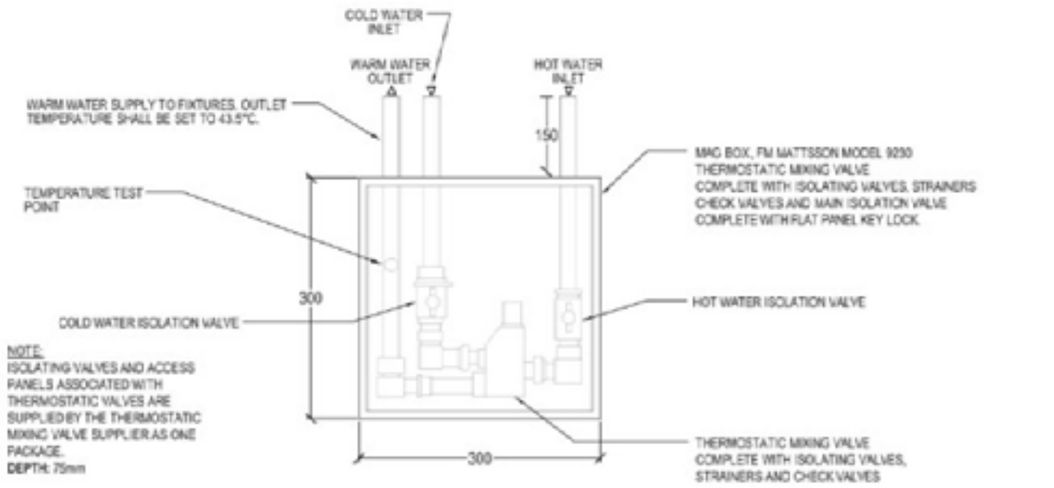
Key Benefits

Stainless steel box size: 300mm x 300mm x 75mm

Panel door on recessed box: 330mm x 330mm x1.5mm

Product Code

- 9230 0005 concealed box
- 9230 0007 wall mounted box.



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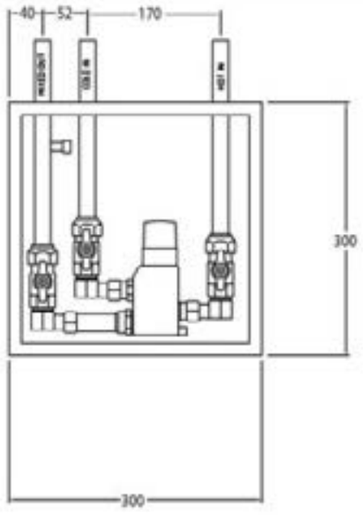
Product code: 9230-0005 & 9230-0007



MAG Mattsson Mark II Pre-Plumbed Box

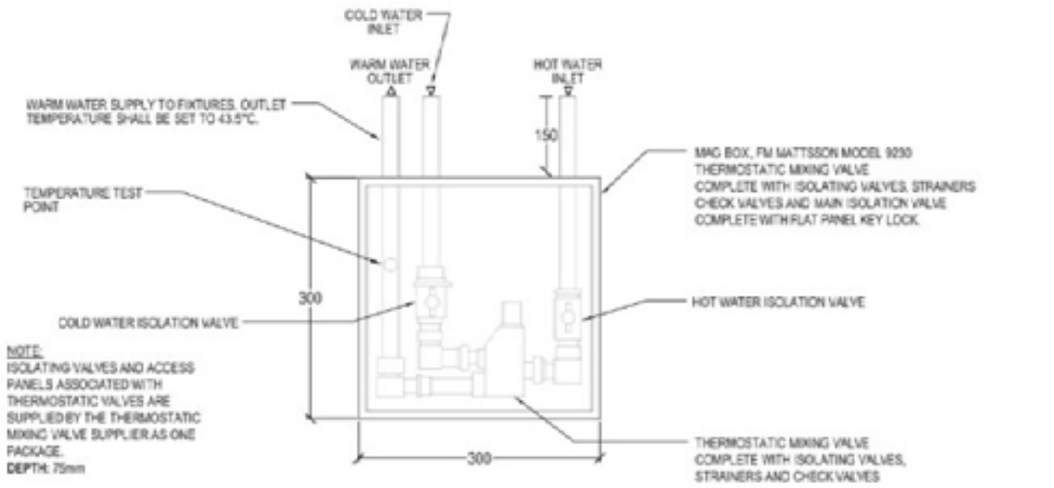
Key Benefits

Stainless steel box size: 300mm x 300mm x 75mm

Panel door on recessed box: 330mm x 330mm x1.5mm

Product Code

- 9230 0005 concealed box
- 9230 0007 wall mounted box.



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Product code: Pre-Plumbed PBTMV

MAG MATTSSON MARK II TMV Cabinet DF Finish

MAG-02 - Stainless Steel box only, with door and frame

Heavy Duty Door and Frame with Concealed Fixings.
Used in facilities where security is paramount.

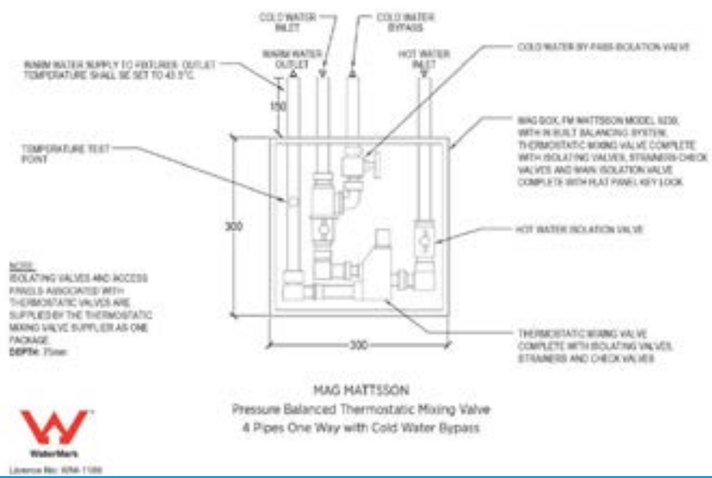
Dimensions:
- Box Size 300mm x 300mm x 75mm
- Door and Frame on recessed box is 355mm x 355mm x 1.5mm

Mattsson Mark II Box with Door and Frame type

- 9230-DF01 - 4 pipes one way with Cold Water Bypass (concealed/recessed) box
- 9230-DF02 - 4 pipes two way with Cold Water Bypass (concealed/recessed) box
- 9230-DF03 - 4 pipes one way with Cold Water Bypass (exposed/wall mounted) box
- 9230-DF04 - 4 pipes two way with Cold Water Bypass (exposed/wall mounted) box
- 9230-DF05 - 3 pipes one way (concealed/recessed) box
- 9230-DF06 - 3 pipes two way (concealed/recessed) box
- 9230-DF07 - 3 pipes one way (exposed/wall mounted) box
- 9230-DF08 - 3 pipes two way (exposed/wall mounted) box

TMV Cabinet Onlyfinish (DF)

- 9230-DF01 - 4 pipes one way with Cold Water Bypass (concealed/recessed) box



MAG MATTSSON
Pressure Balanced Thermostatic Mixing Valve
4 Pipes One Way with Cold Water Bypass

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Product code: 9230-0012

9230 8070 PBTMV Valve

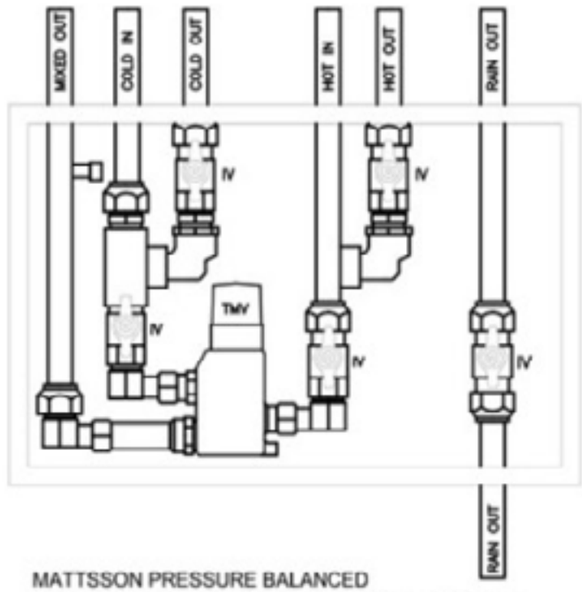
Special Plumbing Configuration: 9230-0012(W)

6 Pipe System including cold and hot water bypass

SPCs are plumbed into various size boxes, please ensure to box size meets your requirements. All boxes are fitted with flat panel door 30mm later than box size.

Models:
- 9230-0012: recessed box
- 9230-0012W: wall mounted box

Box Size: 350mm x 300mm x75mm with flat panel door.



MATTSSON PRESSURE BALANCED
THERMOSTATIC MIXING VALVE- MODEL 9230-0012
NOT TO SCALE

PBTMV 9230/INT SS BOX.
7 PIPES TWO WAY HOT/COLD/RAIN WATER BYPASS.
400x300x75 SS BOX/DOOR FRAME 440x340x15

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Product code: 9230-0013

9230 8070 PBTMV Valve

Special Plumbing Configuration: 9230-0013(W)

5 Pipe System including cold and hot water bypass

SPCs are plumbed into various size boxes, please ensure to box size meets your requirements. All boxes are fitted with flat panel door 30mm later than box size.

Models:
- 9230-0013: recessed box
- 9230-0013W: wall mounted box

Box Size: 350mm x 300mm x75mm with flat panel door.

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Product code: 9230-0014

9230 8070 PBTMV Valve

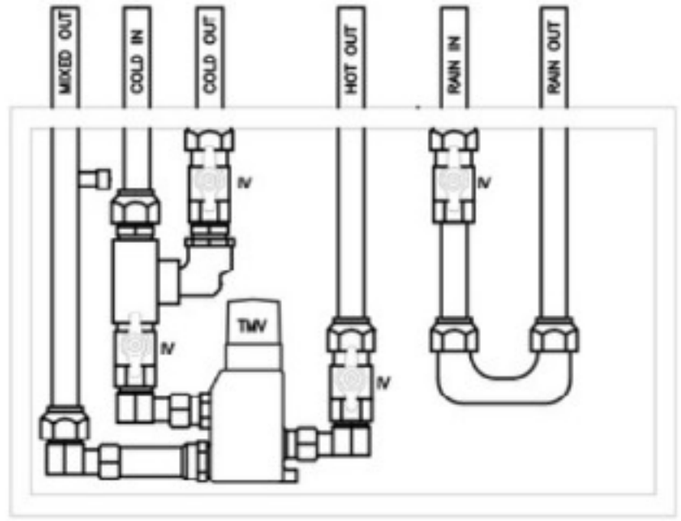
Special Plumbing Configuration: 9230-0014(W)

6 Pipe System including cold and hot water bypass and rainwater connection

SPCs are plumbed into various size boxes, please ensure to box size meets your requirements. All boxes are fitted with flat panel door 30mm later than box size.

Models:
- 9230-0015: recessed box
- 9230-0015W: wall mounted box

Box Size: 350mm x 300mm x75mm with flat panel door.



MATTSSON PRESSURE BALANCED
THERMOSTATIC MIXING VALVE- MODEL 9230-0014
NOT TO SCALE

PBTMV 9230/INT SS BOX.
6 PIPES ONE WAY COLD/RAIN WATER BYPASS.
400x300x75 SS BOX/DOOR FRAME 440x340x15

Product code: 9230-0015

9230 8070 PBTMV Valve

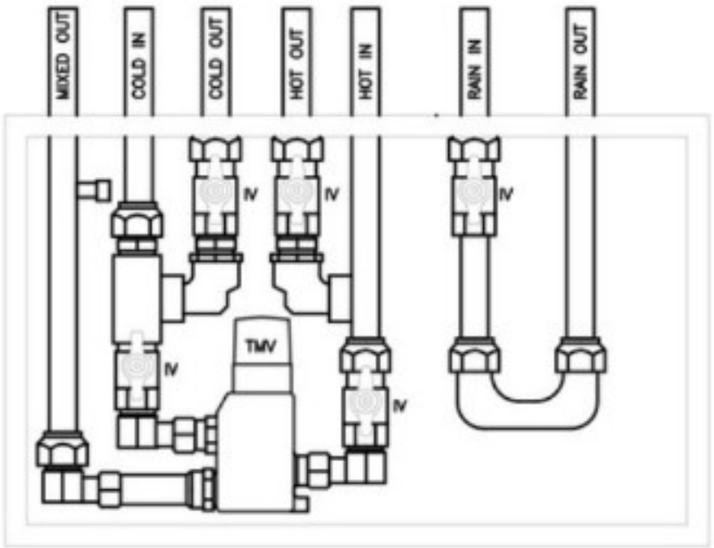
Special Plumbing Configuration: 9230-0015(W)

7 Pipe System including cold and hot water bypass and rain water connection

SPCs are plumbed into various size boxes, please ensure to box size meets your requirements. All boxes are fitted with flat panel door 30mm later than box size.

Models:
- 9230-0015: recessed box
- 9230-0015W: wall mounted box

Box Size: 350mm x 300mm x75mm with flat panel door.



MATTSSON PRESSURE BALANCED
THERMOSTATIC MIXING VALVE- MODEL 9230-0015
NOT TO SCALE

PBTMV 9230/INT SS BOX.
7 PIPES ONE WAY HOT/COLD/RAIN WATER BYPASS.
400x300x75 SS BOX/DOOR FRAME 440x340x15

Product code: 9230-ECCI

9230 8070 PBTMV Valve

Special Plumbing Configuration: 9230-ECCI(W)

4 Pipe System including electronic compartment

Models:
- 9230-ECCI: recessed box
- 9230-ECCI W: wall mounted box

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Product code: MAG TMV Water Temperature

TMV Water Temperature Monitoring System

Benefits

- Real-time monitoring and reporting of water temperature across all TMVs
- Instant alerts for out-of-temperature events, 24/7
- Integrates with BACnet® Building Automation Systems
- Live updates on display screens for efficient facility management
- Reduces maintenance costs, downtime, and improves response time
- Flexible, secure access for different user groups
- No mixing chamber needed – ideal with FM Mattsson TMVs
- Easy installation and use with a 12-month warranty

High Temperature Alarm

Real time temperature readings of the TMVs are logged once per minute (adjustable) within the system server which resides locally on site for full control and real-time access.

Professional, built in reports can be generated for all TMV'S monitored from a report wizard or saved in a library. The reporting system is flexible and delivers custom reports which can be emailed automatically to a schedule (e.g., daily, weekly, etc). Output options include PDF, CSV and web.

Data can be presented in enterprise, personal or system dashboards to meet your exact needs. Dashboards and object pages can also be optimized for viewing on your smartphone or tablet.

General Information

- Stable industrial RS485 Standard Communications
- IP65 rated at sensor and buffer end
- Intervals from 10 seconds to 1 day
- Readings in degrees C or F
- Save files to your directory/Back up HDD
- Unique ID number per point
- Provides both audible and visual alarms (i.e., sensor 'fail' status and 'out of range' status)
- Can also email critical alarms if required

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Product code: MAG TMV Water Temperature

TMV Water Temperature Monitoring System

Product Description

The MAG TMV Water Temperature Monitoring System tracks a building's water temperature from the TMV outlet, providing a comprehensive risk management tool. It continuously monitors and records temperatures via a calibrated sensor probe, detecting faults that require maintenance.

With real-time monitoring, performance updates, and alarms for any temperature deviations, the system ensures the safety and compliance of all TMVs throughout the facility. Our customised solution includes all wiring, electrical components, programming, and comes fully commissioned, ready to use.

The sensor probes are installed on the outlet pipework of the TMVs for continuous monitoring. The water outlet setpoint of the TMV is generally 43.5°C.

High Temperature Alarm

Will activate when the temperature rises above the high temperature set point of 48°C (adjustable). The alarm condition will return to normal upon the temperature falling below the high temperature setpoint.

High Temperature Alarm

Will activate when the temperature falls below the low temperature set point of 38°C (adjustable) for over 24 Hours (adjustable). The alarm condition will return to normal upon the temperature rising above the low temperature set point.

High Temperature Alarm

Will activate upon the system monitoring a pre-set high and low limit of each temperature probe. Any TMV outside of these parameters will generate a sensor faulty condition alarm. The alarm condition will return to normal upon the probe reading within the pre-set parameters.

TMV Water Temperature Monitoring System

FAQ

1. Does the system work with all TMV brands? Technically, yes. However, as the system is designed to monitor and record 'out of temperature' events, if generic TMVs are used, there may be more out of temperature alarm activation. This means the temperature monitoring system is working - yet it can also highlight less than ideal TMV performance.

2. How many TMVs do we need to have to make it a viable investment? We would recommend a minimum number of 50 TMVs would be required.

3. How does connectivity work? The monitoring sensors are connected to enteliBUS Manager (eBMGR), a fully programmable native BACnet® Building Controller. enteliBUS Manager supports multiple communications methods including, as standard, BACnet/IP, BACnet over Ethernet, BACnet MS/TP (Master Slave/Token Passing), and Delta LINKnet. BACnet is a data communication protocol for building automation and control networks. It is an ANSI and ISO standard and has been recognised by international standard.
BACnet is the predominant standard specified for BMS installations. The monitoring system can be accessed via the head end computer from any standard web browser accessing the Delta Web based supervisory controller and interface (relevant security access is required).
A. The system collects raw data (temperatures) from the calibrated sensor probe installed into the outlet pipework of the TMV.
B. Provides tools to analyse, compare and aggregate the data.
C. Logs data, alarms and events. Old data can be automatically archived and retrieved. Periodical backups ensure data is never lost.
D. Displays data and reports in real time - produces high quality reports, presents reports to outputs required.

4. How often are the temperatures logged? The temperatures are logged 365 days per year, 24/7. Real time temperature readings of the TMVs are logged once per minute (this is adjustable) – to intervals from 10 seconds to 1 day.

5. How is the data shown? The data can be shown in many ways. Multiple temperatures can be viewed on a single chart or graph. These charts/graphs can be emailed or printed directly from the system to provide automated reports.

6. Where does historical data sit? Historical data resides in a MySQL database within the server or saved over the cloud.

7. How does the alarm work? The system provides both audible and visual alarms (i.e., sensor 'fail' status and 'out of range' status). Further, it can also email critical alarms if required.

8. Are the sensor probes reliable and are they provided as part of the system? The sensor probes are provided with the system and are supplied recalibrated. The sensors have excellent long-term stability and working life. We have a 12-month warranty on the sensor life.

9. Is the technology supported throughout Australia? Yes, the technology is supported throughout Australia througha large network of service agents in every State.

10. What types of building is the system suited to? Health and aged care facilities; commercial buildings; airports; hotels; educational facilities including schools and gymnasiums; sports facilities; correctional and prison buildings.
11. Who would use this system?
• Facility/Building managers and maintenance staff – to monitor performance, meet compliance reporting needs, identify erroneous operation.
• Building owners – to improve ROI of building, add attractiveness to tenants, water usage.
• Finance managers – to monitor performance against budgets, ROI of improvements & upgrades.

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FM Mattsson Maintenance Requirements

Compulsory Requirements (every 5 year)

Replace sensor origin and wax element cartridge every 5 years.

Every 12 Months (before the 5 year period)

FM Mattsson Pressure Balanced Mixing Valves require regular intervals, minimum every 12 months.

1. Check the temperature and make sure that the correct temperature is obtained from the mixer.
2. Check the flow from the mixer is sufficient
3. Perform a fail safe text

These requirements is part of the Australian Standards.

Given that water conditions can vary by region, we recommend that the Management or Owner of the premises, with the help of their maintenance plumber, conduct a risk assessment and establish a tailored maintenance schedule for our TMVs.

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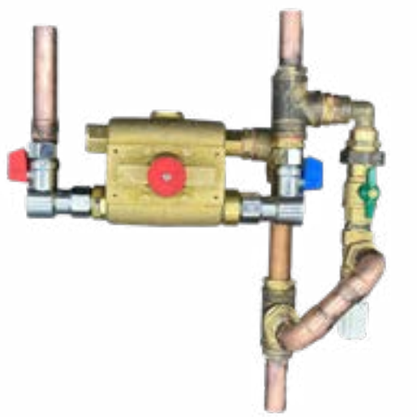
Product code: MAGTW5193



Tepid Water System for Emergency Shower and Eye Wash

Key Benefits

- Cold water bypass ensures continued cold water flow during hot water supply failure
- ANSI Z 358.1, AS 4775 Compliant, WaterMark-approved to AS 4032.1 standards
- Maximum flow rate 97.5 litres per minute at 500 kPa inlet pressure
- Ensures an uninterrupted flow of 75 litres per minute (at 300 kPa inlet pressure)
- Includes a FM Mattsson BTMV - Low Flow-High Flow (product code 5193-8070)
- Fixed temperature knob to prevent unauthorised interference
- Fail safe system prevents scalding in the event of cold watter supply failure

  Handles pressure differentials up to 13:1, without a pressure-reducing valves

Product Description

The MAGTW5193 Emergency Mixing Assembly is specifically engineered for workforce safety in emergency eyewash stations and showers, ensuring compliance with both AS 4775 – Emergency Eyewash and Shower Equipment, and ANSI Z 358.1 standards. In line with AS 4775 guidelines, the MAGTW5193 delivers water within a temperature range of 15.6°C to 37.8°C, with a minimum flow rate of 11.4 litres per minute.

When paired with a certified eyewash or eye/face wash system, the assembly provides a consistent warm water flow of 75 litres per minute (at 300 kPa), ensuring reliable operation during emergencies. In the event of hot water failure, the system's cold water bypass activates automatically, maintaining an uninterrupted water supply and preserving the full functionality of the emergency shower. This ensures continuous compliance with safety regulations.

At the heart of the assembly is the FM Mattsson Pressure Balanced Thermostatic Mixing Valve (PBTMV 5193-8070). This valve features a unique pressure balanced piston design that guarantees stable and safe water temperatures, even when there are fluctuations in pipework pressure. (No pressure reducing valves required)

The valve allows for water temperature adjustment between 20°C and 50°C. However, it is essential for the specifier to select the correct water temperature for each specific safety fixture, particularly in environments where water temperature could influence chemical reactions.

The MAGTW5193 is WaterMark-approved to AS 4032.1 standards, ensuring high quality and reliability in safety-critical application

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Product code: MAGTW5193

Tepid Water System for Emergency Stations

Pre Plumbed Options Available

Height	450mm
Width	450mm
Depth	180mm
Inlet	25mm Copper
Outlet	25mm Copper

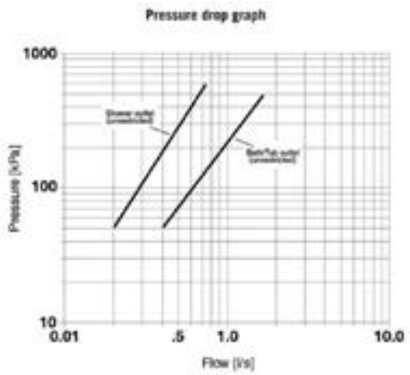
Technical Information

Mixed Outlet Temperature Range	20-50 °C
Cold Inlet Size	DN25
Hot Inlet Size	DN25
Mixed Outlet Size	DN25
Dynamic Inlet Pressure Range for Flow Compliance to AS4775 *(To maintain a minimum of 210 kPa at the fixture)*	425 kPa - 600 kPa
Dynamic Inlet Pressure Range for Flow Compliance to AS4775 (To maintain a minimum of 75.6 lpm at the fixture)	300 kpA - 600 kPa
Maximum Static Inlet Pressure	1400 kPa
Maximum Flow Rate	96.5 lpm @500 kPa Pressure Loss
Bypass Flow Rate (in case of hot water supply failure)	30 lpm (minimum)
Hot inlet Temperatue Range	55-85 °C
Cold Inlet Temperature Range	5 - 20 °C

Note that the assembly requires at least 50kPa pressure loss for maximum flo,w and 20kPa extra for the differential bypass relief valve operation.

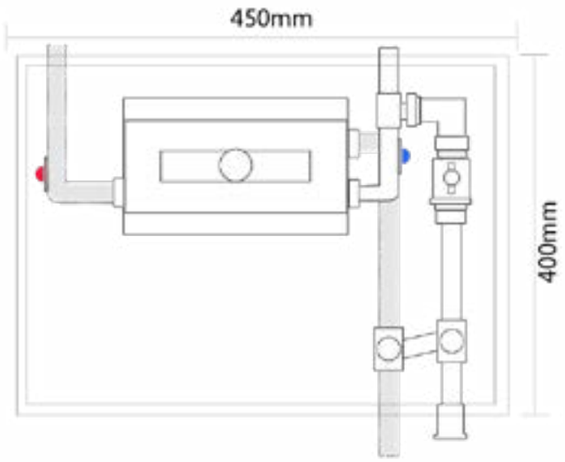
Sufficient pressure is also required to provide a minimum of 210kPa after the assembly to the emergency fixtures to comply with AS4775.

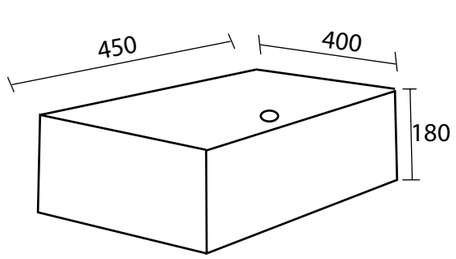
Product code: MAGTW5193



Pressure Drop Flow Chart

Pressure (kPa)	25mm Outlet Flow (l/min)
100	36
200	
300	75
400	
500	97.5
600	





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