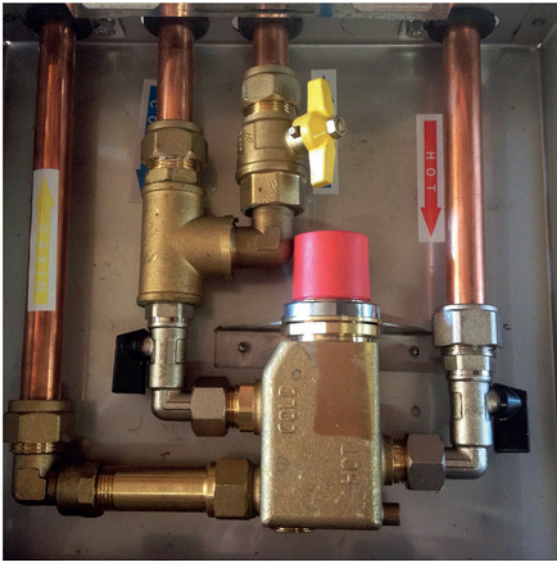


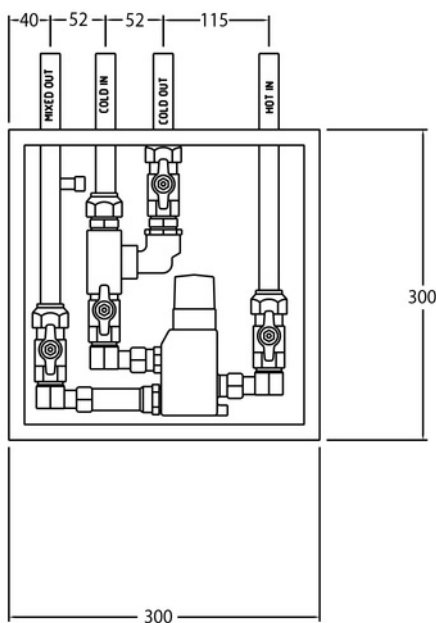
# 9230 Pre-plumbed Pressure Balanced Thermostatic Mixing Valve#

(300 x 300 x 75mm Stainless Steel Box)

**FM Mattsson**  
- Different on the inside



9230 Pre-plumbed PBT Mixing Valve



Flow Table

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

## 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.

## BENEFITS

- Uses 9230 PB Thermostatic Mixer (with fixed temperature knob).
- The box has been purposely designed with pilot holes for easy fixing to stud work and 150mm extended pipes for joining to existing pipework.
- Branch in cold water inlet pipe with 20mm ball valve for continuous supply of cold water whilst mixer is being serviced.
- Lockable lid is keyed alike.
- Operates from Min 50kPa to Max 1000kPa.
- Recommended working pressure 100kPa to 500kPa.
- Valves made in Sweden.
- Pre-plumbed stainless steel boxes for concealed or exposed installation are Australian made.

## COLOURS

Box - Stainless steel

Valve - Raw brass

Temperature knob - Red

See Next Pages for plumbing configurations and Product Codes in our stainless steel boxes.

# Bath/Shower/Basin/Multi-Point Application



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# MAG Pre-Plumbed Standard Box, Stainless Steel With Flat Panel Door

**FM Mattsson**  
- Different on the inside

Stainless Steel Box Size: 300mm X 300mm X 75mm  
Panel Door on Recessed Box: 330mm X 330mm X 1.5mm  
4 pipes has **Cold Water Bypass**



WaterMark

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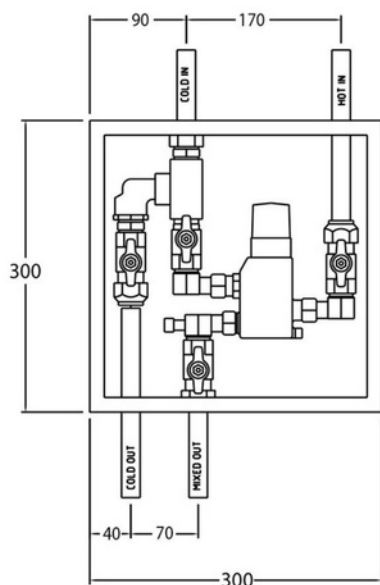
Front Panel



Back Panel

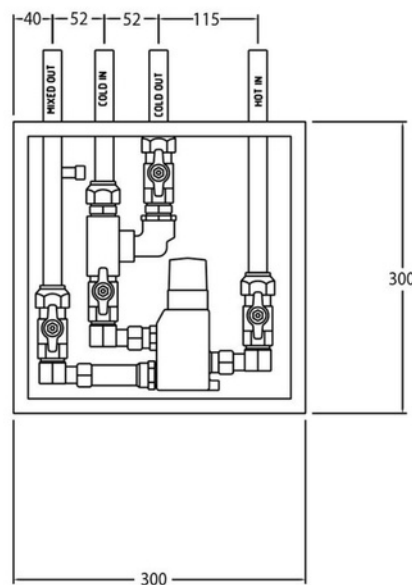


## 4 Pipes Two Ways - with Cold Water Bypass



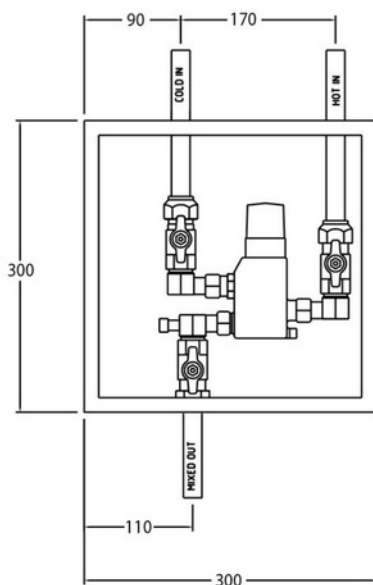
9230-0002 Concealed (recessed) box  
9230-0004 Exposed (wall mounted) box

## 4 Pipes One Way - with Cold Water Bypass



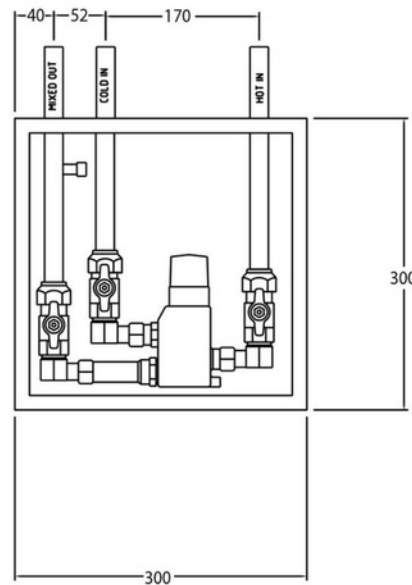
9230-0001 Concealed (recessed) box  
9230-0003 Exposed (wall mounted) box

## 3 Pipes Two Ways

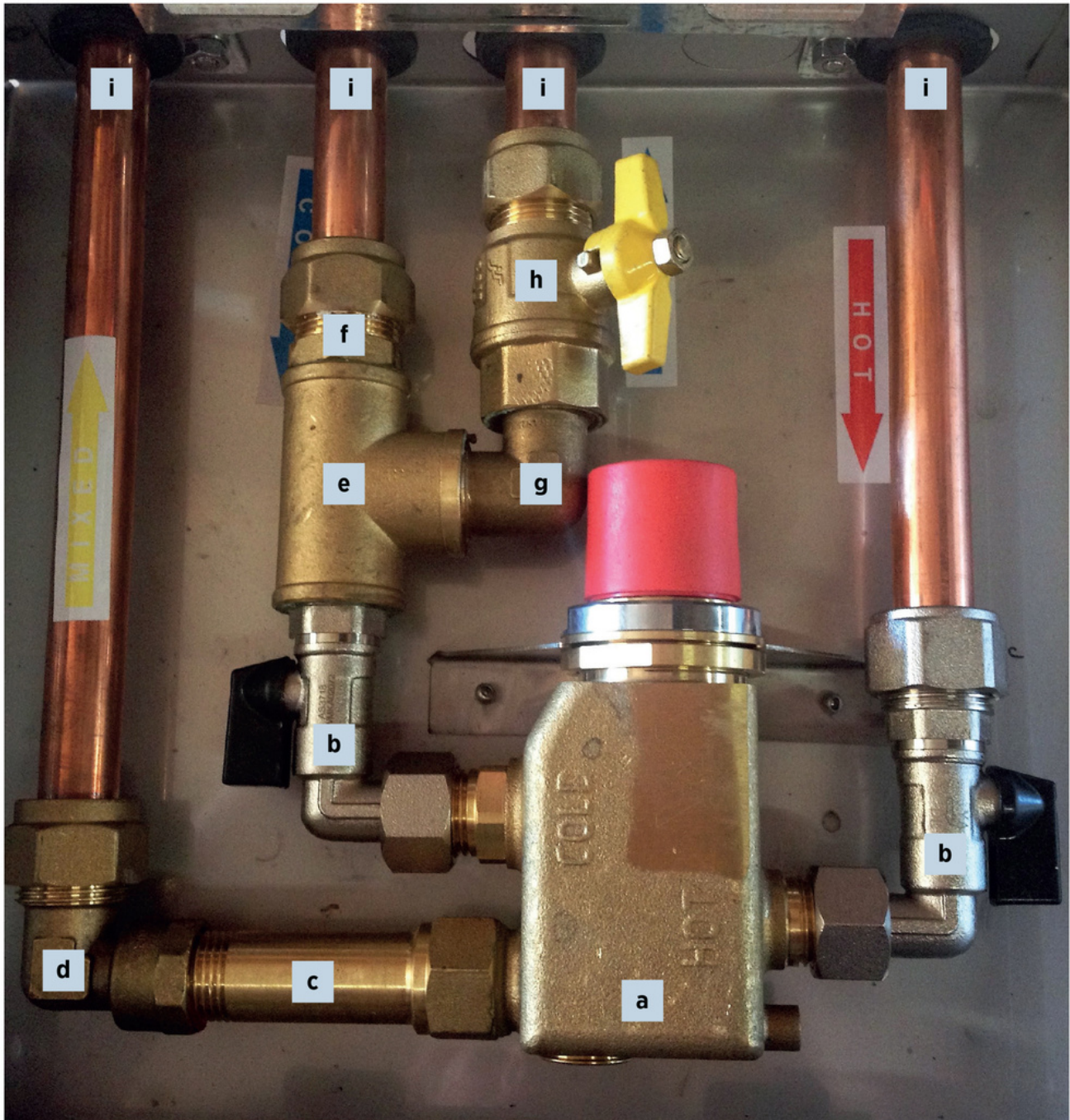


9230-0006 Concealed (recessed) box  
9230-0008 Exposed (wall mounted) box

## 3 Pipes One Way



9230-0005 Concealed (recessed) box  
9230-0007 Exposed (wall mounted) box



## COMPONENT

- a TMV x 1
- b Chrome Ball Valve x 2
- c M/F Brass Extension x 1
- d Elbow x 1
- e Tee Piece x 1
- f Male Union x 1
- g M/M Elbow x 1
- h Ball Valve x 1
- i Copper Pipe x 4

## WATERMARK LICENCE NO.

- Lic 1186
- Lic 02072
- Lic 2387
- Lic 2387
- Lic 2387
- Lic 2387
- Lic 2387
- Lic 21813
- Lic 25726



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## MAG MATTSSON MARK II OPTIONAL BOX (MADE TO ORDER)

Mattsson Mark II Box with Door and Frame type finish (DF)

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

- 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



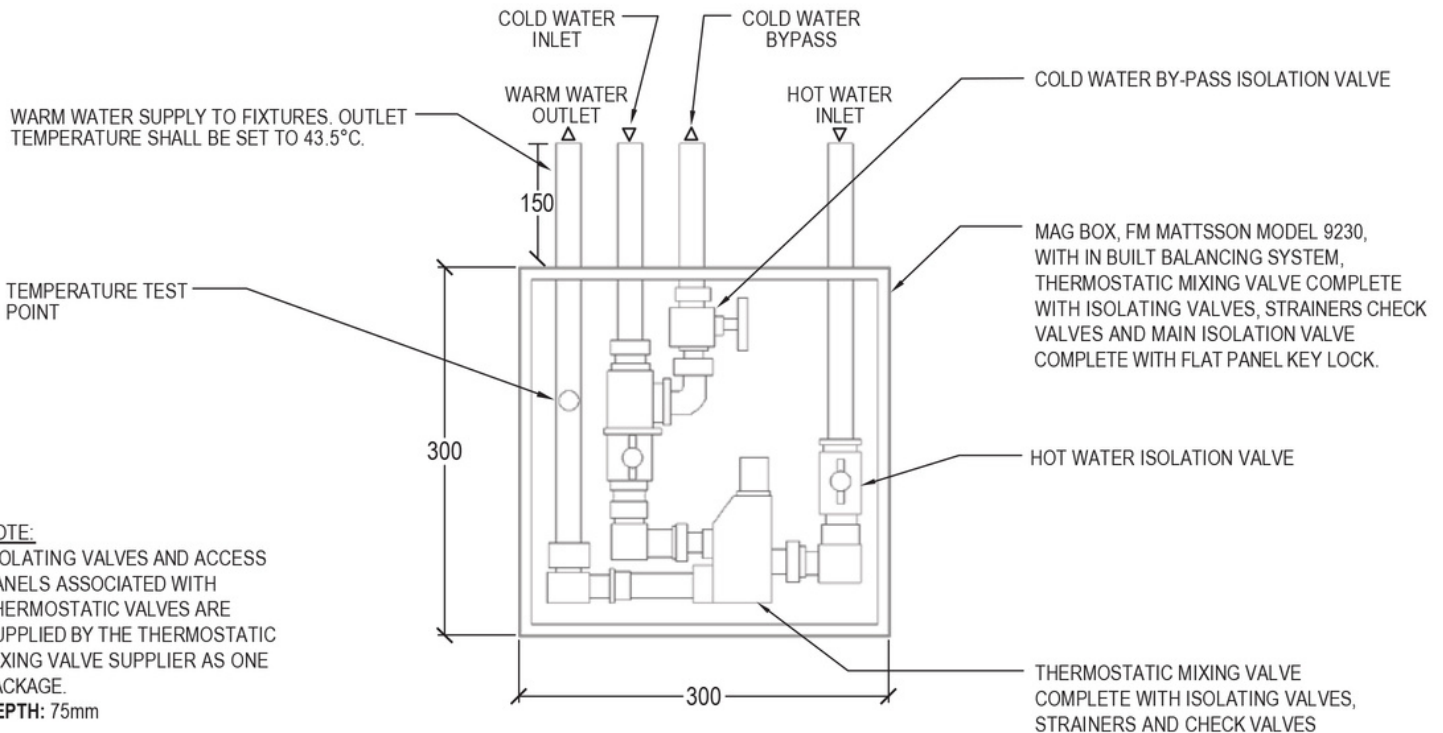
TMV Box Only

MAG-01 - Stainless Steel TMV box only, with flat panel door

Box size - 300mm x 300mm x 75mm - Panel door recessed box 335mm x 335mm x 1.5mm

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

Box size - 300mm x 300mm x 75mm - Door and frame on recessed box 335mm x 335mm x 1.5mm



**NOTE:**  
ISOLATING VALVES AND ACCESS PANELS ASSOCIATED WITH THERMOSTATIC VALVES ARE SUPPLIED BY THE THERMOSTATIC MIXING VALVE SUPPLIER AS ONE PACKAGE.  
**DEPTH:** 75mm

### MAG MATTSSON

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



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## SPECIAL PLUMBING CONFIGURATIONS (SPCS)

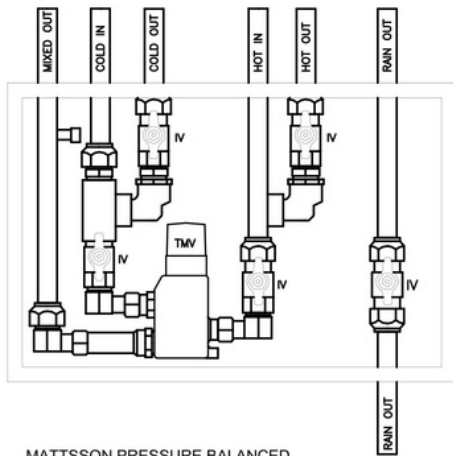
SPCs are plumbed into various size boxes, please ensure the box size meets your requirements.

All boxes are fitted with flat panel door 30mm larger than box size.

9230-0012 - 7 pipe system two way **includes cold and hot water bypass** (recessed box)

9230-0012W - 7 pipe system two way **includes cold and hot water bypass** (wall mounted box)

Box size - 350mm x 300mm x 75mm 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

9230-ECCI - 4 pipe system one way **includes electronic component compartment** (recessed box)

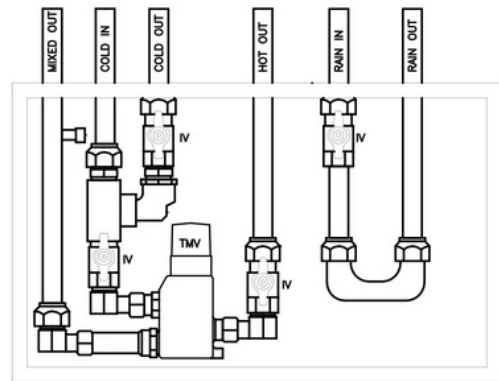
9230-ECCI W - 4 pipe system one way **includes electronic component compartment** (wall mounted box)

Box size - 450mm x 350mm x 75mm with flat panel door

9230-0014 - 6 pipe system one way **includes cold water bypass and rainwater connection** (recessed box)

9230-0014W - 6 pipe system one way **includes cold water bypass and rainwater connection** (wall mounted box)

Box size - 400mm x 300mm x 75mm with flat panel door



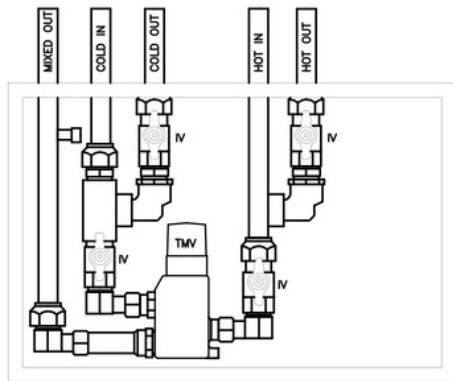
MATTSSON PRESSURE BALANCED THERMOSTATIC MIXING VALVE- MODEL 9230-0014 NOT TO SCALE

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

9230-0013 - 5 pipe system one way **includes cold and hot water bypass** (recessed box)

9230-0013W - 5 pipe system one way **includes cold and hot water bypass** (wall mounted box)

Box size - 350mm x 300mm x 75mm with flat panel door



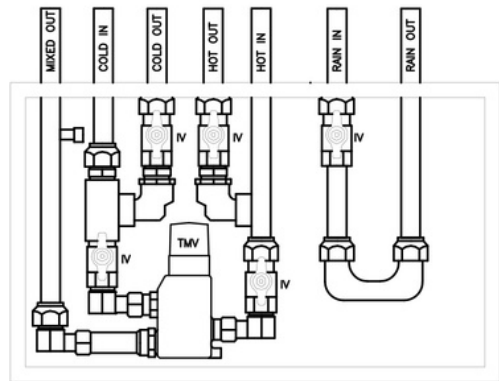
MATTSSON PRESSURE BALANCED THERMOSTATIC MIXING VALVE- MODEL 9230-0013 NOT TO SCALE

PBTMV 9230/INT SS BOX. 5 PIPES ONE WAY HOT AND COLD BYPASS. 400x300x75 SS BOX/DOOR FRAME 440x340x15

9230-0015 - 7 pipe system one way **includes cold and hot water bypass and rainwater connection** (recessed box)

9230-0015W - 7 pipe system one way **includes cold and hot water bypass and rainwater connection** (wall mounted box)

Box size - 400mm x 300mm x 75mm 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



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