

# METHVEN

Brooklands Mill  
English Street  
Lancashire  
WN73EH

# METHVEN

**COOL TOUCH WITH EASY FIX**  
THERMOSTATIC BAR VALVE  
Installation and Maintenance Guide



Please retain this document  
for future reference.

This product should be fitted  
in compliance with Water  
Regulations, by a qualified  
plumber.

Use only a clean damp cloth  
to maintain the surface finish,  
use of abrasive cleaning  
materials will invalidate your  
guarantee.

Customer Care Line  
0800 1951602

Website  
[www.methven.com](http://www.methven.com)

### OPERATING SPECIFICATION

#### Pressure

Minimum working pressure - 0.3 bar

Recommended working pressure 0.5 - 3 bar

Maximum working pressure - 5 bar

(Pressure above 5 bar must be reduced via a pressure reducer)

In order to assure maximum efficiency of the mixer, the operating pressures should be balanced.

#### Water temperature

Inlet hot water supply

Maximum 85c

Recommended 65c

Inlet cold water supply

10c - 25c

#### **IMPORTANT**

**A minimum 10c difference between outlet temperature and hot supply temperature must be maintained at all times**

#### Guarantee

Your product comes with a 5 year guarantee, this includes 2 years parts and labour followed by a further 3 years parts only, subject to the following:

Proof of purchase will be required.

The guarantee does not cover faults or damage caused by incorrect installation and/or maintenance, ordinary wear and tear, water composition etc, including:

Supply pipes reversed

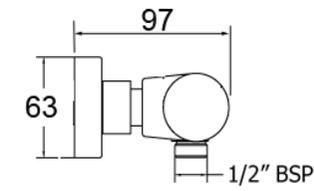
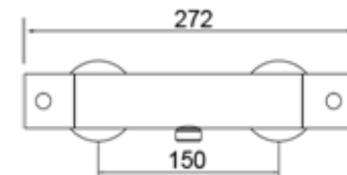
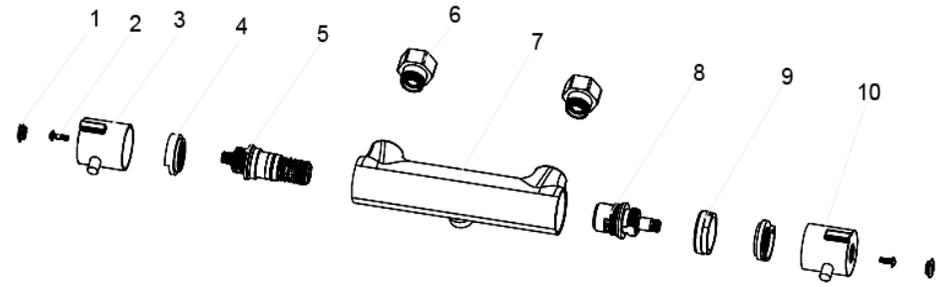
Incorrect pressure or temperature

Incorrect use

Foreign bodies and/or scale due to the water composition.

Incorrect cleaning

Cleaning should be carried out using a clean damp cloth, use of abrasive agents or materials on the product, will invalidate your guarantee.



## Maintenance

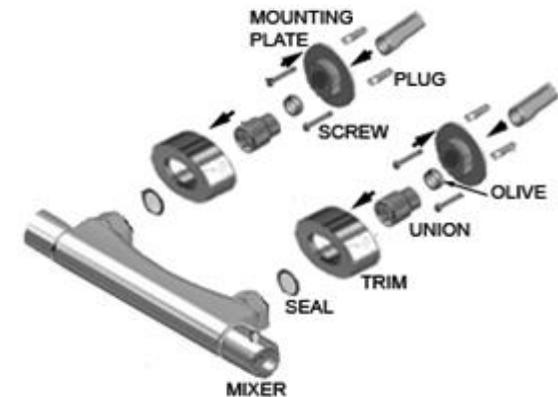
To replace the thermostatic cartridge:  
 Turn off water supply  
 Remove the handle cap, followed by the screw  
 Inside the handle, remove the screw  
 Pull handle from mixer  
 Take note of the stop ring position for re-assembly after maintenance  
 Remove the cartridge from the mixer body.  
 Clean or replace the cartridge as necessary, then replace, ensuring components are located correctly to give correct maximum set temperature.  
 If re-calibration is required follow instruction in "operation and setting"  
 Once water supply is turned on check for leaks.



## Installation

(See diagram)

Prepare the supply pipes at 150mm centres, allowing approx 22mm of pipe to be exposed from the finished wall.  
 The pipework must be flushed prior to installation.  
 After flushing the pipework, install the mixer as a standard exposed fitting, with the outlet facing downwards.  
 The hot supply pipe must be connected to the hot inlet of the mixer, indicated by the red dot.  
 Place the mounting plate over the pipe end and mark drill holes, ensuring no pipes or wires are affected.  
 Once holes are marked remove and drill holes, then fit wall plugs,  
 Next place the mounting plate over pipe end and locate over drill holes, secure using screws provided.  
 Place olive over pipe end and then fit threaded union, tighten using a two spanners one on the flats of the union the other on the flat of the mounting plate.  
 Tighten until fully secured, to create a compression fitting seal.  
 Once secured, screw the trim onto the threaded union and screw up to finished wall (if required sealant can be used)  
 Place seals into mixer inlets and connect mixer to union and secure using a spanner (take care not to damage product finish)  
 Once all connections have been made  
 turn on water supply to check for leaks, ensuring the valve is in the OFF position



## OPERATION & SETTING

To control the temperature of the shower, turn the left handle for more hot or cold water, in the direction indicated by the marking.

To control the flow of water turn the handle to regulate the flow of water from the shower in the direction shown on the mixer.

The product also has override buttons, the flow control allows for reduced flow, to activate full flow, press the button and continue to turn the handle

The temperature control allows for a temperature stop position this can be exceeded by pressing the button and continuing to turn the handle

If on installation the temperature is not to your requirement, this can be re-calibrated.

Turn temperature handle to fully hot.

Remove the handle cap, followed by the screw

Pull handle from valve.

Turn the spindle on the thermostat until the desired temperature is reached.

(Always maintain the 10C difference between supply and mixed)

Once the temperature is reached, replace the handle so that the stop is in the maximum position, replace screw and handle cap.

Re-calibration should only be carried out when absolutely necessary



## Maintenance

To replace the flow control valve:

Turn off water supply

Remove handle by forcing off handle cap

Inside the handle, remove the screw

Pull handle from valve.

Take note of stop ring positioning for re-fit

Pull off stop ring.

Remove valve from mixer, using a spanner unscrew the nut then unscrew the valve, taking care not to damage the pipe work

Clean or replace valve as necessary.

Replace all components, turn on water supply and check for leaks.

