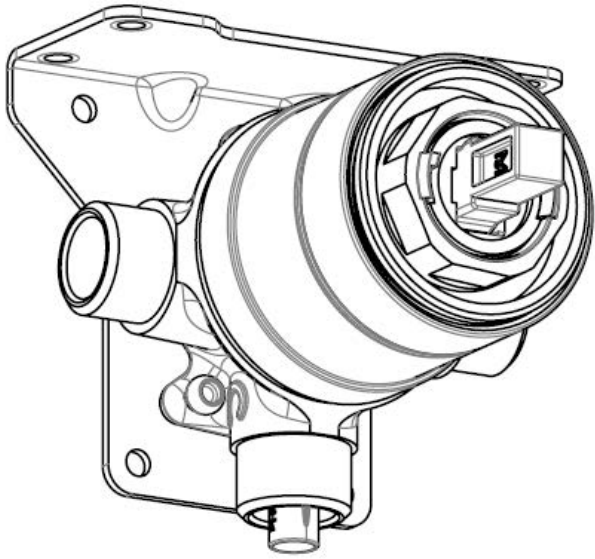




**Technical Specifications:**

**Operating Pressure:**  
Unequal Pressure:  
Hot: Min 17kPa  
Cold: Min 30kPa  
Equal Pressure:  
Min 35kPa  
If supply exceeds 500kPa a pressure limiting valve must be installed.

**Operating Temperature:**  
Hot: Min 50°C (at mixer), Max 70°C  
Cold: Min 5°C  
AS/NZS 3500 requires all hot water supplies to any sanitary fitting to be tempered to 50°C.

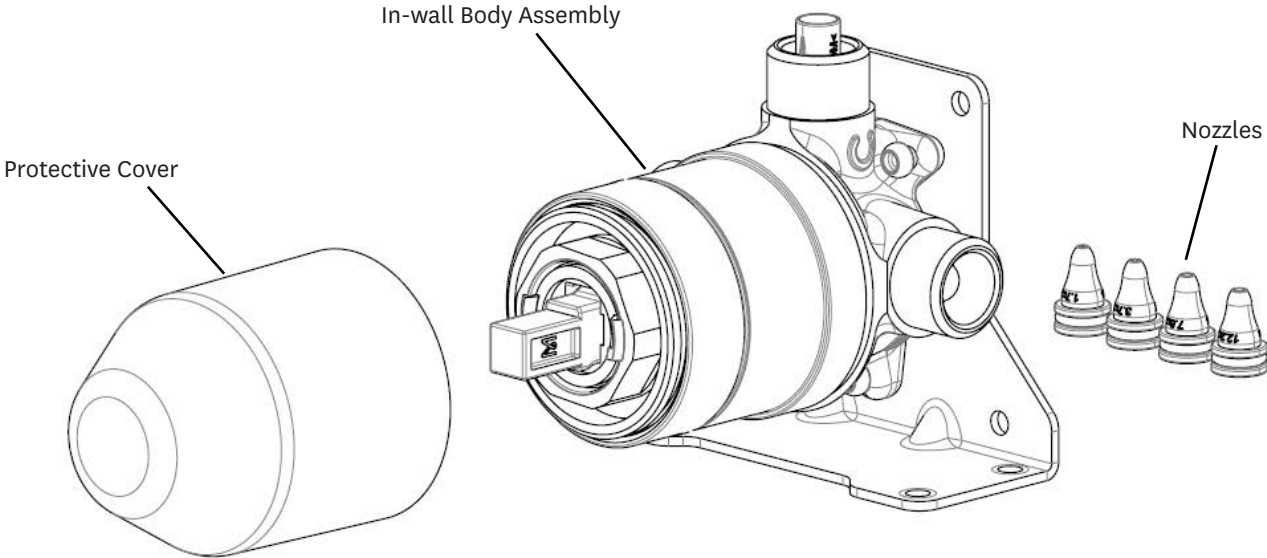
**Inlet Connections:**  
All ½" BSP  
\* Regional specific regulations apply.

## UNIVERSAL IN-WALL BODY SHOWER MIXER WITH FASTFLOW II Installation Guide

**IMPORTANT:** Please read all of the instructions before installation.

### General:

- Methven recommends this product is installed by a licensed plumber in compliance with all relevant regional regulations.
- All pipe work must be thoroughly flushed prior to the installation of the mixer.
- In-line filters must be fitted on both hot and cold supplies to prevent foreign particles damaging the ceramic cartridge.
- After installation all connections must be checked for leaks.
- All outlets used primarily for personal hygiene shall deliver water at a safe temperature as per regional regulations.
- This mixer is not recommended for use in uncontrolled heating systems such as wet-backs or solar heating units unless a suitable tempering valve is fitted.
- It is the responsibility of the installer to ensure a waterproof seal is achieved between the product and wall substrate using a natural cure silicone sealant.



### Cartridge replacement:

- Remove the handle and the dome cover.
- Unscrew locknut and extract old cartridge.
- Remove the plastic clip-lock from the neck of the cartridge using a small screwdriver to pry out (figure 3).
- Squeeze the two opposing locknut clips and slide locknut off cartridge (figure 4).
- Fit the recommended nozzle into the new cartridge (as per the table under 'Jet Selection').
- Refit locknut onto new cartridge.
- Refit plastic clip-lock.
- Insert new cartridge/locknut assembly into body and torque locknut to 12Nm.

**Care and Cleaning:**  
Never use abrasives or abrasive cleaning agents to clean this product. Clean regularly with contamination free warm soapy water and a damp soft cloth.

JET SELECTION:

Equal Pressure Systems

Fit mixer as supplied.

Unequal Pressure Systems

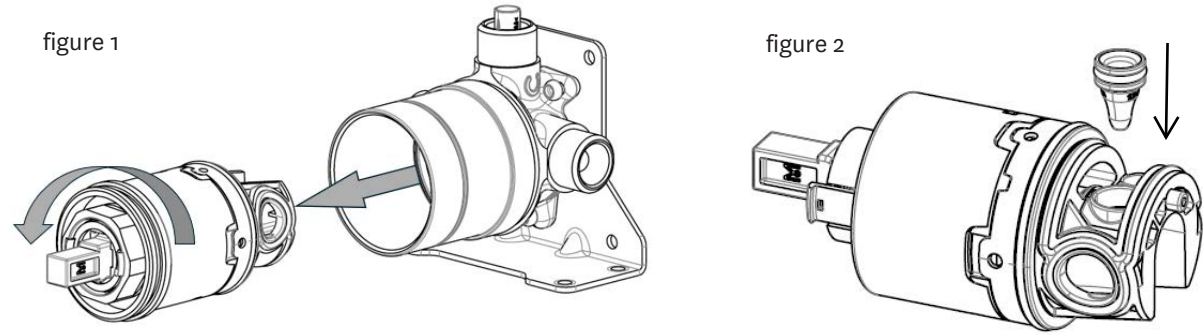
If the system is supplied by a pressure pump, ensure that the pump can maintain 300kPa at the cold Inlet. If not, install a low pressure cold feed and install the mixer as if for a low pressure equal system.

Use the following table to determine the nozzle to be used.

| Hot Pressure | Primary Nozzle |
|--------------|----------------|
| 17-25 kPa    | Black          |
| 25-50 kPa    | Green          |
| 50-90 kPa    | Yellow         |
| 90-130 kPa   | Red            |

Fitment of the primary nozzle into the mixer body

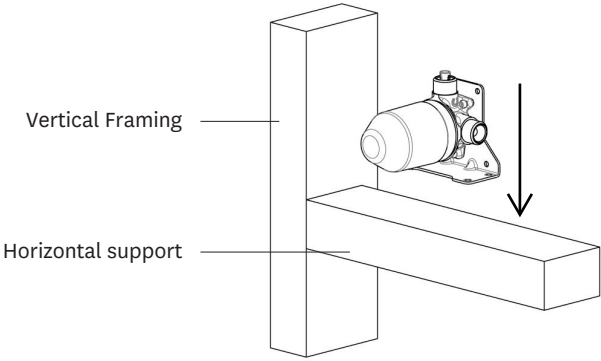
- Remove the handle and dome cover, then unscrew the lock nut.
- Unscrewing the locknut will automatically extract the cartridge from the mixer body (figure 1).
- Fit the recommended nozzle (as per table) into the cartridge as shown (figure 2).
- Refit the cartridge, ensuring that the 2 outer seals are in place. Torque the locknut to 12 Nm. Refit the dome cover and the handle.



**IMPORTANT:** Before you begin, turn off the water supply.

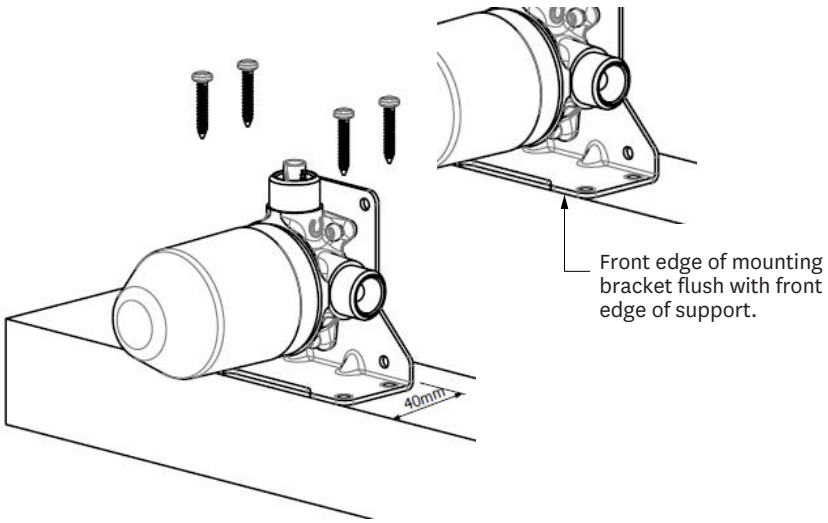
Step 1

- Refer to section above for correct nozzle selection.
- Install a horizontal support at the required height for correct positioning of the mixer. Ensure front of horizontal support is in line with front of the framing.



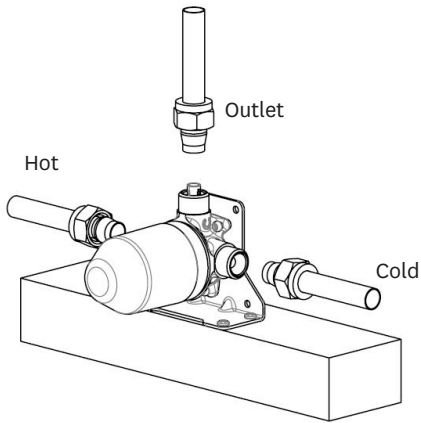
Step 2

- Protective cover must remain on mixer barrel throughout installation.
- Position mixer body on horizontal support with the front edge of the mounting bracket flush with front of the horizontal support.
- Secure mixer body to the horizontal support with four suitable screws, ensuring it is oriented square.
- Alternatively, the mixer can be mounted to support timber behind the mixer maintaining the same placement as above.



Step 3

- Flush all pipe-work thoroughly prior to the next step.
- Connect hot and cold supplies and outlet to mixer body ensuring a good seal at each joint.
- Leak test installation prior to closing wall cavity.
- The seal integrity of pipe joints is the responsibility of the installing plumber.



Step 4

- Wall lining hole should be cut or finished as per the dimension shown in the diagram on the right.
- Protective cover must remain on mixer.
- Apply sealant between exposed diameter of body and wall substrate ensuring to keep sealant clear of protective cover.
- Apply waterproof membrane to substrate wall, sealing onto the exposed diameter of the body.
- Install finished wall lining allowing a mixer clearance hole as per diagram.

