



Dimension here is for reference only

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## **GENERAL INTRODUCTION**

Please read these instructions thoroughly and retain for future use.

The plumbing installation of this shower must comply with the requirements of UK

Water Regulations/Bylaws (Scotland), Building Regulations or any other regulations specified by the local Water Authority and supplier.

We strongly recommend that you use a plumber registered with or a member of an Association:

Institute of Plumbing (IOP) - throughout the UK

National Association of Plumbing, Heating and Mechanical Services Contractors

(NAPH & MSC) - England & Wales

Water Industry Approved Plumber Scheme (WIAPS)

## **SAFETY WARNINGS**

Layout and sizing of pipework must be such that when other services are used, pressures at the shower control inlets do not fall below the recommended minimum.

**DO NOT** choose a position where the shower could become frozen.

**DO NOT** connect this mixer valve to any form of tap or fitting not recommended by the manufacturer.

The shower handset must be regularly cleaned to remove scale and debris.

Conveniently situated service valves in each inlet supply must be fitted as an independent method of isolating the shower should maintenance or servicing be necessary, these valves should not restrict the flow.

**DO NOT** operate the shower outside the guidelines as laid out in 'site Requirements'.

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## **SITE REQUIREMENTS**

The installation must be in accordance with Water Regulations Advisory Service ([www.wras.co.uk](http://www.wras.co.uk)).

Water pressure requirements

Minimum running water pressure: 0.1 bar, but will operate better at a minimum of 0.5 bar.

Maximum running water pressure: 5 bar. Maximum static water pressure: 10 bar.

Water minimum flow rate

For your shower to perform well you should ensure that the pressure is as specified and a minimum flow of 5 liters per minute is available at both hot and cold inlets.

## **WATER TEMPERATURE REQUIREMENTS**

Maximum hot water temperature = 80°C, Recommended maximum = 65°C.

Minimum hot water temperature = 55°C, Maximum cold water temperature = 20°C.

BS 6700 recommends that the temperature of stored water should never exceed 65°C.

## **TEMPERATURE ADJUSTMENT RANGE**

This product needs to be pre-mixed

# Installations:

## -Turn off water supply before installation.

1. Select the Diverter Valve at the position about 0.9 to 1.0 meters height from the ground. Get the pre-mixed water ready to connect to the G1/2" Tail of the Diverter valve. Drill a hole for the Diverter connections (check the electrical wires or pipes before drilling the hole).
2. Flush the pipes lest the debris or remains block the valve or the Shower head/Handset. Then, Pre-assembly the Rail.
3. Measure the distance between the Diverter to the Wall-bracket, and mark the hole positions for the wall-plug. please line up the rail, make sure rail is vertical to the ground. Then, drill the wall-plug holes and push the wall-plug into the hole.
4. Screw the Fixing plate on the wall.
5. Connect the water supplies (pre-mixed) to the Diverter, and connect the Rail to the wall bracket (screw the Grub to tighten it). Screw the Rail bottom on the Diverter, please make sure the O-Ring is on.
6. Check all the connections, and make sure all are secured. Then connect the shower head to the rail (make sure the O Ring is on).
7. Connect the Shower hose to both ends of the Diverter and the Handset (note the washers be on both ends of the hose).
8. Final check all connections again, make sure everything is fine. Then
9. Turn on the water supplies and check leakings.
10. Installations completed if no leaks.

Pre-mixed water connecting to the Diverter valve through the wall

