

COMMISSIONING

Maximum Temperature Setting

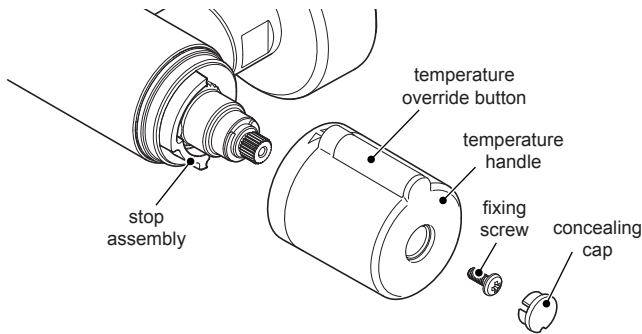
Follow this procedure to check and adjust the temperature before using the shower for the first time. **Make sure that all users are familiar with the operation of the shower. This guide is the property of the homeowner.**

The shower's safe hot temperature has been preset to 39°C, but may require adjustment for the following reasons:

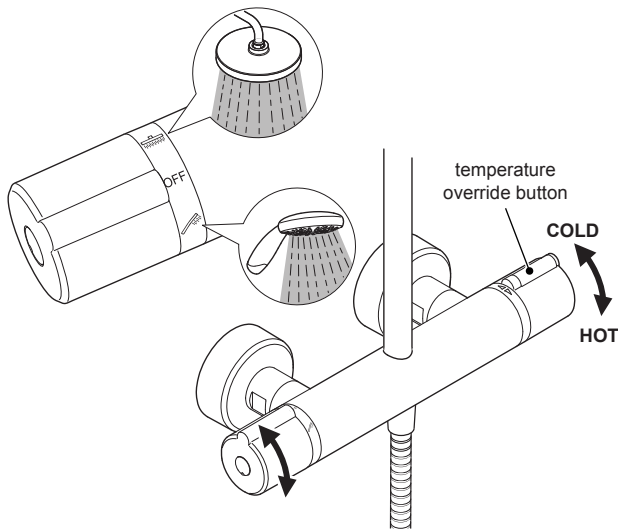
- To reset to a comfortable temperature (may be required to suit your home's plumbing system).
- To suit your showering preference.

The following procedure requires a constant supply of hot water at a minimum temperature of 55°C.

1. Turn the shower **ON** to full flow.
2. Turn to full hot ***WITHOUT*** pressing the override button. Allow the temperature and flow to stabilise. This represents a safe hot temperature to shower with.
3. Press and hold the override button and turn the handle further until it stops. Allow the temperature and flow to stabilise. This is the maximum hot temperature.
4. Turn the temperature handle back to the override position.
5. To set the temperature either warmer or cooler, keep the handle at the override position and remove the concealing cap and the fixing screw.
6. Carefully remove the temperature handle without moving the stop assembly.
7. Refit the handle so that the lever is in approximately the 1 O'clock position.
8. Turn the handle to adjust either warmer or cooler. Wait for the temperature to stabilise between each adjustment and test the showering temperature is comfortable. Continue to adjust the temperature until you have a safe and comfortable shower for the override position.
9. Refit the handle to the 12 O'clock position. Refit the fixing screw and the concealing cap. Check the operation of the override button.



OPERATION



Adjusting the Flow

Use the flow handle to turn the shower on/off and select either the overhead or the showerhead.

Adjusting the Temperature

Use the temperature handle to make the shower warmer or cooler. For safety reasons, the temperature is limited by an override stop. To obtain a higher temperature, press and hold the override button and continue to turn.

USER MAINTENANCE

WARNING! PLEASE OBSERVE THE FOLLOWING TO REDUCE THE RISK OF INJURY OR PRODUCT DAMAGE:

1. **DO NOT** allow children to clean or perform any user maintenance to the shower unit without supervision.
2. If the shower is not to be used for a long period, the water supply to the shower unit should be isolated. If the shower unit or pipework is at risk of freezing during this period, a qualified, competent person should drain them of water.

Cleaning

Many household cleaners contain abrasives and chemical substances, and should not be used for cleaning plated or plastic fittings. These finishes should be cleaned with a mild washing up detergent or soap solution, and then wiped dry using a soft cloth.

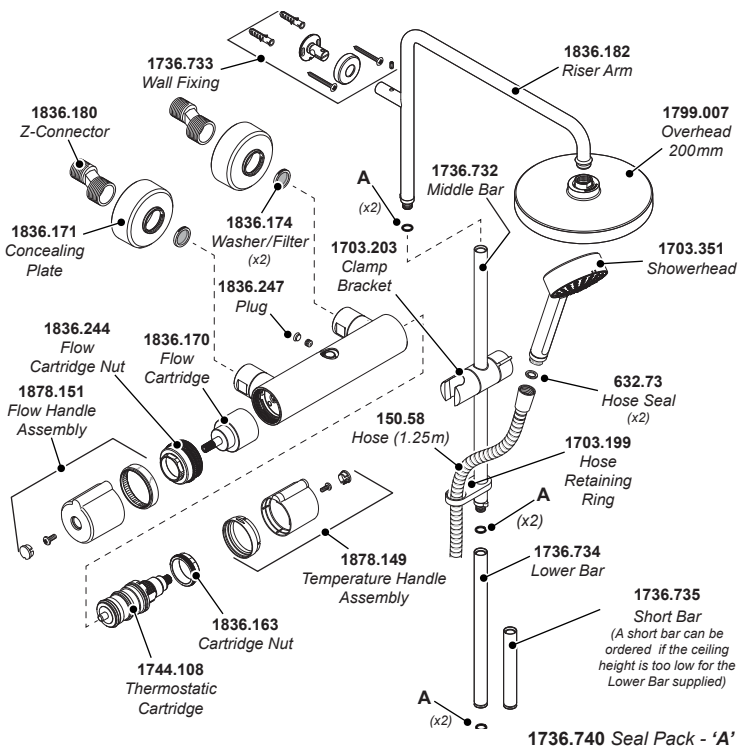
Important! The showerhead must be descaled regularly, keeping the showerhead clean and free from limescale will ensure that your shower continues to give the best performance. Limescale build up can restrict the flow rate and may cause damage to your shower.

FAULT DIAGNOSIS

If you require a Mira trained service engineer or agent, refer to **‘Customer Service’**.

Symptom	Cause/Rectification
Water too hot or too cold	Inlets reversed (hot supply to cold inlet of shower unit), rework inlet pipework. Check the washer/filters are not blocked. Check the maximum temperature setting (If you have a combination type boiler it may not be producing sufficient hot water at the desired flow rate). Fit a flow regulator to the outlet of the shower unit. Installation conditions outside operating parameters, refer to ‘Specifications’ and ‘Commissioning’ .
Poor temperature control	Make sure that the inlet temperature differentials are sufficient, refer to ‘Specifications’ .
Fluctuating or reduced flow	Check the showerhead and hose are not blocked. Check the washer/filters are not blocked. Make sure that the maintained inlet pressures are nominally balanced and sufficient, refer to ‘Specifications’ . Air lock or partial blockage in the pipework.
Water leaking from the showerhead	Water may drain from the showerhead for a short period after showering, this is normal. Check the water pressures are not too high for the product, refer to ‘Specifications’ .

SPARE PARTS



CUSTOMER SERVICE

Guarantee

Your product has the benefit of our manufacture's guarantee which starts from date of purchase. This guarantee only applies in the United Kingdom and Republic of Ireland. To activate this guarantee, please return your completed registration card, visit our website or free phone 0800 5978551 within 30 days of purchase (UK only).

Within the guarantee period we will resolve defects in materials or workmanship, free of charge, by repairing or replacing parts or product as we may choose.

This guarantee is in addition to your statutory rights and is subject to the following conditions:

- The guarantee applies solely to the original installation under normal use and to the original purchaser only. The product must be installed and maintained in accordance with the instructions given in this guide.
- Servicing must only be undertaken by us or our appointed representative. **Note!** If a service visit is required the product must be fully installed and connected to services.
- Repair under this guarantee does not extend the original expiry date. The guarantee on any replacement parts or product ends at the original expiry date.
- For shower fittings or consumable items we reserve the right to supply replacement parts only.

The guarantee does not cover:

- Call out charges for non product faults (such as damage or performance issues arising from incorrect installation, improper use, inappropriate cleaning, lack of maintenance, build up of limescale, frost damage, chemical attack, corrosion, system debris or blocked filters) or where no fault has been found with the product.
- Water or electrical supply, waste and isolation issues.
- Compensation for loss of use of the product or consequential or indirect loss of any kind.
- Damage or defects caused if the product is repaired or modified by persons not authorised by us or our appointed representative.
- Routine maintenance or replacement parts to comply with the requirements of the TMV2 or TMV3 healthcare schemes
- Accidental or wilful damage.
- Products purchased ex-showroom display.

What to do if something goes wrong

If your product does not work correctly refer to this manual for fault diagnosis and check that it is installed and commissioned in accordance with our instructions. If this does not resolve the issue, contact us for help and advice.



Helpdesk Service

Contact our Customer Services Team for product advice, to purchase spare parts or accessories or to set up service visit.

You can contact us via phone or e-mail - contact details below. Please provide your model name, power rating (if applicable) and date of purchase.



Mira Showers Website (www.mirashowers.co.uk)

Visit our website to register your guarantee, download user guides, diagnose faults, purchase our full range of accessories and popular spares, or request a service visit.



Spares and Accessories

We hold the largest stocks of genuine Mira spares and accessories. Contact us for a price or visit our website to purchase items from our accessory range and popular spares. (Only available in the United Kingdom)



Service/Repairs

No one knows our products better than our nationwide team of Service Technicians. We can carry out service or repair work to your product both during and after the guarantee period. (Only available in the United Kingdom and Republic of Ireland.) Ask about our fixed price service repairs.

To Contact Us: UK

0844 571 5000

Calls cost 7p per minute plus your phone company's access charge



E-mail: Visit

www.mirashowers.co.uk/contactus

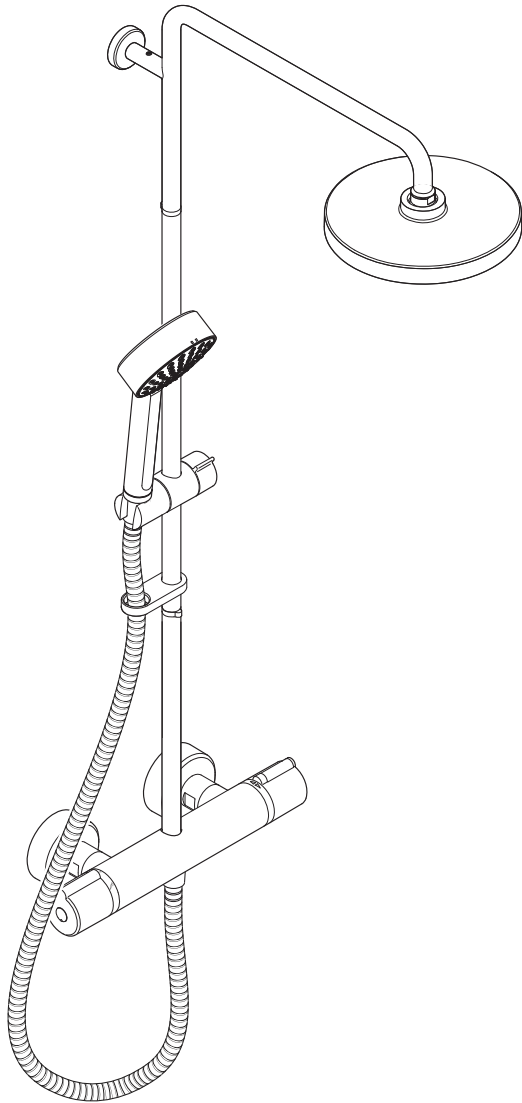


Mira Customer Services
Cromwell Road, Cheltenham,
Gloucestershire, GL52 5EP

Mira is a registered trade mark of Kohler Mira Limited.
The company reserves the right to alter product specifications without notice.



Mira Relate ERD Thermostatic Shower Installation and User Guide



These instructions must be left with the user

INTRODUCTION

Thank you for choosing a Mira shower. To enjoy the full potential of your new shower, please take time to read this guide thoroughly, and keep it handy for future reference.

Guarantee

For **domestic installations**, Mira Showers guarantee the Mira Relate against any defect in materials or workmanship for a period of **five** years from the date of purchase (shower fittings for one year).

For **non-domestic installations**, Mira Showers guarantee the Mira Relate against any defect in materials or workmanship for a period of **one** year from the date of purchase.

Failure to follow the instructions provided with the shower will invalidate the guarantee

For terms and conditions refer to **‘Customer Service’**.

Design Registration GB 001225254-0003

Patents: GB 2 407 138

Recommended Usage	
Domestic	✓
Light Commercial	✓
Heavy Commercial	✗
Healthcare	✗

SAFETY : WARNINGS

WARNING - This product can deliver scalding temperatures if not operated, installed or maintained in accordance with the instructions, warnings and cautions contained in this guide.

The function of a thermostatic mixing valve is to deliver water consistently at a safe temperature. In keeping with every other mechanism, it cannot be considered as functionally infallible and as such, cannot totally replace a supervisor’s vigilance where that is necessary. Provided it is installed, commissioned, operated and maintained within manufacturers recommendations, the risk of failure, if not eliminated, is reduced to the minimum achievable.

PLEASE OBSERVE THE FOLLOWING TO REDUCE THE RISK OF INJURY:

INSTALLING THE SHOWER

1. Installation of the shower must be carried out in accordance with these instructions by qualified, competent personnel. Read all instructions before installing the shower.
2. **DO NOT** install the shower where it may be exposed to freezing conditions. Ensure that any pipework that could become frozen is properly insulated.
3. **DO NOT** perform any unspecified modifications, drill or cut holes in the shower or fittings other than instructed by this guide. When servicing only use genuine Kohler Mira replacement parts.
4. If the shower is dismantled during installation or servicing then, upon completion, an inspection must be made to ensure all connections are tight and that there are no leaks.

USING THE SHOWER

5. The shower must be operated and maintained in accordance with the requirements of this guide. Make sure you fully understand how to operate the shower before use, read all instructions and retain this guide for future reference.
6. **DO NOT** switch the shower on if there is a possibility that the water in the shower unit or fittings is frozen.
7. The shower can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children must not be allowed to play with the shower.
8. Anyone who may have difficulty understanding or operating the controls of any shower should be attended whilst showering. Particular consideration should be given to the young, the elderly, the infirm or anyone inexperienced in the correct operation of the controls.
9. **DO NOT** allow children to clean or perform any user maintenance to the shower unit without supervision.
10. Always check the water temperature is safe before entering the shower.
11. **DO NOT** adjust the temperature control rapidly while using the shower.
12. Use caution when altering the water temperature while in use, always check the temperature before continuing to shower.
13. **DO NOT** switch the shower off and back on while standing in the water flow.
14. **DO NOT** connect the outlet of the shower to any tap, control valve, trigger handset or showerhead other than those specified for use with this shower. Only Kohler Mira recommended accessories must be used.
15. The showerhead must be descaled regularly. Any blockage of the showerhead or hose may affect showering performance.

SPECIFICATIONS

Pressures

- Max Static Pressure: **10 bar**.
- Max Maintained Pressure: **5 bar**.
- Min Maintained Pressure: (Gas Water Heater): **1.0 bar** (for optimum performance supplies should be nominally equal).
- Min Maintained Pressure (Gravity System): **0.1 bar** (0.1 bar = 1 Metre head from cold tank base to showerhead outlet).

Temperatures

- Close temperature control is provided between **20°C and 50°C**.
- Optimum Thermostatic Control Range: **35°C to 45°C** (achieved with supplies of 15°C cold, 65°C hot and nominally equal pressures).
- Recommended Hot Supply: **60°C to 65°C**. For safety reasons we recommended that the maximum hot water temperature does not exceed 65°C).
- Minimum Recommended Differential between Hot Supply and Outlet Temperature: **12°C at desired flow rates**.
- Minimum hot water supply temperature: **55°C**.

Thermostatic Shut-down

- For safety and comfort the thermostat will shut off the shower **within 2 Seconds** if either supply fails (achieved only if the blend temperature has a minimum differential of 12°C from either supply temperature).

Connections

- **Hot: Left** - 1/2” BSP to pipework, 3/4” BSP to shower unit.
- **Cold: Right** - 1/2” BSP to pipework, 3/4” BSP to shower unit.
- **Outlet: Bottom**, 1/2” BSP Male to flexible hose.

Note! This product does not allow for reversed inlets and will deliver unstable temperatures if fitted incorrectly.

INSTALLATION

Suitable Plumbing Systems

Gravity Fed:

The thermostatic mixer must be fed from a cold water cistern (usually fitted in the loft space) and a hot water cylinder (usually fitted in the airing cupboard) providing nominally equal pressures.

Gas Heated System:

The thermostatic mixer can be installed with a combination boiler.

Unvented Mains Pressure System:

The thermostatic mixer can be installed with an unvented, stored hot water system.

Mains Pressurised Instantaneous Hot Water System:

The thermostatic mixer can be installed with systems of this type with balanced pressures.

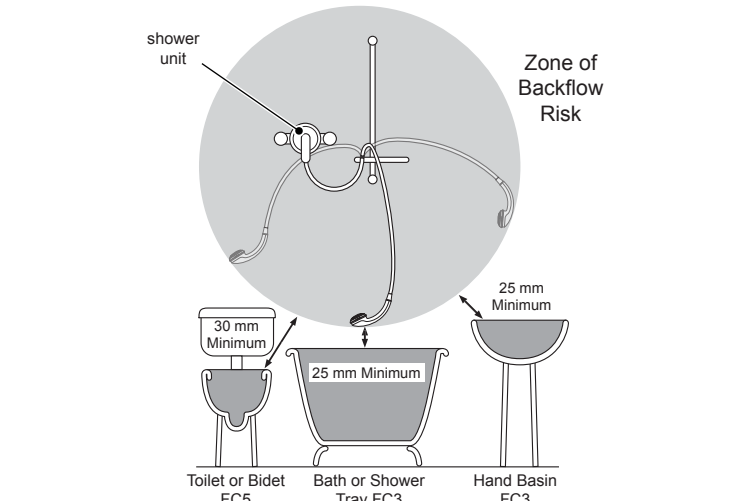
Pumped System:

The thermostatic mixer can be installed with an inlet pump (twin impeller). The pump must be installed on the floor next to the hot water cylinder.

General

1. Installation of the shower must be carried out in accordance with these instructions by qualified, competent personnel.
2. The plumbing installation must comply with all national or local water regulations and all relevant building regulations, or any particular regulation or practice specified by the local water supply company.
3. Make sure all pressures and temperatures comply with the requirements of the shower. See **‘Specifications’**.
4. Full bore/non restrictive isolating valves must be fitted in a readily accessible position adjacent to the shower to facilitate maintenance of the shower.
DO NOT use a valve with a loose washer plate (jumper) as this can lead to a build up of static pressure.
5. Use copper pipe for all plumbing.
6. **DO NOT** apply excessive force to plumbing connections; always provide mechanical support when making plumbing connections. Any soldered joints should be made before connecting the shower. Pipework must be rigidly supported and avoid any strain on the connections.
7. Pipework dead-legs should be kept to a minimum.
8. Position the shower unit where the controls are at a convenient height for the user. Position the showerhead so that the water sprays in line with the bath or across the opening of a shower cubicle. The installation must not cause the shower hose to be kinked during normal use or obstruct the use of the control handles.
9. The position of the shower unit and hose retaining ring must provide a minimum air gap of 25mm between the showerhead and the spill over level of any bath, shower tray or basin. There must be a minimum distance of 30mm between the showerhead and the spill

over lever of any toilet, bidet or other appliance with a Fluid Category 5 backflow risk.



Note! There will be occasions when the hose retaining ring will not provide a suitable solution for Fluid Category 3 installations, in these instances an outlet double checkvalve must be fitted, this will increase the required supply pressure typically by 10kPa (0.1 bar). Double checkvalves fitted in the inlet supply to the appliance cause a pressure build up, which can affect the maximum static inlet pressure for the appliance and must not be fitted. For Fluid category 5 double checkvalves are not suitable.

10. The showerhead should be positioned so that it discharges down the centre line of the bath or across the opening of a shower cubicle.
11. Only use the inlet connections supplied with the product. **DO NOT** use any other type of fittings.
12. **DO NOT** overtighten pipe connections or screws as product damage may occur.

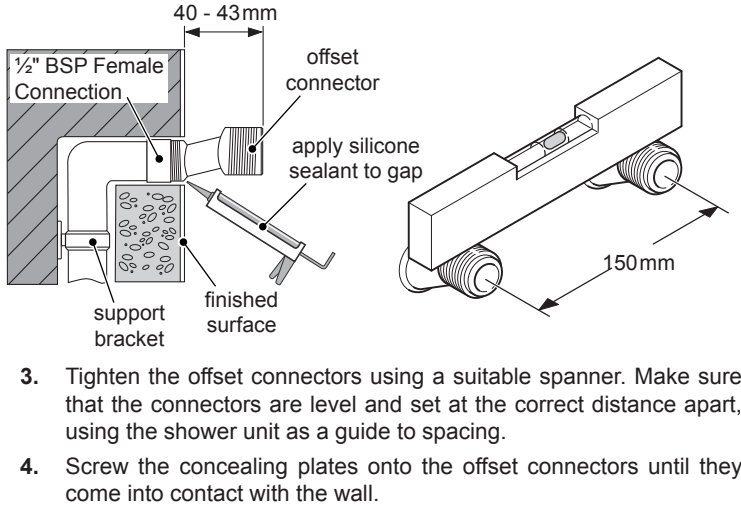
Installing the Shower Unit

Please ensure that there is a minimum of 1065mm height clearance above the shower unit to allow for the riser pipe and overhead to be fitted. For installations with insufficient clearance, a short riser pipe can be ordered as a spare part.

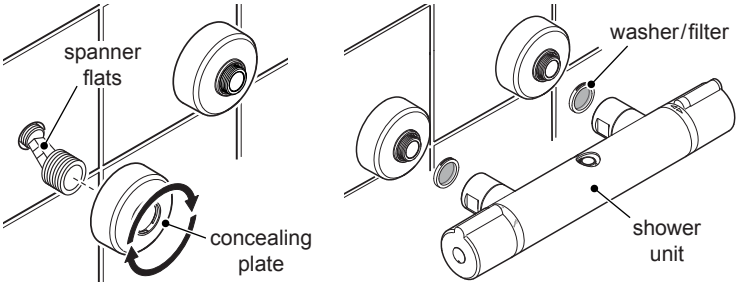
The shower unit should be installed where it will be supported by fixed pipework.

1. Install the pipework, making sure that it is set at the correct distance apart (150 ± 24 mm) **and solidly fixed**.
2. Apply suitable thread sealant (not supplied) and attach the offset connectors to the pipework in the wall. The offset connectors must protrude between 40 and 43 mm from the finished wall.

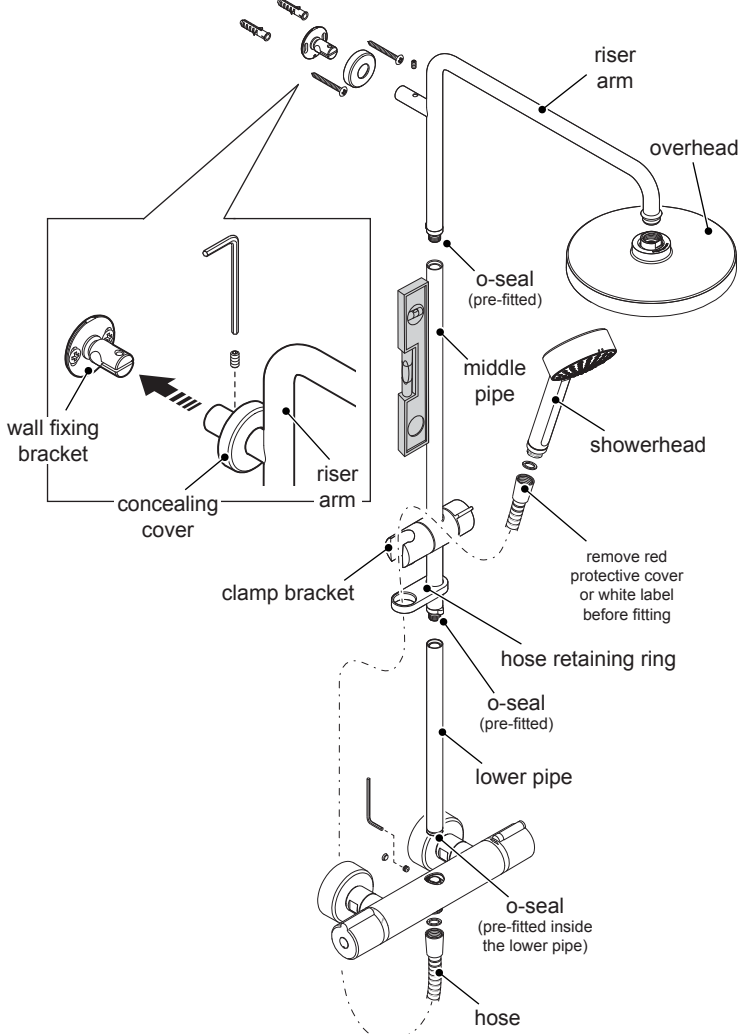
Note! Connections are: **Hot-Left, Cold-Right**. The shower unit does not allow for reversed inlets.



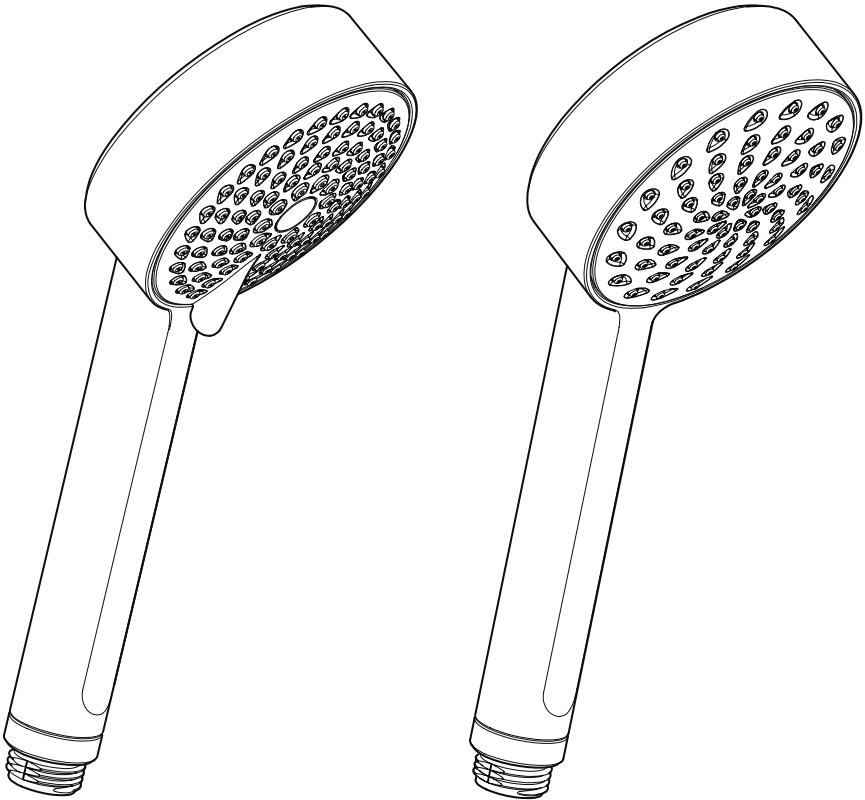
3. Tighten the offset connectors using a suitable spanner. Make sure that the connectors are level and set at the correct distance apart, using the shower unit as a guide to spacing.
4. Screw the concealing plates onto the offset connectors until they come into contact with the wall.
Flush the water supplies thoroughly before attaching the shower unit.
5. Fit a sealing washer/filter in each inlet of the shower unit and attach to the offset connectors. Avoid damage to the chrome surfaces when tightening the connections.
Pressurise the shower unit and check all connections for leaks



Installing the Shower Fittings



1. Fit the hose retaining ring and clamp bracket to the middle pipe, then screw all three pipes together.
2. Fit the assembled pipe into the shower unit. Push firmly to fit the pipe fully.
3. Fit the wall fixing bracket into the riser arm with the grubscrew hole at the top.
4. Mark the holes for the wall fixing bracket using a spirit level to ensure the pipe is kept vertical.
5. Remove the assembled pipe and wall fixing bracket.
6. Drill the holes for the wall fixing bracket. Fit the wall plugs and fix the bracket to the wall using the screws supplied.
7. Refit the pipe into the shower unit and loosely fit the concealing cover to the riser arm.
8. Fit the riser arm onto the wall fixing bracket and tighten the grubscrew with a 2.5mm hex key. Fit the concealing cover over the bracket.
9. Tighten the grubscrew at the rear of the shower unit to secure the pipe.
10. A flow regulator may be required for installation on high pressure systems (above 0.5bar). Two 12 L/min flow regulators are provided, please refer to the flow regulator pack for more information.
11. Fit the overhead spray.
12. Fit the shower hose through the hose retaining ring and connect to both the shower unit and the showerhead. The hose has slightly different sized conical connections at each end (the smaller diameter/longer length conical is identified with a **Red** protective cover or a **White** label). Fit the end with the red cover or white label to the showerhead, fit the clear end to the shower unit.



BEAT SHOWERHEADS

SINGLE SPRAY 1703.009, 1703.011
ADJUSTABLE 1703.010, 1703.012

Installation and User Guide

THESE INSTRUCTIONS ARE TO BE LEFT WITH THE USER

INTRODUCTION

The Mira adjustable showerhead has four different spray modes. The Mira single mode showerhead has one spray mode.

Both the adjustable and single mode showerheads are suitable for most mixer showers and for electric showers.

The Mira adjustable and single mode showerheads are available in white and chrome.

Features

- Adjustable showerhead with four spray patterns
- Rub-clean rubber nozzles to remove scale build-up.
- Lever operation for easy adjustment.

GUARANTEE

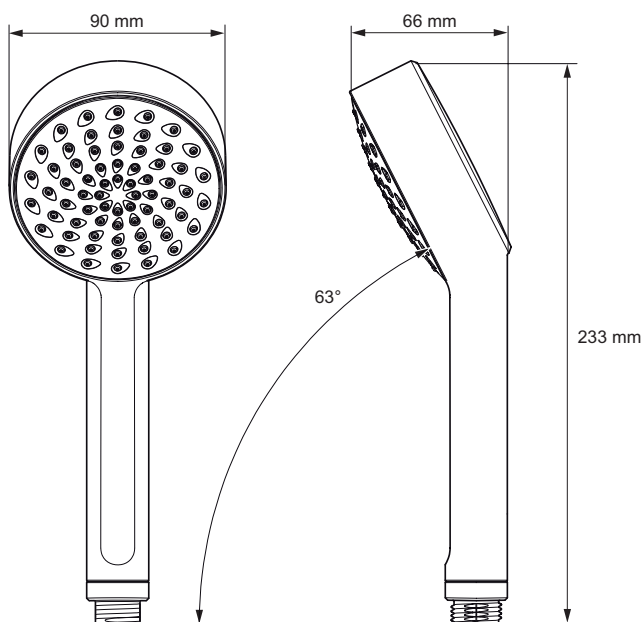
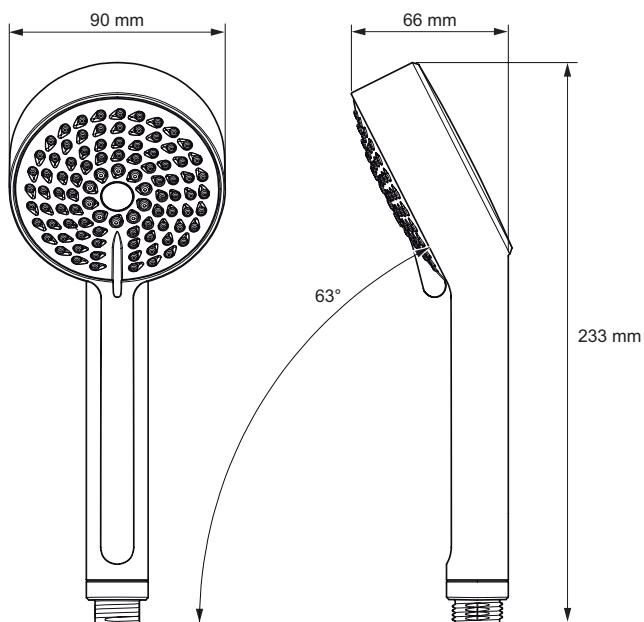
Guarantee

For **domestic installations**, Mira Showers guarantee the products listed in this guide against any defect in materials or workmanship for a period of one year from the date of purchase.

For **non-domestic installations**, Mira Showers guarantee the product against any defect in materials or workmanship for a period of one year from the date of purchase.

For terms and conditions refer to the back cover of this guide.

DIMENSIONS



SPECIFICATION

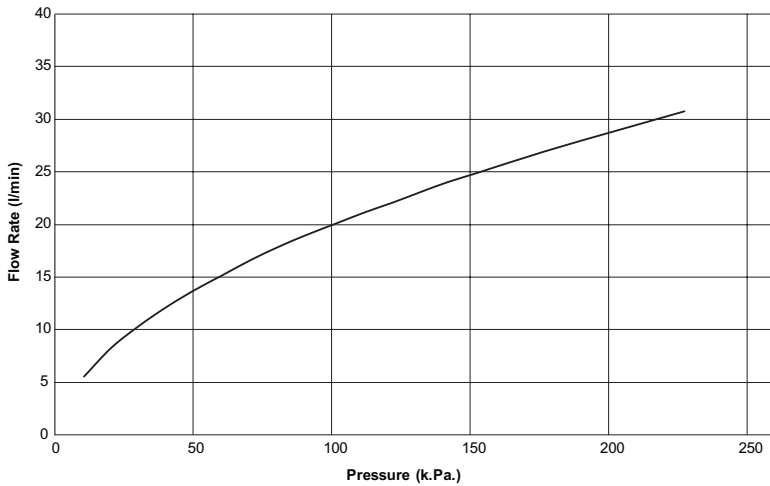
Minimum pressure: 0.1 bar.

Maximum pressure: 5.0 bar.

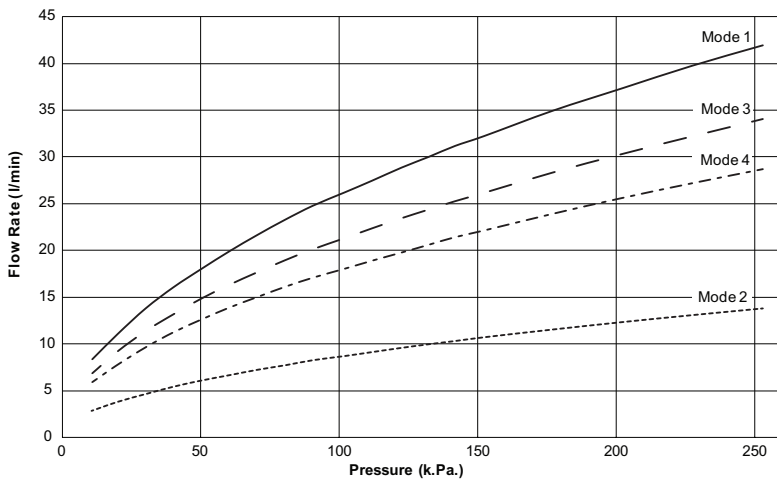
Exceeding the stated maximum static pressure could result in excessive spray force and damage to the showerhead.

The graphs below show flow rate of the Beat single mode showerhead and the Beat adjustable mode showerhead.

Beat Single Mode Showerhead



Beat Adjustable Mode Showerhead



INSTALLATION

General

Installations must comply with Water Regulations (Bye-Laws, Scotland), and any other Local Regulations and Building Regulations in force at the time of installation.

Before installation carefully inspect the product for any signs of damage.

A hose retaining ring must be used to stop the showerhead from dropping below the spill-over level of the bath or shower tray. This will prevent water supply contamination due to backsiphonage.

Installation

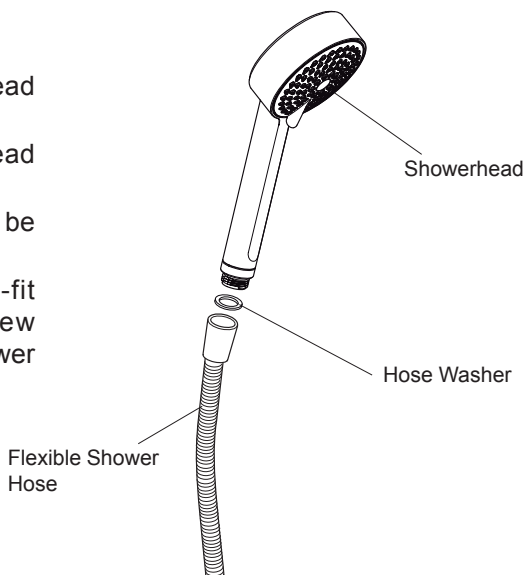
1. Unscrew the existing showerhead from the flexible shower hose.

Note! The hose and showerhead may have water in them.

Note! If there is a hose washer, be careful to retain it.

2. If there is a hose washer, re-fit the washer and screw the new showerhead into the flexible shower hose.

Caution! Do not overtighten.



CLEANING

Daily Cleaning

Many household cleaners contain abrasives and chemical substances, and should not be used for cleaning plated or plastic fittings.

These finishes should be cleaned with a mild washing up detergent or soap solution, and then wiped dry using a soft cloth.

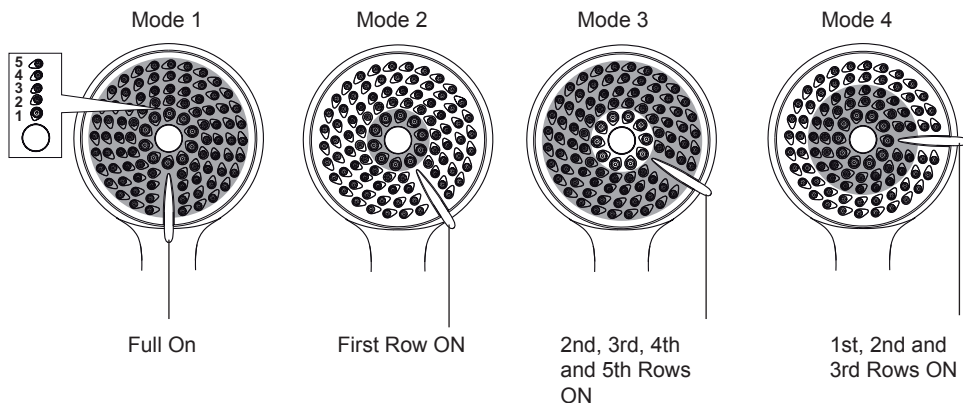
Use your thumb or a soft cloth to wipe any limescale from the soft nozzles and the front surface of the showerhead sprayplate.

Important! The sprayplate **must** be regularly cleaned to make sure that the showerhead does not become blocked.

OPERATION

The adjustable showerhead has four different spray actions.

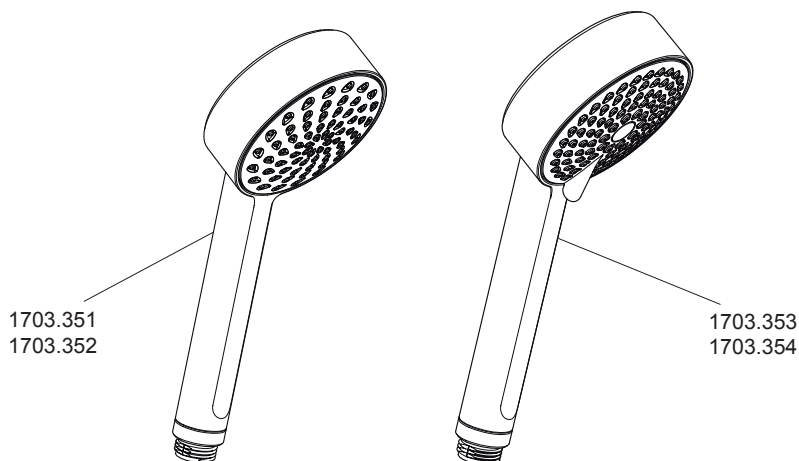
1. To select any of the four spray actions, turn the spray plate anticlockwise from the full clockwise position until it clicks once.



Note! The shaded area shows the spray nozzles selected.

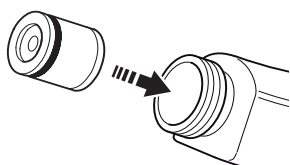
SPARE PARTS

1703.351	Beat Single Mode Showerhead - Chrome
1703.352	Beat Single Mode Showerhead - White
1703.353	Beat Multi Mode Showerhead - Chrome
1703.354	Beat Multi Mode Showerhead - White



ACCESSORIES

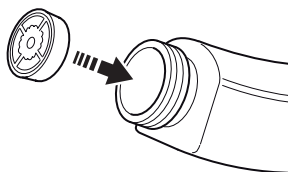
Genuine Mira accessories can be purchased direct from Customers Services (our contact details can be found on the back cover of this guide) or from approved stockists or merchants.



Checkvalve - 1688.282

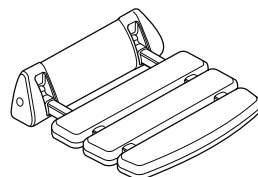
To comply with UK Water Regulations you must make provision to prevent the backflow of waste water through the shower. A hose retaining ring will allow compliance but may restrict full use of the hose.

However, if your mixer shower is already fitted with single inlet checkvalves then fitting the extra showerhead checkvalve will allow compliance without the need for the hose retaining ring.



Flow Regulator (12 L/min - Red) - 1641.059

If your shower has no flow control, you may find operation of the shower on high pressure systems too forceful. Fitting a flow regulator in the showerhead will reduce this.



Shower Seat White - 2.1536.128

White/Chrome - 2.1536.129
For use in or out of the showering area. Folds up when not in use. Maximum User Weight - 127 kg (20 stone) **Note!** Must be installed onto a solid wall.



Premium Shower Seat White/Chrome - 2.1731.001

Grey/Chrome - 2.1731.002
Stylish, slim-line and robust shower seat for use in or outside of the shower area. Folds up when not in use. Maximum User Weight - 150 kg (23.5 stone) **Note!** Must be installed onto a solid wall.

CUSTOMER SERVICE

Guarantee

Your product has the benefit of our manufacturer's guarantee which starts from the date of purchase.

To activate this guarantee, please return your completed registration card, visit our website or free phone 0800 0731248 within 30 days of purchase (UK only).

Within the guarantee period we will resolve defects in materials or workmanship, free of charge, by repairing or replacing parts or product as we may choose.

If you have not previously activated the guarantee, you will be required to do so prior to the provision of assistance. If you do not activate your guarantee our Engineer will be entitled to charge full payment for the visit (Call out fee plus parts).

This guarantee is in addition to your statutory rights and is subject to the following conditions:

- The product must be installed and maintained in accordance with the instructions given in this user guide.
- Servicing must only be undertaken by us or our appointed representative. **Note!** if a service visit is required the product must be fully installed and connected to services.
- Repair under this guarantee does not extend the original expiry date. The guarantee on any replacement parts or product ends at the original expiry date.
- For shower fittings or consumable items we reserve the right to supply replacement parts only.

The guarantee does not cover:

- Call out charges for non product faults (such as damage or performance issues arising from incorrect installation, improper use, lack of maintenance, build up of limescale, frost damage, corrosion, system debris or blocked filters) or where no fault has been found with the product.
- Water or electrical supply, waste and isolation issues.
- Compensation for loss of use of the product or consequential loss of any kind.
- Damage or defects caused if the product is repaired or modified by persons not authorised by us or our appointed representative.
- Routine maintenance or replacement parts to comply with the requirements of the TMV 2 or TMV 3 healthcare schemes.

What to do if something goes wrong

If your product does not function correctly when you first use it, contact your installer to check that it is installed and commissioned in accordance with the instructions in this manual. Should this not resolve the issue, contact our Customer Services Team who will offer you or your installer advice and if applicable arrange for a Service Technician to call. If the performance of your product declines, check in this manual to see if simple home maintenance is required. If you require further assistance call our Customer Services Team.

Extended Guarantees

A selection of protection plans are available that enable you to cover repair bills for the life of your policy (excludes Eire). Ring 01922 471763 for more details.

Helpdesk Service

Our dedicated Customer Services Team is comprehensively trained and can offer help and advice, spare parts, accessories or a service visit. We will need you to have your model name or number, power rating (if applicable) and date of purchase. As part of our quality and training programme calls may be recorded or monitored.

Mira Showers Website (www.mirashowers.co.uk)

From our website you can register your guarantee, download additional user guides, diagnose faults, purchase our full range of accessories and popular spares, refer to our FAQ's and request a service visit.

Spares and Accessories

We maintain extensive stocks of genuine spares and accessories and aim to provide support throughout the product's expected life. Payment can be made by phone at time of order using most major Credit or Debit cards and we aim to despatch orders within two working days. Items purchased from us are guaranteed for 12 months from date of purchase. For safety reasons spares exposed to mains voltages should only be fitted by competent persons.

Returns – items can be returned within one month of date of purchase, providing that they are in good condition and the packaging is unopened. Please obtain authorisation from our Customer Services Team before return. We reserve the right to apply a 15% restocking charge.

Service / Repairs

We have a nationwide team of Service Technicians who can carry out all service or repair work to your product within the guarantee period and beyond. You have the assurance of a fully trained Mira Technician, genuine Mira spare parts and a 12 month guarantee on any chargeable work done.

Payment should be made directly to the Service Technician who will accept most major Credit or Debit cards.

To Contact Us

UK

Telephone: 0844 571 5000

www.mirashowers.co.uk

E-mail: technical@mirashowers.com

Fax: 01242 282595

By Post: Mira Customer Services Dept, Cromwell Road, Cheltenham, Gloucestershire, GL52 5EP

Eire

Telephone: 01 459 1344

E-mail: sales@modernplant.ie

Fax: Dublin 01 459 2329

By Post: Modern Plant Ltd (Dublin), Otter House, Naas Road, Clondalkin, Dublin 22

Mira is a registered trade mark of
Kohler Mira Limited.

The company reserves the right to alter
product specifications without notice.



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CUSTOMER SERVICE

Guarantee

Your product has the benefit of our manufacturer's guarantee which starts from the date of purchase. To activate this guarantee, please return your completed registration card, visit our website or free phone 0800 0731248 within 30 days of purchase (UK only).

Within the guarantee period we will resolve defects in materials or workmanship, free of charge, by repairing or replacing parts or product as we may choose.

This guarantee is in addition to your statutory rights and is subject to the following conditions:

- The guarantee applies solely to the original installation under normal use and to the original purchaser only. The product must be installed and maintained in accordance with the instructions given in this user guide.
- Servicing must only be undertaken by us or our appointed representative. **Note!** If a service visit is required the product must be fully installed and connected to services.
- Repair under this guarantee does not extend the original expiry date. The guarantee on any replacement parts or product ends at the original expiry date.
- For shower fittings or consumable items we reserve the right to supply replacement parts only.

The guarantee does not cover:

- Call out charges for non product faults (such as damage or performance issues arising from incorrect installation, improper use, inappropriate cleaning, lack of maintenance, build up of limescale, frost damage, corrosion, system debris or blocked filters) or where no fault has been found with the product.
- Water or electrical supply, waste and isolation issues.
- Compensation for loss of use of the product or consequential loss of any kind.
- Damage or defects caused if the product is repaired or modified by persons not authorised by us or our appointed representative.
- Routine maintenance or replacement parts to comply with the requirements of the TMV 2 or TMV 3 healthcare schemes.
- Accidental or wilful damage.
- Products purchased ex-showroom display.

What to do if something goes wrong

If your product does not work correctly refer to this manual for fault diagnosis and check that it is installed and commissioned in accordance with our instructions. If this does not resolve the issue, contact us for help and advice.

Extended Guarantees

A selection of protection plans are available that enable you to cover repair bills (excludes Eire). Ring 01922 471763 for more details.



Helpdesk Service - Ring our Customer Services Team for product advice, to purchase spare parts or accessories or to set up service visit. You can contact us via phone or e-mail, details below. Please provide your model name, power rating (if applicable) and date of purchase.



Mira Showers Website (www.mirashowers.co.uk)

Visit our website to register your guarantee, download user guides, diagnose faults, purchase our full range of accessories and popular spares, or request a service visit.



Spares and Accessories - We hold the largest stocks of genuine Mira spares and accessories. Contact us for a price or visit our website to purchase items from our accessory range and popular spares.



Service/Repairs - No one knows our products better than our nationwide team of Service Technicians. We can carry out service or repair work to your product both during and after the guarantee period. Ask about our fixed price service repairs.

To Contact Us: UK



0844 571 5000



Fax: 01 242 282595



E-mail: Visit www.mirashowers.co.uk/contactus



Mira Customer Services Dept, Cromwell Road, Cheltenham, Gloucestershire, GL52 5EP

To Contact Us: Eire Only



01 459 1344



Fax: Dublin 01 459 2329

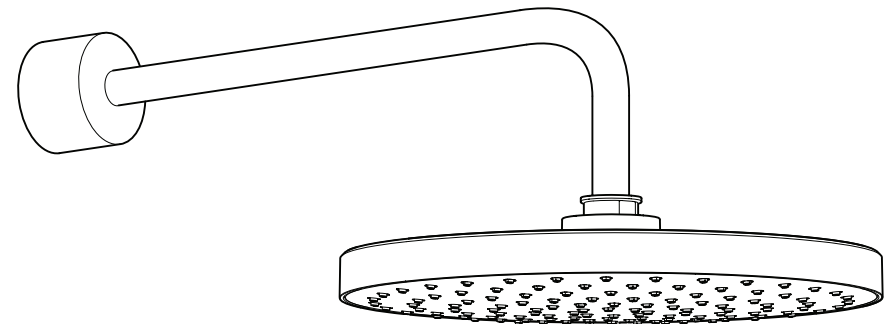


E-mail: sales@modernplant.ie



Modern Plant Ltd (Dublin), Otter House, Naas Road, Clondalkin, Dublin 22

- Mira Beat 200 mm Deluge Overhead (1799.001 - Chrome)
- Mira Beat 200 mm Deluge Overhead (1799.002 - White)
- Mira Beat 250 mm Deluge Overhead (1799.003 - Chrome)
- Mira Beat 250 mm Deluge Overhead (1799.004 - White)
- Mira Wall-fed Fixed Head Arm (1799.005)



These instructions must be left with the user

Installation and User Guide

Showering perfection

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The company reserves the right to alter product specifications without notice.



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INTRODUCTION

Thank you for purchasing a quality Mira product. To enjoy the full potential of your new product, please take time to read this guide thoroughly, having done so, keep it handy for future reference.

These shower fittings are designed to give a satisfactory shower over a range of pressures between 0.1 and 5.0 bar.

The Mira Shower Fittings have been designed for domestic use only, Mira Showers guarantee the fittings against any defect in materials or workmanship for a period of one year from the date of purchase.

For non-domestic installations, Mira Showers guarantee the fittings against any defect in materials or workmanship for a period of one year from the date of purchase.

For terms and conditions, refer to the back cover of this guide.

INSTALLATION

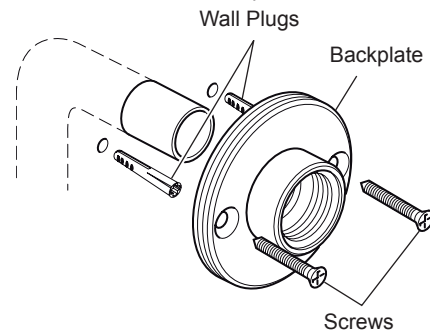
General

1. Make sure that the shower fittings are installed by a competent installer.
2. Installations must comply with Water Regulations (Bye-Laws, Scotland), and any other Local Regulations and Building Regulations in force at the time of installation.
3. Before installation carefully inspect the new fixture for any signs of damage.
4. The shower fittings should be positioned at a convenient height for all the family and so that the deluge head will discharge down the centre of a bath or shower cubicle. Position the deluge head to spray across rather than towards the opening of the cubicle (if applicable) and also away from the shower control.
5. Special consideration should be given to the fixing arrangements when installing onto a dry lined, stud partition, shower cubicle or laminated panel wall structures. Installers may wish to obtain alternative proprietary cavity fixings, or choose other options, however, these methods of fixing are beyond the scope of this guide.

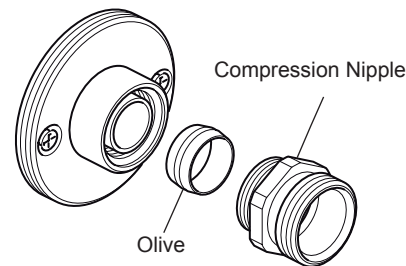
Install the Shower Arm and Showerhead

The shower arm and showerhead must be fitted after the installation of the shower control and the outlet pipe must protrude 18 mm (± 2 mm) from the finished wall surface. The outlet pipe must be fitted at a suitable height and so that the showerhead will discharge down the centre of a bath or shower cubicle.

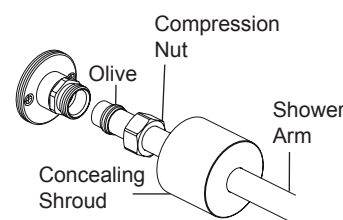
1. Mark the positions of the backplate fixing holes.
Caution! Be aware of hidden pipes or cables.
2. For solid walls drill the fixing holes for the backplate with a 6 mm drill and insert the wall plugs (supplied). For other types of wall structure alternative fixings may be required (not supplied).
Caution! Take care not to drill into hidden pipes or cables.
3. Carefully fit the backplate over the outlet pipe and secure with the fixing screws (supplied).
Caution! Take care not to damage the 'O' Seal in the back of the backplate.



4. Fit the olive and compression nipple over the outlet pipe and tighten the compression nipple.



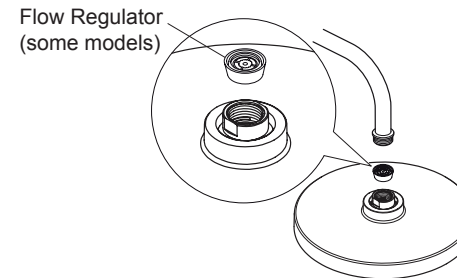
5. Fit the concealing shroud onto the shower arm.
6. Fit the compression nut and olive onto the shower arm.
7. Fit the shower arm into the compression nipple and tighten the compression nut.



8. Hand tighten the concealing shroud onto the backplate.
9. Screw the overhead onto the shower arm, if necessary fit the flow regulator.

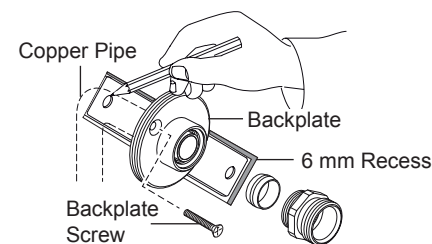
Important! Certain mixing valves may have flow regulators, refer to your shower control installation and user guide for details.

Caution! The shower arm is not designed to take weight, therefore care needs to be taken when installing the showerhead.



Alternative Installation procedure using the wallplate

1. Loosely screw the backplate to the wallplate with the two backplate screws provided.
2. Place the wallplate and backplate assembly over the copper pipe.
3. Mark the position of the wallplate and its fixing holes on the wall.



4. Remove the screws and backplate from the wallplate.
5. Drill the two backplate fixing holes, if necessary make a recess approximately 6 mm deep to accept the wallplate. Plug the two fixing holes.
6. Place the wallplate over the copper pipe and fix to the wall with the two wallplate screws.

7. Temporarily fit the two backplate screws to the wallplate. This will prevent the holes from becoming blocked with plaster and grout.
8. Finish the surface of the wall as required ensuring the pipework is protruding by 18 mm \pm 2 mm.
9. Remove the two backplate screws.
10. Place the backplate against the finished wall surface and use the two backplate screws supplied to fix the backplate to the wallplate.
11. Follow steps 4 - 9 from previous section to complete the shower arm installation.

MAINTENANCE

Cleaning

Warning! Many household cleaners contain abrasive and chemical substances, and should not be used for cleaning plated or plastic fittings.

These finishes should be cleaned with a mild washing up detergent or soap solution, and then wiped dry using a soft cloth.

Use your thumb or a soft cloth to wipe any limescale from the soft nozzles and the front surface of the showerhead spray plate.

Do not use descalents on this product.

SPARE PARTS

